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United Nations Environment Programme
International Register of Potentially Toxic Chemicals



United Nations



IRPTC

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Regulations and Guidelines on Chemicals
An Extract of the IRPTC Data Bank



Volume 1



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INTERNATIONAL REGISTER OF POTENTIALLY TOXIC CHEMICALS
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Common Name : Acephate

RTECS Number : TB4760000

CAS Number : 30560-19-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRMT CLASS	SPECIFIED PLANT PRODUCTS: 0.2-1 MG/KG; PROVISIONAL TOXICITY CLASS: III,IV (DEPENDING ON FORMULATION) (I=MOST TOXIC;IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED. <u>Title</u> : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,,,,8,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS ACARICIDE (MITE CONTROL), INSECTICIDE. (FORMULATION: SOLUBLE POWDER; SOLID). CODE ACP. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title</u> : <u>Reference</u> : CAGAAK,122,18,1601,1988 <u>Effective Date</u> : 11AUG1988 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference</u> : SPPOR*,,,,290,1990 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.02 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THEREQUIREMENTS LAID DOWN. <u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986

Common Name : Acephate

RTECS Number : TB4760000

CAS Number : 30560-19-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); WEAR SUITABLE PROTECTIVE CLOTHING (S 36).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
RUS	REG	AIR	OCC	PSL	<p>CLV : 0.7 MG/M3 (VAPOUR, AEROSOL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 00APR1988</p> <p><u>Last Amendment</u> : OBUVR*,4613-88,,1988 <u>Entry / Update</u> : MAY1990</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.05-1.0 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,1989 <u>Entry / Update</u> : 1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, ACEPHATE, 1987. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Acetaldehyde**RTECS Number : **AB1925000**CAS Number : **75-07-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 180 MG/M3 (100 PPM), 15 MIN - STEL : 270 MG/M3 (150 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). POTENTIAL CARCINOGEN.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 100 PPM, 180 MG/M3; STEL: 150 PPM, 270 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONALSAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATETHAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1089. CLASS (3.1): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 90, 99, 109. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 200.0 MG/M3; CLV: 400.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991</p>

Common Name : Acetaldehyde

RTECS Number : AB1925000

CAS Number : 75-07-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 50 ML/M3 (PPM); 90 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 100 ML/M3 (PPM); 180 MG/M3; CEILING VALUE; 8X/SHIFT. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIB). MAK VALUE THEREFORE TENTATIVELY RETAINED.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). LABEL: F+ - EXTREMELY FLAMMABLE; XN - HARMFUL; EXTREMELY FLAMMABLE (R 12); IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : Acetaldehyde

RTECS Number : AB1925000

CAS Number : 75-07-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 180 MG/M3 (100 PPM). STEL (10 MIN-TWA): 270 MG/M3 (150 PPM) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. <u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE I <u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987 <u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2YE <u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER, III=MINOR DANGER). UN NO. 1089. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991
JPN	REC	AIR	EMI	MXL	RANGE OF REGULATORY STANDARDS ON BOUNDARY LINE: 0.05-0.5 PPM (0.09-0.9 MG/M3). VALUES DIFFER DEPENDING ON TYPE OF FACILITY ETC.. <u>Title</u> : OFFENSIVE ODOUR CONTROL LAW <u>Reference</u> : QEJPN*,,,349,1989 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
JPN	REC	AIR	OCC	MAC	CLV: 90 MG/M3 (50 PPM) <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 180 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 270 MG/M3 (150 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV : 5.0 MG/M3 (VAPOUR) HAZARD CLASS: III <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Effective Date</u> : 01JAN1989 <u>Entry / Update</u> : MAY1990
RUS	REG	SOIL	-	MAC	10.0 MG/KG <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : PDKCP*,3210-85,,1985 <u>Effective Date</u> : FEB1985 <u>Entry / Update</u> : OCT1985

Common Name : Acetaldehyde

RTECS Number : AB1925000

CAS Number : 75-07-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	MAC	0.01 MG/M3 1X/D, 0.01 MG/M3 AV/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	MAC CLASS	0.2 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 45 MG/M3 (25 PPM), 15 MIN - STEL: 90 MG/M3 (50 PPM). CARCINOGENIC. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER, III=MINOR DANGER). UN NO. 1089. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 100 PPM, 180 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 150 PPM, 270 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	10000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,30,1990 <u>Last Amendment :</u> XPHPAW,90,117,30,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FEREC,50,,46290,1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Effective Date :</u> 1985 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	IGNITABLETHIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992

Common Name : Acetaldehyde

RTECS Number : AB1925000

CAS Number : 75-07-0

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	; SUMMARY - THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992

Common Name : **Acetanilide**RTECS Number : **AD7350000**CAS Number : **103-84-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.004 MG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,1978 <u>Effective Date</u> :</p> <p style="text-align:right"><u>Entry / Update</u> : SEP1985</p>

Common Name : **Acetic Acid**RTECS Number : **AF1225000**CAS Number : **64-19-7****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 25 MG/M3 (10 PPM), 15 MIN - STEL : 37 MG/M3 (15 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 10 PPM, 25 MG/M3; STEL: 15 PPM, 37 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONALSAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>MORE THAN 80% ACID, BY MASS. PIN (PRODUCT IDENTIFICATION NO.): UN2789. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 1 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO GLACIAL ACETIC S</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING ACETIC ACID AND HAS A PH OF 2.5 OR LESS OR 11.5 OR MORE I) BEFORE IT IS PREPARED FOR USE, OR II) WHEN IT IS PREPARED FOR USE ACCORDING TO THE DIRECTIONS OR IN THEMANNER THAT IS CUSTOMARY OR USUAL, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY TO THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>

Common Name : Acetic Acid

RTECS Number : AF1225000

CAS Number : 64-19-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>MORE THAN 10%, BUT NOT MORE THAN 80% ACID, BYMASS. PIN (PRODUCT IDENTIFICATION NO.): UN2790. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 89, 100, 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 1 L. MAXIMUMAMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	FOOD	-	PRMT	<p>PERMITTED AS FOOD ADDITIVE WITHOUT LIMITATION</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL WASTE ORGANIC ACIDS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA : 25.0 MG/M3 ; CLV : 50.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 10-30 MG/G.</p> <p><u>Title :</u> DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,42,,1978 <u>Effective Date :</u> 1JUL1978</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 ML/M3 (PPM); 25 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 20 ML/M3 (PPM); 50 MG/M3; CEILING VALUE; 8X/SHIFT.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : **Acetic Acid**RTECS Number : **AF1225000**CAS Number : **64-19-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>ACETIC ACID (> 25%) IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: C - CORROSIVE; FLAMMABLE (R 10); CAUSES SEVERE BURNS (R 35); KEEP OUT OF REACH OF CHILDREN (S 2); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 90%: C - CORROSIVE; CAUSES SEVERE BURNS (R 35). FROM 25% TO 90%: C - CORROSIVE; CAUSES BURNS (R 34). FROM 10% TO 25%: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). PERCENTAGE CONCENTRATION MUST BE STATED ON THE LABEL.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	FOOD	ADDIT	PRMT	<p>THIS SUBSTANCE MAY BE USED AS A DILUTANT OR SOLVENT FOR COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>

Common Name : **Acetic Acid**RTECS Number : **AF1225000**CAS Number : **64-19-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	ADDIT	PRMT	<p>ACETIC ACID (E260) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. SPECIFIC CRITERIA OF PURITY FOR THE SUBSTANCE ARE GIVEN IN COUNCIL DIRECTIVE 65/66/EEC - OJEC NO.22,373,1965 AS LAST AMENDED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (65/54/EEC).</p> <p><u>Reference</u> : OJEC**,12,,161/64,1964 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : OJEC**,L352,,45,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. MAXIMUM QUANTITY OF SUM OF ACETIC ACID AND ITS NH₄, CA, MG, K AND NA SALTS: 2 MG/DM2.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AIR	OCC	ILV	<p>25 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 10 PPM (ML/M3) IN AIR; THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS.</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC).</p> <p><u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
EEC	REG	FEED	ADDIT	PRMT	<p>ACETIC ACID MAY BE ADDED AS A PRESERVATIVE (EEC NO E260) TO FEEDINGSTUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES. LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319,13,1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987</p>
FW	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: ACIDITY REGULATOR; ADI: THE ESTABLISHMENT OF AN ADI IS NOT DEEMED NECESSARY; MXL: CANNED TOMATOES, CANNED ASPARAGUS, CANNED BABY FOODS, CANNED SARDINES AND SARDINE-TYPE PRODUCTS, PICKLED CUCUMBERS, BOUILLONS AND CONSOMMES, CANNED MACKEREL AND JACK MACKEREL, EDIBLE FUNGI AND FUNGUS PRODUCTS (EXCEPT PICKLED FUNGI): LIMITED BY GOOD MANUFACTURING PRACTICE; PICKLED FUNGI: 20 G/KG; PROCESSED CHEESES, PROCESSED CHEESES PREPARATIONS: 40 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH OTHER ACIDIFIERS AND EMULSIFIERS, CALCULATED AS ANHYDROUS SUBSTANCE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1983</p> <p><u>Last Amendment</u> : FAOCA*,XIV,,33,1983 <u>Entry / Update</u> : MAY1991</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2P (APPLIES TO GLACIAL ACETIC ACID AND > 90% BY WEIGHT</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>

Common Name : **Acetic Acid**RTECS Number : **AF1225000**CAS Number : **64-19-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 25 MG/M3 (10 PPM). STEL (10 MIN-TWA): 37 MG/M3 (15 PPM) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER.SUBSIDIARY RISK LABEL: FLAMMAB LE LIQUID. (APPLIES TO GLACIAL ACETIC ACID, OR ACETIC ACID SOLUTION MORE THAN 80 % (WT/WT)). UN NO. 2789. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO BORON TRIFLUORIDE ACETIC ACID COMPLEX, SOLID OR LIQUID). UN NO.1742 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991
JPN	REC	AIR	OCC	MAC	TWA: 25 MG/M3 (10 PPM) <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVES PERMITTED AS CLASS I PRESERVATIVES. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,386,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
KEN	REG	FOOD	-	MXL	VINEGAR SHALL CONTAIN NOT LESS THAN 4.0% OR MORE THAN 12.3% ACETIC ACID <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,318,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,374,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 25 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 37 MG/M3 (15 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AQ	SURF	MAC CLASS	1.0 MG/L HAZARD CLASS: IV <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990

Common Name : Acetic Acid

RTECS Number : AF1225000

CAS Number : 64-19-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	MAC	0.2 MG/M3 1X/D, 0.06 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 5.0 MG/M3 (VAPOUR) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 13 MG/M3 (5 PPM); 15 MIN - STEL: 25 MG/M3 (10 PPM). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO GLACIAL ACETIC ACID OR TO ACETIC ACID SOLUTION MORE THAN 10% BY WEIGHT). UN NO.2789 & 2790. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1986
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO BORON TRIFLUORIDE ACTIC ACID COMPLEX) UN NO.1742 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 PPM, 25 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 15 PPM, 37 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME ACETIC ACID AND SALTSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREAC,54,204,43388,1989 <u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> JAN1992
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	5000 (2270) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991

Common Name : Acetone

RTECS Number : AL3150000

CAS Number : 67-64-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 1780 MG/M3 (750 PPM), 15 MIN - STEL : 2375 MG/M3 (1000 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF A LEAST 60 MINUTES)</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 750 PPM, 1,780 MG/M3; STEL: 1,000 PPM, 2,375 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1090. CLASS (3.1): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 99. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA ADHESIVES, CLEANING SOLVENTS, THINNING AGENTS AND DYES CONTAINING ACETONE, WHEN PACKAGED AS CONSUMER PRODUCTS, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMIT OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 5G/KG.</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991</p>

Common Name : Acetone

RTECS Number : AL3150000

CAS Number : 67-64-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 800.0 MG/M3; CLV: 4000.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 1000 ML/M3 (PPM); 2400 MG/M3 (20C, 101.3 KPA). SUBSTANCE ELICITING VERY WEAK EFFECTS. 60 MIN- STEL: 2000 ML/M3 (PPM); 4800 MG/M3; CEILING VALUE; 3X/SHIFT. VAPOUR PRESSURE: 24 KPA AT 20 C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 0). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS III. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Acetone

RTECS Number : AL3150000

CAS Number : 67-64-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. IT MAY BY USED AS SOLVENT; MAXIMUM TOTAL QUANTITY OF ALL SOLVENTS: 0.6 MG/DM2 ON THE SIDE IN CONTACT WITH FOODSTUFFS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD	INDST	PRMT	<p>THIS SUBSTANCE, PROVIDED IT SATISFIES THE PURITY CRITERIA LAID DOWN, MAY BE USED AS AN EXTRACTION SOLVENT DURING THE PROCESSING OF RAW MATERIALS, OF FOODSTUFFS, OF FOOD COMPONENTS, OR OF FOOD INGREDIENTS. IT SHOULD BE USED IN COMPLIANCE WITH GOOD MANUFACTURING PRACTICE FOR ALL USES: I.E. ITS USE SHOULD RESULT IN THE PRESENCE OF RESIDUES OR DERIVATIVES IN TECHNICALLY UNAVOIDABLE QUANTITIES PRESENTING NO DANGER TO HUMAN HEALTH.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 13 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS AND FOOD INGREDIENTS. (88/344/EEC).</p> <p><u>Reference</u> : OJEC**L157,,28,1988 <u>Effective Date</u> : 13JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). LABEL: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); DO NOT BREATH GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2(Y)E</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RQR RQR	<p>CLASSIFIED AS A NON-POLLUTING LIQUID SUBSTANCE. DOCUMENTARY EVIDENCE OF ASSESSMENT AND APPROVAL REQUIRED BY A CARRIER. DISCHARGE INTO THE SEA IS NOT PROHIBITED.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1780 MG/M3 (75 PPM); STEL (10 MIN-TWA): 3560 MG/M3 (3560 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1090</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>

Common Name : Acetone

RTECS Number : AL3150000

CAS Number : 67-64-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 470 MG/M3 (200 PPM)</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2400 MG/M3 (1000 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 3000 MG/M3 (1260 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	AMBI	MAC	<p>0.35 MG/M3 1X/D, 0.35 MG/M3 AV/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> AUG1984</p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>2.2 MG/L HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 200.0 MG/M3 (VAPOUR) HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 600 MG/M3 (250 PPM). 15 MIN - STEL: 1200 MG/M3 (500 PPM)</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1090</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>

Common Name : Acetone

RTECS Number : AL3150000

CAS Number : 67-64-1

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REC	SAFTY USE	OCC OCC	MXL MXL	20000 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,30,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,30,1990 <u>Entry / Update</u> : OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 750 PPM, 1780 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 1000 PPM, 2380 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	IGNITABLE THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THESE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME ACETONE THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA CALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]#, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991

Common Name : Acetone

RTECS Number : AL3150000

CAS Number : 67-64-1

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991
USA	REG	USE PACK	-	RQR RQR	THIS SUBSTANCE IS LISTED AS AN ADJUVANT OF RELEASE AGENTS, WAXES, AND DISPERSANTS. THIS SUBSTANCE IS INCLUDED IN A LIST OF RESINOUS AND POLYMERIC COATINGS WHICH MAY BE USED AS THE FOOD CONTACT SURFACE OF ARTICLES IF THE COATING IS APPLIED AS A CONTINUOUS FILM PRODUCED FROM ANY BASIC OLEFIN POLYMER LISTED IN 21 CFR 177.1520 1988 AND FOR MULATED FROM OPTIONAL SUBSTANCES WHICH ARE RECOGNIZED AS SAFE FOR USE IN OR ON FOOD AND FROM SUBSTANCES SUBJECT TO LIMITATIONS AS DESCRIBED HERE. <u>Title</u> : INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS FOR POLYOLEFIN FILMS <u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,175,320,1988 <u>Entry / Update</u> : NOV1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	IGNITABLE THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992

Common Name : Acetonitrile

RTECS Number : AL7700000

CAS Number : 75-05-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 70 MG/M3 (40 PPM), 15 MIN - STEL : 105 MG/M3 (60 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>55 MG/M3 (30 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)</p> <p><u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference :</u> SMTBR*,3,,139,1980 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 40 PPM, 70 MG/M3; STEL: 60 PPM, 105 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1648. CLASS (3.2): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 102, 110. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 1 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 40 ML/M3 (PPM); 70 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 80 ML/M3 (PPM); 140 MG/M3; AVERAGE VALUE; 4X/SHIFT.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Acetonitrile

RTECS Number : AL7700000

CAS Number : 75-05-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	AIR	OCC	ILV	<p>70 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 40 PPM (ML/M3) IN AIR; THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS.</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC).</p> <p><u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; HIGHLY FLAMMABLE (R 11); TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). FROM 3% TO 20%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2WE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RQR RQR	<p>CLASSIFIED AS A NON-POLLUTING LIQUID SUBSTANCE. DOCUMENTARY EVIDENCE OF ASSESSMENT AND APPROVAL REQUIRED BY A CARRIER. DISCHARGE INTO THE SEA IS NOT PROHIBITED.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 70 MG/M3 (40 PPM). STEL (10 MIN-TWA): 105 MG/M3 (60 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : Acetonitrile

RTECS Number : AL7700000

CAS Number : 75-05-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1648. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 70 MG/M3 (40 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 105 MG/M3 (60 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AQ	SURF	MAC CLASS	0.7 MG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	OCC	MAC CLASS	CLV : 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	AMBI	PSL	0.1 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Effective Date :</u> DEC1983 <u>Entry / Update :</u> SEP1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1648. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	SAFTY USE	OCC OCC	MXL MXL	4000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,32,1990 <u>Last Amendment :</u> XPHPAW,90,117,32,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 40 PPM, 67 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 60 PPM, 101 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREC,51,,32726,1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> OCT1991

Common Name : Acetonitrile

RTECS Number : AL7700000

CAS Number : 75-05-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.119. VESSEL SHIPMENTS MUST BE SHADED FROM RADIANT HEAT. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : Acetonitrile

RTECS Number : AL7700000

CAS Number : 75-05-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990</p> <p><u>Effective Date</u> : 1980</p> <p><u>Entry / Update</u> : JAN1992</p>

Common Name : Acetyl Bromide

RTECS Number : AO5955000

CAS Number : 506-96-7

Area Type Subject Spec. Description Level / Summary Information :

CAN REG USE STORE LABEL OCC RQR INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.

Title :

Reference : CAGAAK,122,2,551,1988 Effective Date : 31DEC1987

Last Amendment : Entry / Update : APR1991

CAN REG TRNSP LABEL PACK - CLASS RQR PIN (PRODUCT IDENTIFICATION NO.): UN1716. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 1 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.

Title :

Reference : CAGAAK,124,26,5523,1990 Effective Date : 06DEC1990

Last Amendment : Entry / Update : OCT1991

GBR REG TRNSP LABEL CLASS RQR LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 4WE

Title : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978

Reference : GBRSI*,1702,,,1978 Effective Date : 28MCH1979

Last Amendment : Entry / Update : JAN1983

IMO REC TRNSP LABEL PACK MARIN CLASS HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1716

Title :

Reference : Effective Date :

Last Amendment : IMCOC*,,,10004,1990 Entry / Update : JAN1991

UN REC TRNSP LABEL PACK - CLASS HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1716

Title :

Reference : Effective Date :

Last Amendment : UNTDG*,,,15,1989 Entry / Update : AUG1990

USA REG CLASS AIR AQ INDST EMI EMI RQR RQR RQR 5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE

Title : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

Reference : CFRUS*,40,302,4,1990 Effective Date : 1990

Last Amendment : CFRUS*,40,302,4,1990 Entry / Update : SEP1991

USA REG AQ AQ AQ EMI GRND MARIN RQR RQR RQR 5000 (2270) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.

Title : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311

Reference : FEREC,51,,34547,1986 Effective Date : 1986

Last Amendment : CFRUS*,40,117,3,1991 Entry / Update : SEP1991

Common Name : Acetyl Bromide**RTECS Number :** AO5955000**CAS Number :** 506-96-7**Area Type Subject Spec. Description Level / Summary Information :**

USA REG MONIT - RQR

THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.

Title : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)

Reference : FEREAC,51,,32726,1986

Effective Date : 1986

Last Amendment : CFRUS*,40,716,120,1990

Entry / Update : OCT1991

Common Name : Acetylene

RTECS Number : AO9600000

CAS Number : 74-86-2

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1001. CLASS (2.1): FLAMMABLE GAS. SPECIAL PROVISIONS: 46, 48, 56, 90, 100, 102, 110. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 15 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ACETYLENE DISSOL</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>FORBIDDEN. SPECIAL PROVISIONS: 47. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ACETYLENE LIQUIFIED).</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>APPENDIX E - SIMPLE ASPHYXIANT. PRESCRIBED BYTHE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>

Common Name : Acetylene

RTECS Number : AO9600000

CAS Number : 74-86-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 5 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 50 TONNES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 01JUN1990</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 50 TONNES AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: HEATING MAY CAUSE AN EXPLOSION (R 5). EXPLOSIVE WITH OR WITHOUT CONTACT WITH AIR (R 6). F - HIGHLY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). LABEL: F - HIGHLY FLAMMABLE; HEATING MAY CAUSE AN EXPLOSION (R 5); EXPLOSIVE WITH OR WITHOUT CONTACT WITH AIR (R 6); EXTREMELY FLAMMABLE (R 12); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	IMPRT		RSTR	<p>ACETYLENE MAY ONLY BE IMPORTED UNDER LICENCE AND WHEN REMAINING IN THE CYLINDER IN WHICH IT WAS IMPORTED.</p> <p><u>Title</u> : THE COMPRESSED ACETYLENE (IMPORTATION) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1723,,1978 <u>Effective Date</u> : 6DEC1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	AIR	OCC	RECL	<p>ASPHYXIANT: MONITORING THE OXYGEN CONTENT OF AIR IS OFTEN THE BEST MEANS OF ENSURING SAFETY, WHEN IN PRESENCE OF ASPHYXIANTS. SPECIAL CONSIDERATION IN APPLICATION TO WORK IN MINES AND QUARRIES. MANY ASPHYXIANTS PRESENT A FIRE OR EXPLOSION RISK AT CONCENTRATIONS WELL BELOW THOSE AT WHICH ASPHYXIATION IS LIKELY TO OCCUR. THEY ARE NOT SUBSTANCES HAZARDOUS TO HEALTH FOR THE PURPOSES OF THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS 1988.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : Acetylene

RTECS Number : AO960000

CAS Number : 74-86-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 5 TONNES, MANUFACTURERS MUST DEMONSTRATE TO THE HEALTH AND SAFETY EXECUTIVE THAT ANY MAJOR ACCIDENT HAZARDS HAVE BEEN IDENTIFIED AND THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PREVENT OR LIMIT THE CONSEQUENCES OF A MAJOR ACCIDENT INVOLVING THIS DANGEROUS SUBSTANCE. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. FOR THE ISOLATED STORAGE OF QUANTITIES EQUAL TO OR GREATER THAN 50 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 50 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> SEP1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE MANUFACTURE OF ACETYLENE IF THE PROCESS MAY RESULT IN THE RELEASE OF THE SUBSTANCE INTO THE AIR (OTHER THAN IN PROCESSES INVOLVING RUBBER), IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED). (APPLIES TO ETHYLENE, ACETYLENE AND PROPYLENE MIXTURES, REFRIGERATED LIQUID, CONTAINING ATLEAST 71.5 PERCENT ETHYLENE WITH NOT MORE THAN 22.5 PERCENT ACETYLENE AND NOT MORE THAN 6 PERCENT PROPYLENE). UN NO. 3138.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO DISSOLVED ACETYLENE). UN NO.1001.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>

Common Name : Acetylene

RTECS Number : AO9600000

CAS Number : 74-86-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSIBILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSIBILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 5T.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID.(APPLIES TO DISSOLVED ACETYLENE). UN NO. 1001</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED). SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID. (APPLIES TO ETHYLENE, ACETYLENE AND PROPYLENE IN MIXTURES, REFRIGERATED LIQUID, CONTAINING AT LEAST 71.5 PERCENT ETHYLENE WITH NOT MORE THAN 22.5 PERCENT ACETYLENE AND NOT MORE THAN 6 PERCENT PROPYLENE). UN NO. 3138</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>SIMPLE ASPHYXIANTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT TO EXCEED 300 POUNDS/PACKAGE IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE SHADED FROM RADIANT HEAT. ALL SHIPMENTS MUST BE LABELED FLA MMABLE GAS. LIQUID FORBIDDEN IN TRANSPORT.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991</p>

Common Name : Acetylene Tetrachloride

RTECS Number : KI8575000

CAS Number : 79-34-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 7 MG/M3 (1 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 1 PPM, 7 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1702. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO ADVERTISE, SELL OR IMPORT INTO CANADA PRODUCTS THAT CONSIST OF OR CONTAIN 1,1,1,2,2-TETRACHLOROETHANE WHERE SUCH PRODUCTS ARE PACKAGED AS CONSUMER PRODUCTS. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,24,4625,1988 <u>Effective Date</u> : 01NOV1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Acetylene Tetrachloride

RTECS Number : KI8575000

CAS Number : 79-34-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 1 ML/M3 (PPM); 7 MG/M3 (20C, 101.3 KPA). DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. VAPOUR PRESSURE: 0.7 KPA AT 20C. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991
DEU	REG	AIR	EMI	MPC	THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H. <u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	USE	-	PRO	1,1,2,2-TETRACHLOROETHANE OR HAZARDOUS SUBSTANCES WITH A MASS CONTENT OF MORE THAN 1 % OF 1,1,2,2-TETRACHLOROETHANE MAY NOT BE USED. THIS DOES NOT APPLY WHEN FOR TECHNICAL REASONS THESE HAZARDOUS SUBSTANCES CAN NOT BE REPLACED BY LESS HAZARDOUS SUBSTANCES, FORMULATIONS OR PRODUCTS. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
DEU	REG	SALE USE	CONSM CONSM	PRO PRO	IT IS PROHIBITED TO MARKET THE SUBSTANCE OR PRODUCTS CONTAINING THE SUBSTANCE AS A SOLVENT OR CONTAINING MORE THAN 0.01 % OF THE SUBSTANCE (APPLIES ALSO TO IMPURITIES) FOR PRIVATE USE AND USE IN NON-COMMERCIALY USED ROOMS. <u>Title</u> : FIRST ORDINANCE ON CHLORINATED ALIPHATICS (1.CHLORALIPHATENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1059,1991 <u>Effective Date</u> : 09MAY1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992

Common Name : Acetylene Tetrachloride

RTECS Number : KI8575000

CAS Number : 79-34-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 26/27). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 26/27); KEEP OUT OF REACH OF CHILDREN (S 2); IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT (S 38); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 7%: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 26/27). FROM 1% TO 7%: T - TOXIC; TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 23/24). FROM 0.1% TO 1%: XN - HARMFUL; HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC*,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REC	USE	AGRIC PESTI	PRO	<p>AGRICULTURAL, HORTICULTURAL AND HOME GARDEN USES AS AN INSECTICIDE WITHDRAWN. REASONS FOR THE CONTROL ACTION: BECAUSE THEY ARE AN ACUTE (NARCOTIC) AND CHRONIC (LIVER DAMAGE) HAZARD TO HUMANS.</p> <p><u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.</p> <p><u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : 1969/1970</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL	-	CLASS RQR	<p>LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2XE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1702</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 6.9 MG/M3 (1 PPM). SKIN ABSORPTION MUST ALSO BE CONSIDERED.</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 35 MG/M3 (5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 70 MG/M3 (10 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX* ,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX* ,,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	AMBI	MAC	<p>0.06 MG/M3 1X/D.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>

Common Name : Acetylene Tetrachloride

RTECS Number : KI8575000

CAS Number : 79-34-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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USA	REC	SAFTY USE	OCC OCC	MXL MXL	150 PPM
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Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,218,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,218,1990Entry / Update : OCT1991

USA	REC	AIR	OCC	TLV	
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TIME WEIGHTED AVG (TWA) 1 PPM, 6.9 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.

Title : THRESHOLD LIMIT VALUESReference : ACGIH*,11,1989Effective Date : 1989Last Amendment : ACGIH*,11,1991Entry / Update : DEC1991

USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	
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THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).

Title : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.Reference : FEREAC,45,,78541,1980Effective Date : 1980Last Amendment : CFRUS*,40,261,33,1990Entry / Update : JAN1992

USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	
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THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).

Title : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.Reference : FEREAC,45,,78541,1980Effective Date : 1980Last Amendment : CFRUS*,40,261,33,1990Entry / Update : JAN1992

USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	
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FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).

Title : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCESReference : CFRUS*,40,372,65,1988Effective Date : 1987Last Amendment : CFRUS*,40,372,65,1988Entry / Update : OCT1991

USA	REG	AQ	DRINK	CLASS	
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AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).

Title : SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTSReference : FEREAC,53,,1892,1988Effective Date : 1988Last Amendment : FEREAC,56,,1473,1991Entry / Update : OCT1991

USA	REG	AQ AQ	GRND GRND	MONIT MXL	
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THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.

Title : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.Reference : FEREAC,52,,25947,1987Effective Date : 1987Last Amendment : CFRUS*,40,264,,1990Entry / Update : SEP1991

Common Name : Acetylene Tetrachloride

RTECS Number : KI8575000

CAS Number : 79-34-5

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ	-	RQR	; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981 <u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	100 (45.4); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991
USA	REG	AIR	EMI	RQR	; SUMMARY - FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985 <u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991

Common Name : **Acridine**RTECS Number : **AR7175000**CAS Number : **260-94-6**Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2713. CLASS (6.1): POISONOUS. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 100 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 200 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2713 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2713 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990

Common Name : Acrolein

RTECS Number : AS1050000

CAS Number : 107-02-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.25 MG/M3 (0.1 PPM), 15 MIN - STEL : 0.8 MG/M3 (0.3 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISLCOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED USE ASA HERBICIDE, SLIMICIDE. (FORMULATION: PRESSURIZED PRODUCT). CODE ACL. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.1 PPM, 0.25 MG/M3; STEL: 0.3 PPM, 0.8 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1092. CLASS (3.1): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 84, 99, 109, 118. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.5 MG/M3; CLV: 1.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>

Common Name : Acrolein

RTECS Number : AS1050000

CAS Number : 107-02-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.1 ML/M3 (PPM); 0.25 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 ML/M3 (PPM); 0.5 MG/M3; CEILING VALUE; 8X/SHIFT. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGFDf,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN 2-PROPENAL ARE CLASSIFIED INTO CLASS IB, I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>

Common Name : **Acrolein**RTECS Number : **AS1050000**CAS Number : **107-02-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). T - TOXIC; TOXIC IF SWALLOWED (R 25). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: F - HIGHLY FLAMMABLE; T+ - VERY TOXIC; HIGHLY FLAMMABLE (R 11); TOXIC IF SWALLOWED (R 25); VERY TOXIC BY INHALATION (R 26); CAUSES BURNS (R 34); KEEP IN A COOL, WELL-VENTILATED PLACE AWAY FROM...(INCOMPATIBLE MATERIALS TO BE INDICATED BY THE MANUFACTURER) (S 3/9/14); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT (S 38); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p>Title : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p>Reference : OJEC**,196,,1,1967 Effective Date : 1JUL1992</p> <p>Last Amendment : OJEC**,L 180,,79,1991 Entry / Update : APR1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 20 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 200 TONNES.</p> <p>Title : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p>Reference : OJEC**,L230,,1,1982 Effective Date : 01JUN1990</p> <p>Last Amendment : OJEC**,L336,,14,1988 Entry / Update : FEB1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 200 TONNES AND ABOVE.</p> <p>Title : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p>Reference : OJEC**,L230,,1,1982 Effective Date :</p> <p>Last Amendment : OJEC**,L336,,14,1988 Entry / Update : FEB1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 20 TONNES, MANUFACTURERS MUST DEMONSTRATE TO THE HEALTH AND SAFETY EXECUTIVE THAT ANY MAJOR ACCIDENT HAZARDS HAVE BEEN IDENTIFIED AND THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PREVENT OR LIMIT THE CONSEQUENCES OF A MAJOR ACCIDENT INVOLVING THIS DANGEROUS SUBSTANCE. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. FOR THE ISOLATED STORAGE OF QUANTITIES EQUAL TO OR GREATER THAN 200 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p>Title : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p>Reference : GBRSI*,1902,,1984 Effective Date : 31DEC1990</p> <p>Last Amendment : GBRSI*,2325,,1990 Entry / Update : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.25 MG/M3 (0.1 PPM). STEL (10 MIN-TWA): 0.8 MG/M3 (0.3 PPM)</p> <p>Title : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p>Reference : GBRSI*,1657,,10,1988 Effective Date : 01JAN1992</p> <p>Last Amendment : GNHSE*,EH40,,11,1992 Entry / Update : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 200 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p>Title : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p>Reference : GBRSI*,1902,,1984 Effective Date : 31DEC1990</p> <p>Last Amendment : GBRSI*,2325,,1990 Entry / Update : SEP1992</p>

Common Name : Acrolein

RTECS Number : AS1050000

CAS Number : 107-02-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE.SUBSIDIARY RISK LABEL: INFLAMMABLE LIQUID. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO INHIBITED ACROLEIN). UN NO.1092. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFTY STORE IMPRT		RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 20 T. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 0.23 MG/M3 (0.1 PPM) <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.25 MG/M3 (0.1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.8 MG/M3 (0.3 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,,1984 <u>Last Amendment :</u> DOMEX*,,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.2 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	AMBI	MAC	0.03 MG/M3, 1X/D; 0.03 MG/M3. AV/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.2 MG/M3 (0.1 PPM); 15 MIN - STEL: 0.7 MG/M3 (0.3 PPM) <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992

Common Name : Acrolein

RTECS Number : AS1050000

CAS Number : 107-02-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID). PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO INHIBITED ACROLEIN). UN NO.1092. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	SAFTY USE	OCC OCC	MXL MXL	5 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,32,1990 <u>Last Amendment :</u> XPHPAW,90,117,32,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 PPM, 0.23 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 0.3 PPM, 0.69 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Entry / Update :</u> NOV1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112-NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FEREAC,50,,46290,1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Effective Date :</u> 1985 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ	EMI INDST	RQR RQR	BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FRO M THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT. <u>Title :</u> 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS <u>Reference :</u> FEREAC,44,,44502,1979 <u>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Effective Date :</u> 1979 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991

Common Name : Acrolein

RTECS Number : AS1050000

CAS Number : 107-02-8

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME ACROLEIN THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference</u> : FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	INHIBITED: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED ON CARGO VESSELS ON OR BELOW DECK. FORBIDDEN ON PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE KEPT COOL, STORED AWAY FROM LIVING QUARTERS, AND LABELED FLAMMABLE LIQUID AND POISON. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID AND POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991 <u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991
USA	REG	FOOD MANUF LABEL	ADDIT ADDIT	RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE SAFELY USED IN THE MANUFACTURE OF PAPER AND PAPERBOARD THAT CONTACTS FOOD. THE QUANTITY ADDED TO PAPER PRODUCTION SHALL NOT EXCEED THE AMOUNT NECESSARY TO ACCOMPLISH THE INTENDED TECHNICAL EFFECT. TO INSURE SAFE USAGE, THE LABEL OR LABELING OF SLIMICIDES SHALL BEAR ADEQUATE DIRECTIONS FOR USE. <u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS-SLIMICIDES <u>Reference</u> : FEREAC,42,,14554,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,176,300,1988 <u>Entry / Update</u> : NOV1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991

Common Name : **Acrolein**RTECS Number : **AS1050000**CAS Number : **107-02-8**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	FORMULATIONS WITH ACROLEIN AS THE SOLE ACTIVE INGREDIENT ARE RESTRICTED FOR ALL USES. NO MIXTURES WITH ACROLEIN ARE REGISTERED WITH THE EPA.THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. <u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE <u>Reference</u> : FEREAC,43,,5790,1978 <u>Effective Date</u> : 1978 <u>Last Amendment</u> : CFRUS*,40,152,175,1990 <u>Entry / Update</u> : JAN1992
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991

Common Name : **Acrylamide**RTECS Number : **AS3325000**CAS Number : **79-06-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.03 MG/M3. SKIN ABSORPTION, CARCINOGENIC.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>(INTENDED CHANGES - TWA: 0.3 MG/M3; STEL: 0.6 MG/M3; SKIN ABSORPTION). PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2074. CLASS (6.1): POISONOUS. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 100 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 200 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
DEU	REC	AIR	OCC	MAK	<p>DANGER OF CUTANEOUS ABSORPTION. CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. GERM CELL MUTAGENS GROUP 2: DEMONSTRATED TO BE GERM CELL MUTAGEN IN EXPERIMENTAL MAMMALS.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.06 MG/M3, CALCULATED AS TOTAL DUST. APPLIES TO THE USE OF SOLID ACRYLAMIDE. 8H-TWA: 0.03 MG/M3, CALCULATED AS TOTAL DUST. APPLIES TO ALL OTHER CASES. THE LOWER TRK VALUE IS BASED ON THE LOWEST LEVEL PRODUCING AN EFFECT. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title :</u> TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRRLICHE STOFFE")</p> <p><u>Reference :</u> BNDS6,,2,120,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> BNDS6,,11,52,1991 <u>Entry / Update :</u> JAN1992</p>

Common Name : Acrylamide

RTECS Number : AS3325000

CAS Number : 79-06-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	CLASS PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33); TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 0.3 MG/M3 - SKIN ABSORPTION -</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: HARMFUL SUBSTANCE. EMERGENCY ACTION CODE : 2PE</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
GBR	REG	TRNSP AQ	MARIN EMI	RQR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO ACRYLAMIDE SOLUTION OF 50% OR LESS).</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER.(APPLIES TO ACRYLAMIDE, SOLID OR SOLUTION). UN NO. 2074</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>

Common Name : Acrylamide

RTECS Number : AS3325000

CAS Number : 79-06-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	AIR	OCC	MAC	TWA: 0.3 MG/M3 SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.3 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.6 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REG	AQ	SURF	MAC CLASS	0.01 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.2 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.3 MG/M3, 15 MIN - STEL: 0.9 MG/M3 (SKIN ABSORPTION). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2074. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.03 MG/M3, SKIN A2, SKIN. A2= SUSPECTED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	DRINK	CLASS	FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title :</u> SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference :</u> FEREAC,54,97,22140,1989 <u>Effective Date :</u> MAY221989 <u>Last Amendment :</u> FEREAC,54,97,22104,1989 <u>Entry / Update :</u> OCT1991

Common Name : Acrylamide

RTECS Number : AS3325000

CAS Number : 79-06-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1,000/10,000 RQ=5,000 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	USE PACK	-	RQR RQR	<p>THIS SUBSTANCE IS LISTED AS A RESIN OR POLYMER. THIS LIMITATION APPLIES WHEN ACRYLAMIDE IS COPOLYMERIZED WITH ETHYL ACRYLATE AND/OR STYRENE AND/OR METHACRYLIC ACID, AND THE COPOLYMER SUBSEQUENTLY REACTED WITH FORMALDEHYDE AND BUTANOL. THIS SUBSTANCE IS INCLUDED IN A LIST OF RESINOUS AND POLYMERIC COATINGS WHICH MAY BE USED AS THE FOOD CONTACT SURFACE OF ARTICLES IF THE COATING IS APPLIED AS A CONTINUOUS FILM PRODUCED FROM ANY BASIC OLEFIN POLYMER LISTED IN 21 CFR 177.1520 1988 AND FOR MULATED FROM OPTIONAL SUBSTANCES WHICH ARE RECOGNIZED AS SAFE FOR USE IN OR ON FOOD AND FROM SUBSTANCES SUBJECT TO LIMITATIONS AS DESCRIBED HERE.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS FOR POLYOLEFIN FILMS</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,320,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ	DRINK	MPC	<p>MUST BE TREATED USING THE TECHNIQUE LISTED IN 40 CFR 141.111. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>

Common Name : Acrylamide

RTECS Number : AS3325000

CAS Number : 79-06-1

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	USE FOOD STORE MANUF PACK	- ADDIT	RSTR RSTR RSTR RSTR RSTR	REFERS TO HOMO AND COPOLYMERS. THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT OR OIL ON THE SURFACE. THESE SUBSTANCES ARE NOT TO BE USED IN QUANTITIES WHICH EXCEED THAT REQUIRED TO ACCOMPLISH THEIR INTENDED PHYSICAL OR TECHNICAL EFFECT AND ARE SO USED AS TO ACCOMPLISH NO EFFECT IN FOOD OTHER THAN THAT ORDINARILY ACCOMPLISHED BY PACKAGING. <u>Title :</u> INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD <u>Reference :</u> FEREAC,42,,14554,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,176,180,1988 <u>Entry / Update :</u> NOV1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2070) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FEREAC,50,,46290,1985 <u>Effective Date :</u> 1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Entry / Update :</u> SEP1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	; SUMMARY - THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992
WHO	REC	AQ	DRINK	GL	0.5 UG/L FOR 1/100 000 EXCESS CANCER RISK. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference :</u> WHODW*,,,1983 <u>Effective Date :</u> <u>Last Amendment :</u> WHODW*,,,1992 <u>Entry / Update :</u> OCT1992

Common Name : Acrylic acid

RTECS Number : AS4375000

CAS Number : 79-10-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 30 MG/M3 (10 PPM). (SUBMITTED FOR MODIFICATION). <u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991 <u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title</u> : <u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1991
CAN	REG	AIR	OCC	TLV	TWA: 10 PPM, 30 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title</u> : <u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986 <u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2218. CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 84. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 1 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ACRYLIC ACID INHIBITED). <u>Title</u> : <u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	EXPERIENCE IN HUMANS OR IN ANIMAL EXPERIMENTATION HAS NOT PROVIDED SUFFICIENT INFORMATION FOR ESTABLISHMENT OF A MAK VALUE. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992

Common Name : **Acrylic acid**RTECS Number : **AS4375000**CAS Number : **79-10-7**Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : Acrylic acid

RTECS Number : AS4375000

CAS Number : 79-10-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY UNTIL 1 JANUARY 1993 BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985). (APPLIES TO ACRYLIC ACID, ESTERS WITH GLYCOLETHERS OBTAINED FROM MONO- AND/OR DIGLYCOLS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC (C1-C18)).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1991</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY UNTIL 1 JANUARY 1993 BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985). (APPLIES TO ACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, POLYHYDRIC (C2-C21)).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1991</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY UNTIL 1 JANUARY 1993 BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985). (APPLIES TO ACRYLIC ACID, ESTERS WITH ETHER ALCOHOLS).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 10%: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). APPLIES TO ACRYLATES WITH THE EXCEPTION OF THOSE SPECIFIED ELSEWHERE IN THE LIST.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : Acrylic acid

RTECS Number : AS4375000

CAS Number : 79-10-7

Area Type Subject Spec. Description Level / Summary Information :

EEC REG FOOD - -
PACK ADDIT PRMT

THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).

Title : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).

Reference : OJEC**,L75,,19,1990 Effective Date : 31DEC1990

Last Amendment : Entry / Update : 1991

EEC REG LABEL CONSM RQR

THE IMMEDIATE PACKAGING OF GLUES BASED ON CYANOACRYLATE MUST BEAR THE FOLLOWING INSCRIPTIONS: 'CYANOACRYLATE. DANGER. BONDS SKIN AND EYES IN SECONDS. KEEP OUT OF THE REACH OF CHILDREN.' APPROPRIATE ADVICE ON SAFETY MUST ACCOMPANY THE PACKAGE.

Title : COUNCIL DIRECTIVE OF 7 JUNE 1988 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (88/379/EEC).

Reference : OJEC**,L187,,14,1988

Effective Date :

Last Amendment : OJEC**,L64,,18,1989

Entry / Update : APR1992

Common Name : **Acrylic acid**RTECS Number : **AS4375000**CAS Number : **79-10-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY UNTIL 1 JANUARY 1993 BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985). (APPLIES TO ACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, SATURATED (C1-C21)).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: C - CORROSIVE; FLAMMABLE (R 10); CAUSES BURNS (R 34); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); WEAR SUITABLE PROTECTIVE CLOTHING (S 36). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: C - CORROSIVE; CAUSES BURNS (R 34). FROM 2% TO 25%: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). WHEN THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ENTERING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY UNTIL 1 JANUARY 1993 BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985). (APPLIES TO ACRYLIC ACID, ESTERS WITH ALCOHOLS, ALIPHATIC, MONOHYDRIC, UNSATURATED (C4-C18)).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1991</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 30 MG/M³ (10 PPM). STEL (10 MIN-TWA): 60 MG/M³ (20 PPM).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	EMI	RSTR	<p>A NOXIOUS OR OFFENSIVE SUBSTANCE FOR WHICH PERSONS RESPONSIBLE FOR PRESCRIBED PREMISES (SCHEDULE 1 OF THE REGULATIONS) ARE IMPOSED TO USE THE BEST PRACTICABLE MEANS FOR PREVENTING EMISSIONS OR RENDERING THE SUBSTANCE HARMLESS OR INOFFENSIVE. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF THE EC DIRECTIVES 87/217/EEC AND 84/360/EEC.</p> <p><u>Title</u> : THE HEALTH AND SAFETY (EMISSIONS INTO THE ATMOSPHERE) REGULATIONS 1983</p> <p><u>Reference</u> : GBRSI*,943,,14,1983 <u>Effective Date</u> : 05AUG1983</p> <p><u>Last Amendment</u> : GBRSI*,319,,2,1989 <u>Entry / Update</u> : 1992</p>

Common Name : Acrylic acid

RTECS Number : AS4375000

CAS Number : 79-10-7

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2P (APPLIES TO INHIBITED ACRYLIC ACID)			
					<u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978			
					<u>Reference</u> : GBRSI*,1702,,,1978	<u>Effective Date</u> :	28MCH1979	
					<u>Last Amendment</u> :	<u>Entry / Update</u> :	JAN1983	
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. UN NO. 2218.			
					<u>Title</u> :			
					<u>Reference</u> :	<u>Effective Date</u> :		
					<u>Last Amendment</u> : IMCOC*,,,10004,1990	<u>Entry / Update</u> :	JAN1991	
RUS	REG	AQ	SURF	MAC CLASS	0.5 MG/L HAZARD CLASS: II			
					<u>Title</u> :			
					<u>Reference</u> :	<u>Effective Date</u> :	1JAN1989	
					<u>Last Amendment</u> : SPNPV*,4630-88,,,1988	<u>Entry / Update</u> :	JUL1990	
RUS	REG	AIR	AMBI	PSL	0.04 MG/M3 1X/D			
					<u>Title</u> :			
					<u>Reference</u> :	<u>Effective Date</u> :	DEC1983	
					<u>Last Amendment</u> : OBUAV*,2947-83,,,1983	<u>Entry / Update</u> :	SEP1985	
RUS	REG	AIR	OCC	MAC CLASS	CLV: 5.0 MG/M3 (VAPOUR) HAZARD CLASS: III			
					<u>Title</u> :			
					<u>Reference</u> :	<u>Effective Date</u> :	01JAN1989	
					<u>Last Amendment</u> : GOSTS*,12.1.005,,,1988	<u>Entry / Update</u> :	MAY1990	
RUS	REG	AIR	AMBI	MAC	0.1 MG/M3 1X/D 0.04 MG/M3 AV/D			
					<u>Title</u> :			
					<u>Reference</u> :	<u>Effective Date</u> :	NOV1989	
					<u>Last Amendment</u> : PDKAV*,5158-89,,,1989	<u>Entry / Update</u> :	JUL1990	
SWE	REG	AIR	OCC	HLV	1D-TWA: 30 MG/M3 (10 PPM), 15 MIN - STEL: 45 MG/M3 (15 PPM).			
					<u>Title</u> : HYGIENIC LIMIT VALUES.			
					<u>Reference</u> : AFS**,1990:13,,5-64,1990	<u>Effective Date</u> :	01JUL1991	
					<u>Last Amendment</u> :	<u>Entry / Update</u> :	1992	
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO INHIBITED ACRYLIC ACID). UN NO. 2218			
					<u>Title</u> :			
					<u>Reference</u> :	<u>Effective Date</u> :		
					<u>Last Amendment</u> : UNTDG*,,,15,1989	<u>Entry / Update</u> :	AUG1990	
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 2.0 PPM, 5.9 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.			
					<u>Title</u> : THRESHOLD LIMIT VALUES			
					<u>Reference</u> : ACGIH*,,,11,1989	<u>Effective Date</u> :	1989	
					<u>Last Amendment</u> : ACGIH*,,,11,1991	<u>Entry / Update</u> :	DEC1991	

Common Name : Acrylic acid

RTECS Number : AS4375000

CAS Number : 79-10-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	USE FOOD STORE MANUF PACK	- ADDIT	RSTR RSTR RSTR RSTR	<p>REFERS TO HOMO AND COPOLYMERS. THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT OR OIL ON THE SURFACE. THESE SUBSTANCES ARE NOT TO BE USED IN QUANTITIES WHICH EXCEED THAT REQUIRED TO ACCOMPLISH THEIR INTENDED PHYSICAL OR TECHNICAL EFFECT AND ARE SO USED AS TO ACCOMPLISH NO EFFECT IN FOOD OTHER THAN THAT ORDINARILY ACCOMPLISHED BY PACKAGING.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD</p> <p><u>Reference</u> : FEREAC,42,,14554,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,176,180,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 5 PINTS/PACKAGE. MAY BE TRANSPORTED ON CARGO AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE LABELED CORROSIVETHIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : **Acrylic acid**RTECS Number : **AS4375000**CAS Number : **79-10-7**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2070) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990	<u>Effective Date</u> : 1990 <u>Entry / Update</u> : SEP1991
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Common Name : Adipic acid

RTECS Number : AU8400000

CAS Number : 124-04-9

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): NA9077. CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 49. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CSK	REG	FOOD GOODS	-	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE PLASTIC MATERIALS: 5 MG/G. <u>Title :</u> DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS <u>Reference :</u> HPMZC*,42,,,1978 <u>Effective Date :</u> 1JUL1978 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REC	AQ USE	-	CLASS RQR	INDST THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 0). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	RQR CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	RQR CLASS: XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: XI - IRRITANT; IRRITATING TO EYES (R 36). <u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992

Common Name : Adipic acid

RTECS Number : AU8400000

CAS Number : 124-04-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS STARCH MODIFYING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,404,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,374,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>2.0 MG/L HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 4.0 MG/M3 (AEROSOL) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>5000 (2070) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>5000 (2270) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>

Common Name : **Aflatoxin B1**RTECS Number : **GY1925000**CAS Number : **1162-65-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MPC	LIMIT OF CONTAMINANT IN FOOD PRODUCTS: 0.005 MG/KG (GENERAL); 0.0001-0.001 MG/KG (IN CHILDREN'S FOOD). <u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986 <u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	-	MPC	ENZYMES AND ENZYME PREPARATIONS USED FOR FOOD PRODUCTION: 0.05 UG/KG. APPLIES TO THE SUM OF AFLATOXINS B1, B2, G1, G2. OTHER FOOD PRODUCTS: 4 UG/KG. APPLIES TO THE SUM OF AFLATOXINS B1, B2, G1, G2. OTHER FOOD PRODUCTS: 2 UG/KG. APPLIES TO AFLATOXIN B1. <u>Title</u> : ORDINANCE ON AFLATOXINS (AFLATOXIN-VERORDNUNG) <u>Reference</u> : BGZBAD,,I,3313,1976 <u>Effective Date</u> : 17MAY1991 <u>Last Amendment</u> : BGZBAD,,I,2443,1990 <u>Entry / Update</u> : JAN1992
EEC	REG	FEED	-	MPC	MAXIMUM PERMITTED CONTENT OF THE SUBSTANCE IN THE SPECIFIED RAW MATERIALS IS 0.2 MG/KG OF RAW MATERIAL WITH A MOISTURE CONTENT OF 12%. THE RAW MATERIALS MAY BE MARKETED ONLY IF THEIR CONTENT OF THE SUBSTANCE DOES NOT EXCEED THE MAXIMUM LEVEL LAID DOWN. <u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC). <u>Reference</u> : OJEC**,L38,,31,1974 <u>Effective Date</u> : 03DEC1988 <u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : SEP1987
EEC	REG	FEED	METHD	RQR	METHOD OF ANALYSIS FOR THE DETERMINATION OF THE SUBSTANCE IN FEEDINGSTUFFS IS LAID DOWN. AFLATOXIN B1 IS DETERMINED AFTER EXTRACTION OF THE SAMPLE BY ONE-DIMENSIONAL OR TWO-DIMENSIONAL TLC; ITS QUANTITY IS DETERMINED UNDER UV IRRADIATION OF THE CHROMATOGRAM, EITHER VISUALLY OR BY FLUORODENSITOMETRY. <u>Title</u> : SEVENTH COMMISSION DIRECTIVE OF 1 MARCH 1976 ESTABLISHING COMMUNITY METHODS OF ANALYSIS FOR THE OFFICIAL CONTROL OF FEEDINGSTUFFS (76/372/EEC). <u>Reference</u> : OJEC**,L102,,8,1976 <u>Effective Date</u> : 01DEC1981 <u>Last Amendment</u> : OJEC**,L246,,32,1981 <u>Entry / Update</u> : OCT1987
EEC	REG	FEED	-	MPC	MAXIMUM PERMITTED LEVELS OF AFLATOXIN B1 IN STRAIGHT FEEDINGSTUFFS AT A MOISTURE CONTENT OF 12%: 0.05 MG/KG (EXCEPT IN SPECIFIED PRODUCTS: 0.02 MG/KG); IN COMPLETE FEEDINGSTUFFS: 0.01-0.05 MG/KG; IN COMPLEMENTARY FEEDINGSTUFFS: 0.005-0.05 MG/KG. <u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC). <u>Reference</u> : OJEC**,L38,,31,1974 <u>Effective Date</u> : 30NOV1991 <u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : SEP1987
GBR	REG	FEED SALE USE		MRL RSTR RSTR	THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.005-0.05 MG/KG REFERRED TO A MOISTURE CONTENT OF 12% IS PROHIBITED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 74/63/EEC, LAST AMENDED BY 91/132/EEC. <u>Title</u> : THE FEEDING STUFFS REGULATIONS 1991 <u>Reference</u> : GBRSI*,2840,,,1991 <u>Effective Date</u> : 22JAN1992 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
GBR	REG	FEED SALE USE	-	MRL RSTR RSTR	THE SALE AND USE OF SEED PRODUCTS AS AN INGREDIENT OF FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.2MG/KG REFERRED TO A MOISTURE CONTENT OF 12% IS PROHIBITED EXCEPT FOR MEDICINAL OR VETERINARY USE OR UNDER CERTAIN SPECIFIED CONDITIONS. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 74/63/EEC, LAST AMENDED BY 91/132/EEC. <u>Title</u> : THE FEEDING STUFFS REGULATIONS 1991 <u>Reference</u> : GBRSI*,2840,,,1991 <u>Effective Date</u> : 22JAN1992 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
CSK	REG	FOOD	-	MPC	LIMIT OF CONTAMINANT IN FOOD PRODUCTS: 0.01 MG/KG (GENERAL); 0.0002-0.002 MG/KG (IN CHILDREN'S FOOD). (APPLIES TO THE SUM OF AFLATOXIN B1, AFLATOXIN G1 AND AFLATOXIN G2). <u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986 <u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991

Common Name : Aflatoxin B2**RTECS Number :** GY1722000**CAS Number :** 7220-81-7**Area Type Subject Spec. Description Level / Summary Information :**

DEU	REG	FOOD	-	MPC	ENZYMES AND ENZYME PREPARATIONS USED FOR FOOD PRODUCTION: 0.05 UG/KG. OTHER FOOD PRODUCTS: 4 UG/KG. APPLIES TO THE SUM OF AFLATOXINS B1, B2, G1, G2.
					Title : ORDINANCE ON AFLATOXINS (AFLATOXIN-VERORDNUNG)
					Reference : BGZBAD,,I,3313,1976 Effective Date : 17MAY1991
					Last Amendment : BGZBAD,,I,2443,1990 Entry / Update : JAN1992

Common Name : **Aflatoxin G1**RTECS Number : **LV1720000**CAS Number : **1165-39-5**Area Type Subject Spec. Description Level / Summary Information :

CSK	REG	FOOD	-	MPC	LIMIT OF CONTAMINANT IN FOOD PRODUCTS: 0.01 MG/KG (GENERAL); 0.0002-0.002 MG/KG (IN CHILDREN'S FOOD). (APPLIES TO THE SUM OF AFLATOXIN B1, AFLATOXIN G1 AND AFLATOXIN G2). <u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986 <u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	-	MPC	ENZYMES AND ENZYME PREPARATIONS USED FOR FOOD PRODUCTION: 0.05 UG/KG. OTHER FOOD PRODUCTS: 4 UG/KG. APPLIES TO THE SUM OF AFLATOXINS B1, B2, G1, G2. <u>Title</u> : ORDINANCE ON AFLATOXINS (AFLATOXIN-VERORDNUNG) <u>Reference</u> : BGZBAD,,I,3313,1976 <u>Effective Date</u> : 17MAY1991 <u>Last Amendment</u> : BGZBAD,,I,2443,1990 <u>Entry / Update</u> : JAN1992
CSK	REG	FOOD	-	MPC	LIMIT OF CONTAMINANT IN FOOD PRODUCTS: 0.01 MG/KG (GENERAL); 0.0002-0.002 MG/KG (IN CHILDREN'S FOOD). (APPLIES TO THE SUM OF AFLATOXIN B1, AFLATOXIN G1 AND AFLATOXIN G2). <u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986 <u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	-	MPC	ENZYMES AND ENZYME PREPARATIONS USED FOR FOOD PRODUCTION: 0.05 UG/KG. OTHER FOOD PRODUCTS: 4 UG/KG. APPLIES TO THE SUM OF AFLATOXINS B1, B2, G1, G2. <u>Title</u> : ORDINANCE ON AFLATOXINS (AFLATOXIN-VERORDNUNG) <u>Reference</u> : BGZBAD,,I,3313,1976 <u>Effective Date</u> : 17MAY1991 <u>Last Amendment</u> : BGZBAD,,I,2443,1990 <u>Entry / Update</u> : JAN1992

Common Name : **Aflatoxin M1**RTECS Number : **GY1880000**CAS Number : **6795-23-9**

<u>Area</u>	<u>Type</u>	<u>Subject</u>	<u>Spec.</u>	<u>Description</u>	<u>Level / Summary Information :</u>
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CSK	REG	FOOD	-	MPC	LIMIT OF CONTAMINANT IN FOOD PRODUCTS: 0.005 MG/KG (GENERAL); 0.0001-0.001 MG/KG (IN CHILDREN'S FOOD). <u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference</u> : HPMZC*,43,,1978 <u>Effective Date</u> : 1JUL1986 <u>Last Amendment</u> : HPMZC*,61,,1986 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	-	MPC	MILK: 0.05 UG/KG. <u>Title</u> : ORDINANCE ON AFLATOXINS (AFLATOXIN-VERORDNUNG) <u>Reference</u> : BGZBAD,,1,3313,1976 <u>Effective Date</u> : 17MAY1991 <u>Last Amendment</u> : BGZBAD,,1,2443,1990 <u>Entry / Update</u> : JAN1992

Common Name : **Aflatoxins**RTECS Number : **AW5950000**CAS Number : **1402-68-2**Area Type Subject Spec. Description Level / Summary Information :

CSK	REG	USE LABEL PACK	OCC	CLASS RQR RSTR	SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED.
					<p><u>Title</u> : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference</u> : VMZSR*,3,,1985 <u>Effective Date</u> : 1APR1985</p> <p><u>Last Amendment</u> : VMZSR*,10,98,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	-	MPC	<p>ENZYMES AND ENZYME PREPARATIONS USED FOR FOOD PRODUCTION: 0.05 UG/KG. APPLIES TO THE SUM OF AFLATOXINS B1, B2, G1, G2. OTHER FOOD PRODUCTS: 4 UG/KG. APPLIES TO THE SUM OF AFLATOXINS B1, B2, G1, G2. OTHER FOOD PRODUCTS: 2 UG/KG. APPLIES TO AFLATOXIN B1. MILK: 0.05 UG/KG. APPLIES TO AFLATOXIN M1.</p> <p><u>Title</u> : ORDINANCE ON AFLATOXINS (AFLATOXIN-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,3313,1976 <u>Effective Date</u> : 17MAY1991</p> <p><u>Last Amendment</u> : BGZBAD,,1,2443,1990 <u>Entry / Update</u> : JAN1992</p>
F/W	REC	FOOD	-	ADI	<p>PRESENCE OF THE SUBSTANCES IN FOOD SHOULD BE REDUCED TO THE LOWEST PRACTICABLE LEVEL</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : WHFAAC,22,,179,1987 <u>Entry / Update</u> : APR1991</p>

Common Name : **Alachlor**RTECS Number : **AE1225000**CAS Number : **15972-60-8**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD USE CLASS	-	AL AGRIC CONSM CLASS	SPECIFIED PLANT PRODUCTS: 0.05-0.2 MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: III,IV (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,1,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CAN	REC	AQ	DRINK	GL MAC	LEVELS SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. TABLE 2: UNDER REVIEW FOR POSSIBLE ADDITION TO THE GUIDELINES. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title</u> : <u>Reference</u> : GWQUEQ*,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference</u> : SPPOR*,290,1990 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
DEU	REG	FOOD	PESTI	MRL	RAPE, BIRD RAPE: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.02 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IID, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >50-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992

Common Name : Alachlor

RTECS Number : AE1225000

CAS Number : 15972-60-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN SPECIFIC FOOD PRODUCTS; ADI = 0.002 MG/KG (CALCULATED VALUE) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	OCC	PSL	0.5 MG/M3 (AEROSOL) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUVR*,4613-88,,,1988 <u>Effective Date :</u> 00APR1988 <u>Entry / Update :</u> MAY1990
USA	REG	AQ	DRINK	CLASS	FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title :</u> SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference :</u> FEREAC,54,97,22140,1989 <u>Last Amendment :</u> FEREAC,54,97,22104,1989 <u>Effective Date :</u> MAY221989 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	DRINK	MPC	0.002 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title :</u> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference :</u> FEREAC,40,,59570,1975 <u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Effective Date :</u> 1975 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, ALACHLOR, 1984.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMI CALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL E FFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992
WHO	REC	AQ AQ	DRINK PESTI	GL GL	20 UG/L (FOR 1/100 000 EXCESS CANCER RISK). THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference :</u> WHODW*,,,1983 <u>Last Amendment :</u> WHODW*,,,1992 <u>Effective Date :</u> <u>Entry / Update :</u> OCT1992

Common Name : Aldicarb

RTECS Number : UE2275000

CAS Number : 116-06-3

Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE	- AGRIC CONSM	AL PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.02-1 MG/KG; SECURITY INTERVAL: 21-90 DAYS, DIFFERENT FOR CERTAIN USES; THE RESIDUE INCLUDES THE SUM OF ALDICARB, ITS SULFOXIDE AND ITS SULFONE, DETERMINED AS AND EXPRESSED AS ALDICARB. USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REC	AQ	DRINK	GL MAC	MAC: 0.009 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED, MANUFACTURING USE AS INSECTICIDE; NEMATOCIDE. (FORMULATION: GRANULAR, SOLID). CODE ADC. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS: 0.5 PPM.(APPLIES TO ALDICARB, INCLUDING THE METABOLITES ALDICARB SULFOXIDE AND ALDICARB SULFONE). THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 03FEB1977 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON. <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	GOODS	PESTI	MRL	TOBACCO: 10.0 MG/KG. APPLIES TO THE SUM OF ALDICARB, ALDICARB SULFOXIDE AND ALDOXYCARB; CALCULATED AS ALDICARB. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991

Common Name : Aldicarb

RTECS Number : UE2275000

CAS Number : 116-06-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>ALL PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG, APPLIES TO THE SUM OF ALDICARB, ALDICARB SULFOXIDE AND ALDOXYCARB; CALCULATED AS ALDICARB.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF ALDICARB, ALDICARB SULFOXIDE AND ALDOXYCARB; CALCULATED AS ALDICARB.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	USE IMPRT	PESTI	RSTR RSTR	<p>APPLICATION ONLY ADMISSABLE OUTSIDE PROTECTED WATER AREAS AND PROTECTED MINERAL SPRING AREAS FOR SOIL TREATMENT IN THE CULTIVATION OF ORNAMENTAL PLANTS AND SUGAR-BEETS, IN TREE-NURSERIES, VINE-NURSERIES, AND STRAWBERRY PROPAGATION FACILITIES. FRUIT HARVESTED IN THE YEAR OF APPLICATION MAY NOT BE UTILIZED. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. SEEDLINGS, PLANTING MATERIAL OR CULTURE SUBSTRATUM CONTAINING THE SUBSTANCE MAY NOT BE IMPORTED EXCEPT WHEN THE SUBSTANCE WAS APPLIED FOR THE ABOVE USES.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 100 KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>

Common Name : Aldicarb

RTECS Number : UE2275000

CAS Number : 116-06-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 27/28). LABEL: T+ - VERY TOXIC; VERY TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 27/28); DO NOT BREATHE DUST (S 22); WEAR SUITABLE PROTECTING CLOTHING AND GLOVES (S 36/37); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.005 MG/KG BW; MRL: SUGAR BEET LEAVES: 1 MG/KG; BANANAS, PECANS, POTATOES, SORGHUM FODDER (ON DRY-WEIGHT BASIS): 0.5 MG/KG; SORGHUM: 0.2 MG/KG; BEANS (DRIED), COFFEE BEANS, COTTONSEED, SWEET POTATOES: 0.1 MG/KG; ONIONS, PEANUTS (KERNELS), SUGAR BEETS: 0.05 MG/KG; SOYBEANS: 0.02 MG/KG; CARCASS MEAT, MILK: 0.01 MG/KG (DETERMINED AS SUM OF ALDICARB, ITS SULPHOXIDE AND SULPHONE, EXPRESSED AS ALDICARB)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA* XIII,,117-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	USE	PESTI	RQR	<p>FULL PROTECTIVE CLOTHING MUST BE WORN. A RESPIRATOR IS REQUIRED WHEN APPLYING AEROSOLS OR ATOMISING FLUIDS IN GLASS OR MUSHROOM HOUSES</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	STORE TRNSP		RQR RQR	<p>GENERAL REQUIREMENTS CONCERNING CONTAINERS, STORAGE AND TRANSPORT OF POISONS ARE LAID DOWN.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : 1986</p>
GBR	REG	SALE STORE		RSTR RQR	<p>A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>
GBR	REG	SALE		RSTR	<p>POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>
GBR	REG	SALE		RSTR	<p>THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>
GBR	REG	CLASS SALE		CLASS RSTR	<p>POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST.</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBRSI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>

Common Name : Aldicarb

RTECS Number : UE2275000

CAS Number : 116-06-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN INSECTICIDE AND NEMATICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG** ,,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN A1 = 100->15%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN A1 = 15->1%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1 = 1->0% OF SOLID OR LIQUID. UN NOS. 2758; 2991; 2992; 2757</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC* ,,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT		RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787 ,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
KEN	REG	FOOD	PESTI	MRL	<p>COTTONSEED: 0.1 MG/KG.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
RUS	REG	USE	AGRIC	PRO	<p>PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OSUMH* ,,,23MCH,1986 <u>Entry / Update</u> : AUG1988</p>
SWE	REG	FOOD	PESTI	MTC	<p>CITRUS FRUITS: 0.2 MG/KG (PRELIMINARY) (INCL. ALDICARB, ITS SULFOXIDE AND ITS SULFONE)</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992</p>

Common Name : Aldicarb

RTECS Number : UE2275000

CAS Number : 116-06-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	USE	PESTI	PRO	SUSPENDED DUE TO ITS HIGH ACUTE TOXICITY <u>Title</u> : DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN <u>Reference</u> : KEMIB*,,,1991 <u>Effective Date</u> : ** 1992 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->15%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 15->1%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 1->0% OF SOLID OR LIQUID. UN NO.1275. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Entry / Update</u> : MAY1986
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=100/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, T HE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	DRINK	CLASS	FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989 <u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	FORMULATIONS WITH ALDICARB AS THE SOLE ACTIVE INGREDIENT ARE RESTRICTED FOR INDOOR AND OUTDOOR ORNAMENTAL USES. FORMULATIONS WITH ALDICARB AS THE SOLE ACTIVE INGREDIENT ARE UNDER FURTHER EVALUATION FOR AGRICULTURAL CROP USES. (UNDER EVALUATION MEANS THA T NO CLASSIFICATION HAS BEEN MADE AND THE USE/FORMULATION IN QUESTION IS STILL UNDER ACTIVE REVIEW WITHIN EPA.) NO MIXTURES CONTAINING ALDICARB ARE REGISTERED WITH THE EPA.THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. <u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE <u>Reference</u> : FEREAC,43,,5790,1978 <u>Effective Date</u> : 1978 <u>Last Amendment</u> : CFRUS*,40,152,175,1990 <u>Entry / Update</u> : JAN1992
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991

Common Name : Aldicarb

RTECS Number : UE2275000

CAS Number : 116-06-3

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ	DRINK	MPC	0.003 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61 MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975 <u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, ALDICARB, 1984. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
WHO	REC	AQ AQ	DRINK PESTI	GL GL	10 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> : <u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992

Common Name : Aldoxycarb

RTECS Number :

CAS Number : 1646-88-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF ALDICARB, ALDICARB SULFOXIDE AND ALDOXYCARB; CALCULATED AS ALDICARB.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>ALL PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG. APPLIES TO THE SUM OF ALDICARB, ALDICARB SULFOXIDE AND ALDOXYCARB; CALCULATED AS ALDICARB.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	GOODS	PESTI	MRL	<p>TOBACCO: 10.0 MG/KG. APPLIES TO THE SUM OF ALDICARB, ALDICARB SULFOXIDE AND ALDOXYCARB; CALCULATED AS ALDICARB.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
SWE	REG	FOOD	PESTI	MTC	<p>CITRUS FRUITS: 0.2 MG/KG (INCL. ALDICARB, ITS SULFOXIDE, AND ITS SULFONE)</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	DRINK	MPC	<p>0.003 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61 MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.25 MG/M3. SKIN ABSORPTION, POTENTIAL CARCINOGEN.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.01-0.2 MG/KG (EXPRESSED AS DIELDRIN); SECURITY INTERVAL: VARIABLE; OTHER PLANT AND ANIMAL PRODUCTS: 0.02-0.2 MG/KG (NON-INTENTIONAL RESIDUE); PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.</p> <p><u>Title</u> : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,,,1,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.00006 NG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CCMEEC,,,1989 <u>Effective Date</u> : AUG1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.0007 MG/L (APPLIES TO ALDRIN + DIELDRIN). UNDER REVIEW. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.25 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER ORGANOCHLORINE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ALDRIN MIXTURE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED ANIMAL PRODUCTS: 0.1-0.2 PPM (CALCULATED ON THE FAT CONTENT) FOR ALDRIN AND DIELDRIN. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 08MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE ALD. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.02-0.2 MG/KG (CALCULATED AS DIELDRINE) (MILK AND MEAT PRODUCTS CALCULATED ON FAT BASES)</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.25 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 2.5 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. NOT REGISTERED AS A PESTICIDE.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p><u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1196,1988 <u>Effective Date :</u> 29MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,I,796,1991 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF ALDRIN AND DIELDRIN, CALCULATED AS DIELDRIN.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	FOOD	PESTI	MRL	<p>MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 0.2 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 0.15 MG/KG LIPID WEIGHT. FISH, CRUSTACEAN, MOLLUSCA, AND THEIR PRODUCTS: 0.5 - 1.0 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.1 MG/KG WET WEIGHT. APPLIES TO THE SUM OF ALDRIN AND DIELDRIN, CALCULATED AS DIELDRIN.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	GOODS	PESTI	MRL	<p>TOBACCO: 0.3 MG/KG. APPLIES TO THE SUM OF ALDRIN AND DIELDRIN, CALCULATED AS DIELDRIN.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.01 MG/KG (SUM OF ALDRIN AND DIELDRIN, EXPRESSED AS DIELDRIN)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	<p>LIMIT VALUES FOR EMISSION STANDARDS FOR THE TOTAL DISCHARGE OF ALDRIN, DIELDRIN, ENDRIN AND ISODRIN IN THE AQUEOUS EFFLUENT FROM INDUSTRIAL PLANTS PRODUCING ALDRIN AND/OR DIELDRIN AND/OR ENDRIN INCLUDING FORMULATION OF THESE SUBSTANCES ON THE SAME SITE: 3 G/TONNE OF TOTAL PRODUCTION CAPACITY (MONTHLY); 15 G/TONNE OF TOTAL PRODUCTION CAPACITY (DAILY); B)CONCENTRATION IN EFFLUENT OF WATER DISCHARGED : 2 UG/L (MONTHLY); 10 UG/L (DAILY). IF POSSIBLE, DAILY VALUES SHOULD NOT EXCEED TWICE THE MONTHLY VALUE. QUALITY OBJECTIVES FOR THE AQUATIC ENVIRONMENT: 30 NG/L FOR THE FOUR SUBSTANCES IN TOTAL WITH A MAXIMUM OF 5 NG/L FOR ENDRIN (AS FROM 1.1.1989); 5 TO 10 NG/L FOR THE FOUR SUBSTANCES (AS FROM 1.1.1994). REFERENCE METHOD OF MEASUREMENT: GAS CHROMATOGRAPHY WITH ELECTRON-CAPTURE DETECTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF CERTAIN DANGEROUS SUBSTANCES INCLUDED IN LIST I OF THE ANNEX TO DIRECTIVE 76/464/EEC. (86/280/EEC).</p> <p><u>Reference</u> : OJEC**,L181,,16,1986 <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>0,01-0,2 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,006 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK. (APPLIES TO ALDRIN AND DIELDRIN, SINGLY OR COMBINED, EXPRESSED AS DIELDRIN).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FOODSTUFFS OF ANIMAL ORIGIN. (86/363/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,43,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1987</p>

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF ALDRIN AND DIELDRIN, SINGLY OR COMBINED, EXPRESSED AS DIELDRIN FOR ALL FEEDINGSTUFFS: 0,01 MG/KG EXCEPT FATS: 0,2 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC).</p> <p><u>Reference</u> : OJEC**,L38,,31,1974 <u>Effective Date</u> : 03DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : MAY1992</p>
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	PRO PRO PRO	<p>MEMBER STATES SHALL ENSURE THAT PLANT PROTECTION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCE ALONE OR IN COMBINATION WITH OTHER ACTIVE SUBSTANCES LISTED MAY NEITHER BE PLACED ON THE MARKET NOR USED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 DECEMBER 1978 PROHIBITING THE PLACING ON THE MARKET AND USE OF PLANT PROTECTION PRODUCTS CONTAINING CERTAIN ACTIVE SUBSTANCES. (79/117/EEC).</p> <p><u>Reference</u> : OJEC**,L33,,36,1979 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : JAN1992</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN ALDRIN ARE CLASSIFIED INTO CLASS IB, I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%.MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	EXPRT	PESTI	RQR	<p>ALDRIN IS BANNED/SEVERELY RESTRICTED ON ACCOUNT OF ITS EFFECTS ON HUMAN HEALTH AND THE ENVIRONMENT. IT IS SUBJECT TO NOTIFICATION: WHEN IT IS EXPORTED FOR THE FIRST TIME FROM THE COMMUNITY TO A THIRD COUNTRY, APPROPRIATE AUTHORITIES IN THE EXPORTING COUNTRY SHALL NOTIFY APPROPRIATE AUTHORITIES OF THE COUNTRY OF DESTINATION IF POSSIBLE PRIOR TO EXPORT. THIS CHEMICAL IS SUBJECT TO MEASURES ON PACKAGING AND LABELLING. (THIS REGULATION ALSO PROVIDES FOR NOTIFICATION BY A THIRD COUNTRY CONCERNING ITS EXPORT TO THE COMMUNITY OF A CHEMICAL SUBJECT TO PROHIBITION OR SUBSTANTIAL LEGAL RESTRICTION UNDER THAT COUNTRY'S LEGISLATION).</p> <p><u>Title</u> : COUNCIL REGULATION (EEC) NO 1734/88 OF 16 JUNE 1988 CONCERNING EXPORT FROM AND IMPORT INTO THE COMMUNITY OF CERTAIN DANGEROUS CHEMICALS.</p> <p><u>Reference</u> : OJEC**,L155,,2,1988 <u>Effective Date</u> : 22JUN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IN CONTACT WITH SKIN AND IF SWALLOWED (R 48/24/25). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IN CONTACT WITH SKIN AND IF SWALLOWED (R 48/24/25); DO NOT BREATHE DUST (S 22); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
FW	REC	FOOD FOOD FOOD	-	ADI MRL ERL	<p>ADI: 0.0001 MG/KG BW; MRL: ASPARAGUS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CUCUMBERS, EGGPLANTS, HORSERADISH, ONIONS, PARSNIPS, PEPPERS, PIMENTOES, POTATOES, RADISHES, RADISH TOPS: 0.1 MG/KG; FRUIT: 0.05 MG/KG; RICE (IN THE HUSK); 0.02 MG/KG; ERL: CARCASE MEAT (IN CARCASE FAT): 0.2 MG/KG; CARROTS, EGGS (SHELL-FREE BASIS), LETTUCE: 0.1 MG/KG; CEREAL GRAINS (EXCEPT RICE IN HUSK): 0.02 MG/KG; MILK: 0.006 MG/KG (RESIDUES EXPRESSED AS SUM OF ALDRIN AND DIELDRIN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,1-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REC	USE	AGRIC PESTI	RSTR	<p>WITHDRAWAL OF USES IN FOOD STORAGE PRACTICE EXCEPT WHEN FORMULATED WITH DIELDRIN AS AN INSECTICIDAL LACQUER, COATING OR PAINT FOR USE IN THE CONTROL OF COCKROACHES AND TROPICAL SPECIES OF ANTS. THE CONCENTRATION OF ALDRIN SHOULD NOT EXCEED 2% OF THE SOLIDS CONTENT OF SUCH FORMULATIONS. REASONS FOR THE CONTROL ACTION: ALDRIN MAY BE CONVERTED TO DIELDRIN, A VERY PERSISTENT ORGANOCHLORINE. ALDRIN MAY THEREFORE LEAD TO ACCUMULATION OF DIELDRIN WITH POSSIBLE DETRIMENTAL EFFECTS, ESPECIALLY ON WILDLIFE. ALL REMAINING USES OF ALDRIN ARE BEING KEPT UNDER REVIEW AND REPLACED WHEREVER POSSIBLE BY LESS PERSISTENT PESTICIDES. THIS ACTION IS ALSO IN IMPLEMENTATION OF COUNCIL DIRECTIVE 79/117/EEC (PROHIBITION DIRECTIVE).</p> <p><u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.</p> <p><u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : 1971</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>
GBR	REC	USE USE	AGRIC PESTI	RSTR RSTR	<p>PERMITTED ONLY IN AGRICULTURE AND HORTICULTURE FOR USE AS: 1) A SPRAY OR DUST ON POTATOES FOR THE CONTROL OF WIREWORMS (AGRIOTES SPP.) IN FORMER PASTURE; 2) A NARCISSUS BULB DIP, OR AS A SPRAY APPLIED TO THE DRILLS WHEN PLANTING OUT, FOR THE CONTROL OF NARCISSUS FLY, ON CROPS WHICH WILL REMAIN IN THE GROUND FOR 2-3 YEARS; 3) A DUST ON COMPOST OR SOIL USED FOR POTTING ORNAMENTAL PLANTS FOR THE CONTROL OF VINE WEEVIL (OTIORRHYNCHUS). REASONS FOR THE CONTROL ACTION: ALDRIN MAY BE CONVERTED TO DIELDRIN, A VERY PERSISTENT ORGANOCHLORINE. ALDRIN MAY THEREFORE LEAD TO ACCUMULATION OF DIELDRIN WITH POSSIBLE DETRIMENTAL EFFECTS ESPECIALLY ON WILDLIFE. ALL REMAINING USES OF ALDRIN ARE BEING KEPT UNDER REVIEW AND REPLACED WHEREVER POSSIBLE BY LESS PERSISTENT PESTICIDES.</p> <p><u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.</p> <p><u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : 00JAN1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.25 MG/M3. STEL (10 MIN-TWA): 0.75 MG/M3. SKIN ABSORPTION</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>ALDRIN IS A PRESCRIBED SUBSTANCE (RED LIST): RELEASE INTO WATER IS PROHIBITED OR RESTRICTED. AUTHORISATION, SUBJECT TO LOCAL CONTROL, IS REQUIRED WHERE RELEASE OF PRESCRIBED SUBSTANCES INTO WATER MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: ELECTROLYTIC EXTRACTION OR RECOVERY OF ALUMINIUM; PAPER PULP AND PAPER MAKING; TREATMENT OF TEXTILES; TIMBER PROCESSING, THE TREATMENT AND PROCESSING OF ANIMAL OR VEGETABLE MATTER; PRODUCTION OF ANTIMONY, ARSENIC, BERYLLIUM, GALLIUM, INDIUM, LEAD, PALLADIUM, PLATINUM, SELENIUM, TELLURIUM OR THALLIUM & THEIR COMPOUNDS; RECOVERY PROCESSES. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 84/360/EEC.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,22,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.006-2.0 MG/KG (SINGLY OR COMBINED WITH DIELDRIN, EXPRESSED AS DIELDRIN). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	FEED SALE USE	PESTI PESTI PESTI	MRL RSTR RSTR	<p>THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.01-0.2 MG/KG SINGLY OR COMBINED WITH DIELDRIN, EXPRESSED AS DIELDRIN REFERRED TO A MOISTURE CONTENT OF 12% IS PROHIBITED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 74/63/EEC, LAST AMENDED BY 91/132/EEC.</p> <p><u>Title</u> : THE FEEDING STUFFS REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2840,,,1991 <u>Effective Date</u> : 22JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	AQ	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.03UG/L FOR THE TOTAL OF ALDRIN, DIELDRIN, ENDRIN AND ISODRIN, AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 2 SUBSTANCES ARE NOT EXCEEDED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/347/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.03UG/L FOR THE TOTAL OF ALDRIN, DIELDRIN, ENDRIN AND ISODRIN, AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 1 SUBSTANCES ARE NOT EXCEEDED. THIS SYSTEM OF CLASSIFICATION IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATER (CLASSIFICATION) REGULATIONS 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/347/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN ALDRIN IN CONCENTRATIONS WHICH EXCEED THOSE THAT WOULD BE PRESENT REGARDLESS OF THE ACTIVITIES WITHIN THE PREMISES FROM WHICH THE EFFLUENT IS DISCHARGED. SEWERAGE UNDERTAKERS MUST NOTIFY THE COMPETENT AUTHORITY WHERE THE DISCHARGE OF THESE EFFLUENTS MIGHT CONTAIN ALDRIN IN CONCENTRATIONS GREATER THAN THE BACK-GROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC).</p> <p><u>Title</u> : THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1156,,2,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1629,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	USE	PESTI	PRO	<p>ALL APPROVALS FOR USE AND STORAGE IN FOOD STORAGE PRACTICE AND AGRICULTURE AND HORTICULTURE TO BE REVOKED. (ALL REMAINING APPROVALS FOR SALE, SUPPLY AND ADVERTISEMENT IN THE ABOVE AREAS TO BE REVOKED PRIOR TO THE CONTROL ACTION ON USE). REASONS FOR THE CONTROL ACTION: (RELEVANT TO PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT) AS PART OF THE UK'S POLICY TO PHASE OUT PERSISTENT ORGANOCHLORINE PESTICIDES AS SUITABLE ALTERNATIVES BECOME AVAILABLE.</p> <p><u>Title</u> : NOTICE OF APPROVAL ISSUED UNDER PART III OF THE FOOD AND ENVIRONMENT PROTECTION ACT 1985</p> <p><u>Reference</u> : NAFEP*,III,,1985 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1988</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 75-100%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 19-75% (SOLID) OR 7-75% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,6222,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area Type Subject Spec. Description Level / Summary Information :

IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REG	CLASS MANUF IMPRT USE	-	CLASS PRO PRO PRO	A CLASS I SPECIFIED CHEMICAL SUBSTANCE (= A SUBSTANCE WHICH, IN ITSELF OR ONE OF ITS DEGRADATION PRODUCTS, IS NOT EASILY DEGRADABLE, WHICH BIOACCUMULATES, AND WHICH MAY BE HARMFUL TO HUMAN HEALTH WHEN INGESTED CONTINUOUSLY). THIS SUBSTANCE SHALL NOT BE MANUFACTURED, IMPORTED OR USED BY ANY PERSON WHO HAS NOT OBTAINED AUTHORISATION. NO ONE SHALL IMPORT ANY PRODUCT IN WHICH THIS SUBSTANCE IS CONTAINED. <u>Title :</u> THE LAW CONCERNING THE EXAMINATION AND REGULATION OF MANUFACTURE ETC. OF CHEMICAL SUBSTANCES. <u>Reference :</u> JPNCO*,,,1974 <u>Last Amendment :</u> JPNCO*,,,1981 <u>Effective Date :</u> 02OCT1981 <u>Entry / Update :</u> NOV1991
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS : ND - 0.02 MG/KG (INCLUDING DIELDRIN AND ALDRIN) <u>Title :</u> FOOD SANITATION LAW OF JAPAN <u>Reference :</u> JPNFS*,,, <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> JAN1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.1-0.2 MG/KG WITH DIELDRIN. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
KEN	REG	USE USE	AGRIC PESTI	RSTR RSTR	RESTRICTED TO TSE-TSE CONTROL. REASONS FOR THE CONTROL ACTION: ACTION TAKEN BECAUSE OF HEALTH HAZARDS. <u>Title :</u> PEST CONTROL PRODUCTS BOARD DECISION REF. PCPB/1/II/95 OF 22/4/85 <u>Reference :</u> KENPC*,,,1985 <u>Last Amendment :</u> <u>Effective Date :</u> FEB1987 <u>Entry / Update :</u> 1987
MEX	-	USE	AGRIC	PRO	PROHIBITED AGRICULTURAL PESTICIDE. REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT (BECAUSE OF ITS PERSISTENCE, THE BIOACCUMULATION OF RESIDUES IN HUMAN FATTY TISSUES, ITS PRESENCE IN FOOD AND ITS HIGH TOXICITY, LD50: 34-72 MG/KG). <u>Title :</u> MANUAL DE PLAGUICIDAS AUTORIZADOS PARA 1982 (MANUAL OF AUTHORIZED PESTICIDES FOR 1982) <u>Reference :</u> <u>Last Amendment :</u> MEXMP*,,, <u>Effective Date :</u> 1982 <u>Entry / Update :</u> 1987
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.25 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.75 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AQ	AMBI	MPC	0.000 MG/L IN ESTUARIES <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982
MEX	REG	AQ	AMBI	MPC	0.04 UG/L IN COASTAL WATERS <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982
MEX	REG	AQ	AMBI	MPC	0.017 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND RECREATION <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,02FEB,1972 <u>Entry / Update :</u> AUG1988
RUS	REG	FEED	-	MRL PRO	0.0 MG/KG (SUBSTANCE IS NOT ALLOWED IN ANY FEEDSTUFF) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> APR1981 <u>Last Amendment :</u> SCHSB*,SUPL-4,,1982 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.0 MG/L (APPLIES TO CHLOROORGANIC COMPOUNDS) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.01 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	USE MANUF	-	PRO PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> KGTXP*,,,1981 <u>Entry / Update :</u> NOV1982
RUS	REG	AQ	SURF	MAC CLASS	2 UG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.ADI = 0.0001 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1983 <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Entry / Update :</u> OCT1985
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.01-0.05 MG/KG (INCL. DIELDRIN) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01JAN1990 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Entry / Update :</u> 1992

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	USE	PESTI	PRO	<p>SUSPENDED BECAUSE OF ITS HIGH ACUTE TOXICITY AND ENVIRONMENTAL IMPACT.</p> <p><u>Title</u> : DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3. STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..."</p> <p><u>Reference</u> : NPPBD*,,,,1970 <u>Effective Date</u> : ** 1970</p> <p><u>Last Amendment</u> : SVENF*,1985:426,,4,1985 <u>Entry / Update</u> : JAN1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>ANIMALPRODUCTS: 0.005-0.1 MG/KG (INCL. DIELDRIN)</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01MCH1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 75-100%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 19-75% (SOLID) OR 7-75% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,,162,1989 <u>Entry / Update</u> : MAY1986</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.25 MG/M3, SKINTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED ON CARGO AND PASSENGER VESSELS ON OR BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. ALDRIN MIXTURE, DRY, MORE THAN 65%: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT AND PASSENGER VESSELS ON OR BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. ALDRIN MIXTURE, LIQUID MORE THAN 60%: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON OR BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI	RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, ALDRIN, 1986. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991
USA	REG	AQ AQ	EMI INDST	RQR RQR	BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS. THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT. <u>Title</u> : 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS <u>Reference</u> : FEREAC,44,,44502,1979 <u>Effective Date</u> : 1979 <u>Last Amendment</u> : CFRUS*,40,401,15,1990 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981 <u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991

Common Name : Aldrin

RTECS Number : IO2100000

CAS Number : 309-00-2

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference _____ :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference _____ :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991
WHO	REC	AQ AQ	DRINK PESTI	GL GL	0.03 UG/L FOR ALDRIN/DIELDRIN. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference _____ :</u> WHODW*,,,1983 <u>Effective Date :</u> <u>Last Amendment :</u> WHODW*,,,1992 <u>Entry / Update :</u> OCT1992

Common Name : Alkylbenzenesulfonic Acid

RTECS Number : DB4370000

CAS Number : 42615-29-2

Area Type Subject Spec. Description Level / Summary Information :

GBR REG TRNSP MARIN RQR
AQ MARIN RSTR
AQ EMI RSTR

CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.

Title : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1

Reference : GBRSI*,551,,15,1987

Effective Date : 06APR1987

Last Amendment : GBRSI*,2604,,2,1990

Entry / Update : 1992

RUS REG AIR AMBI PSL

0.04MG/M3 1X/D

Title :

Reference :

Effective Date : DEC1983

Last Amendment : OBUAV*,2947-83,,,1983

Entry / Update : SEP1985

Common Name : Allethrin

RTECS Number : GZ1925000

CAS Number : 584-79-2

Area Type Subject Spec. Description Level / Summary Information :BRA REG USE AGRIC PRO
USE CONSM RSTR
CLASS CLASS

USE IN AGRICULTURE: NOT AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED IN FORMULATIONS OF 1-4% W/W AND 0.5-1% (W/V); PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC).

Title : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)Reference : SBTAP*,8,1984Effective Date :Last Amendment :Entry / Update : AUG1985CAN REG TRNSP - CLASS
LABEL RQR
PACK

SEE UNDER PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.

Title :Reference : CAGAAK,124,26,5523,1990Effective Date : 06DEC1990Last Amendment :Entry / Update : OCT1991CAN REG PACK AGRIC CLASS
LABEL PESTI
USE

FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS INSECTICIDE, ACARICIDE. (FORMULATION: PRESSURIZED PRODUCT, SOLID, SOLUTION). CODE ALN. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.

Title :Reference : CAGAAK,122,18,,1988Effective Date : 11AUG1988Last Amendment :Entry / Update : JUN1991

DEU REG FOOD PESTI MRL

SPECIFIED PLANT PRODUCTS: 1.0 - 3.0 MG/KG. OTHER PLANT PRODUCTS: 0.5 MG/KG.

Title : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)Reference : BGZBAD,,1,1861,1989Effective Date : 22MCH1990Last Amendment : BGZBAD,,1,481,1990Entry / Update : DEC1991DEU REG CLASS - CLASS
LABEL RQR
PACK RQR

CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.

Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)Reference : BGZBAD,,1,1931,1991Effective Date : 15JUN1991Last Amendment :Entry / Update : APR1992EEC REG CLASS - CLASS
LABEL RQR
PACK RQR

CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); WEAR SUITABLE PROTECTIVE CLOTHING (S 36).

Title : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCESReference : OJEC**,196,,1,1967Effective Date : 1JUL1992Last Amendment : OJEC**,L 180,,79,1991Entry / Update : APR1992

Common Name : **Allethrin**RTECS Number : **GZ1925000**CAS Number : **584-79-2****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference</u> : PFBK*,,,1991 <u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, ALLETHRIN STEREOISOMERS, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Allyl Alcohol**RTECS Number : **BA5075000**CAS Number : **107-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 5 MG/M3 (2 PPM); 15 MIN - STEL : 10 MG/M3 (4 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 2 PPM, 5 MG/M3; STEL: 4 PPM, 10 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1985. CODE AAL. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1098. CLASS (3.2): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 100, 109. PACKING GROUP I. (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : **Allyl Alcohol**RTECS Number : **BA5075000**CAS Number : **107-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	<p>TWA: 3.0 MG/M3; CLV: 6.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 2 ML/M3 (PPM); 5 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 4 ML/M3 (PPM); 10 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. VAPOUR PRESSURE: 2.4 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	-	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: FLAMMABLE (R 10). T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: T - TOXIC; FLAMMABLE (10); TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT (S 38); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : **Allyl Alcohol**RTECS Number : **BA5075000**CAS Number : **107-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 200 TONNES AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN 2-PROPEN-1-OL ARE CLASSIFIED INTO CLASS IB, I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 5 MG/M3 (2 PPM). STEL (10 MIN-TWA):10 MG/M3 (4 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 200 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2PE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1098.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : Allyl Alcohol

RTECS Number : BA5075000

CAS Number : 107-18-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 200 T.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 2.4 MG/M3 (1 PPM). SKIN ABSORPTION MUST ALSO BE CONSIDERED.</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 (2 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10 MG/M3 (4 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10. RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 2.0 MG/M3; (VAPOUR) (APPLIES TO ALL UNSATURATED ALIPHATIC ALCOHOLS); HAZ. CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.1 MG/L HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	AMBI	PSL	<p>0.02 MG/M3 1X/D</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> DEC1983</p> <p><u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Entry / Update :</u> SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 5 MG/M3 (2 PPM), 15 MIN - STEL: 14 MG/M3 (6 PPM) (SKIN ABSORPTION)</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID). PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1098.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982</p>

Common Name : **Allyl Alcohol**RTECS Number : **BA5075000**CAS Number : **107-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	150 PPM
				<u>Title</u> :	POCKET GUIDE TO CHEMICAL HAZARDS
				<u>Reference</u> :	XPHPAW,90,117,34,1990
				<u>Effective Date</u> :	JUN1990
				<u>Last Amendment</u> :	XPHPAW,90,117,34,1990
				<u>Entry / Update</u> :	OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 2 PPM, 4.8 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 4 PPM, 9.5 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.
				<u>Title</u> :	THRESHOLD LIMIT VALUES
				<u>Reference</u> :	ACGIH*,11,1989
				<u>Effective Date</u> :	1989
				<u>Last Amendment</u> :	ACGIH*,11,1991
				<u>Entry / Update</u> :	DEC1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE
				<u>Title</u> :	CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES
				<u>Reference</u> :	CFRUS*,40,302,4,1990
				<u>Effective Date</u> :	1990
				<u>Last Amendment</u> :	CFRUS*,40,302,4,1990
				<u>Entry / Update</u> :	SEP1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.
				<u>Title</u> :	REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311
				<u>Reference</u> :	FEREAC,51,,34547,1986
				<u>Effective Date</u> :	1986
				<u>Last Amendment</u> :	CFRUS*,40,117,3,1991
				<u>Entry / Update</u> :	SEP1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).
				<u>Title</u> :	SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES
				<u>Reference</u> :	CFRUS*,40,372,65,1988
				<u>Effective Date</u> :	1987
				<u>Last Amendment</u> :	CFRUS*,40,372,65,1988
				<u>Entry / Update</u> :	OCT1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=1,000 RQ=100 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.
				<u>Title</u> :	SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES
				<u>Reference</u> :	FEREAC,52,,13395,1987
				<u>Effective Date</u> :	1987
				<u>Last Amendment</u> :	CFRUS*,40,355,,1990
				<u>Entry / Update</u> :	OCT1991

Common Name : **Allyl Alcohol**RTECS Number : **BA5075000**CAS Number : **107-18-6****Area Type Subject Spec. Description Level / Summary Information :**

USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID AND POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	ALL FORMULATIONS WITH ALLYL ALCOHOL ARE RESTRICTED FOR ALL USES. THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. <u>Title :</u> PESTICIDES CLASSIFIED FOR RESTRICTED USE <u>Reference :</u> FEREAC,43,,5790,1978 <u>Effective Date :</u> 1978 <u>Last Amendment :</u> CFRUS*,40,152,175,1990 <u>Entry / Update :</u> JAN1992

Common Name : **Allyl Chloride**RTECS Number : **UC7350000**CAS Number : **107-05-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 3 MG/M3 (1 PPM); 15 MIN - STEL: 6 MG/M3 (2 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). POTENTIAL CARCINOGEN.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>70 MG/M3 (20 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE:MAXIMUM)</p> <p><u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference :</u> SMTBR*,3,,,1980 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 1 PPM, 3 MG/M3; STEL: 2 PPM, 6 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1100. CLASS (3.1): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 99, 109. PACKING GROUP I. (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 1.0 MG/M3, CLV: 2.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>

Common Name : **Allyl Chloride**RTECS Number : **UC7350000**CAS Number : **107-05-1****Area Type Subject Spec. Description Level / Summary Information :**

DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 1 ML/M3 (PPM); 3 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 2 ML/M3 (PPM); 6 MG/M3; CEILING VALUE; 8X/SHIFT. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. VAPOUR PRESSURE: 39.3 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). LABEL: F - HIGHLY FLAMMABLE; T+ - VERY TOXIC; HIGHLY FLAMMABLE (R 11); VERY TOXIC BY INHALATION (R 26); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); DO NOT EMPTY INTO DRAINS (S 29); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). IF THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ADDING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 3 MG/M3 (1 PPM). STEL (10 MIN-TWA): 6 MG/M3 (2 PPM). (TO BE REVIEWED)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>

Common Name : **Allyl Chloride**RTECS Number : **UC7350000**CAS Number : **107-05-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 3 MG/M3 (1 PPM) - 10 MIN - STEL: 6 MG/M3 (2 PPM) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1100. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 3 MG/M3 (1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 6 MG/M3 (2 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AIR	AMBI	MAC	0.07 MG/M3 1X/D; 0.01 MG/M3 AV/D <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : AUG1984 <u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.3 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990
RUS	REG	AQ	SURF	MAC CLASS	0.3 MG/L HAZARD CLASS: III <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1100. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : SEP1982
USA	REC	SAFTY USE	OCC OCC	MXL MXL	300 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,36,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,36,1990 <u>Entry / Update</u> : OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 PPM, 3.0 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 2 PPM, 6.0 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991

Common Name : Allyl Chloride

RTECS Number : UC7350000

CAS Number : 107-05-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED ON CARGO VESSELS ON DECK AND AWAY FROM HEAT. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>

Common Name : Aluminium

RTECS Number : BD033000

CAS Number : 7429-90-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	ALUMINIUM METAL AND OXIDE: 8H-TWA: 10 MG/M3. SOLUBLE ALUMINIUM SALTS: 8H-TWA: 2 MG/M3. ALKYL ALUMINIUM COMPOUNDS: 8H-TWA: 2 MG/M3. ALUMINIUM WELDING FUMES: 8H-TWA: 5 MG/M3. ALUMINIUM PYROLYSIS POWDER: 8H-TWA: 5 MG/M3. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REC	WASTE AQ	EMI	GL	THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 0.1 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES. <u>Title :</u> <u>Reference :</u> CCMEEC,,,,1989 <u>Effective Date :</u> AUG1989 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CAN	REC	AQ	DRINK	GL MAC	TABLE 2 - UNDER REVIEW FOR POSSIBLE ADDITION TO THE GUIDELINES FOR CANADIAN DRINKING WATER QUALITY. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	NON-PYROPHORIC. PIN (PRODUCT IDENTIFICATION NO.): UN1396. CLASS (4.3): DANGEROUS WHEN WET. SPECIAL PROVISIONS: 48, 110. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ALUMINIUM POWDER) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	AIR	OCC	TLV	METAL AND OXIDE - TWA: 10 MG/M3. PYRO POWDERS - TWA: 5 MG/M3. WELDING FUMES - TWA: 5 MG/M3. SOLUBLE SALTS - TWA: 2 MG/M3. ALKYL NOT OTHERWISE CLASSIFIED - TWA: 2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991

Common Name : Aluminium

RTECS Number : BD0330000

CAS Number : 7429-90-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH NOT LESS THAN 20% OF POWDER HAVING A PARTICLE SIZE LESS THAN 250 MICROMETERS. PIN(PRODUCT IDENTIFICATION NO.): UN1309. CLASS (4.1): FLAMMABLE SOLID. SPECIAL PROVISIONS: 54, 83, 89. PACKING GROUP II. (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ALUMINIUM POWDER</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO ALUMINIUM ELEMENTAL).</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	FEED	-	MXL	<p>MXL: 100 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 10-300 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS)</p> <p><u>Title :</u> NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference :</u> SZCSR*,25,609,1987 <u>Effective Date :</u> 1JAN1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	MANUF	OCC	CLASS RQR RSTR	<p>ELECTROLYTIC PRODUCTION AND CASTING OF AL IS CLASSIFIED AS PROCESS WITH OCCUPATIONAL CARCINOGENIC RISK. REQUIREMENTS AND RESTRICTIONS ON THE PROCESS ARE GIVEN.</p> <p><u>Title :</u> DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference :</u> VMZSR*,3,,1985 <u>Effective Date :</u> 1APR1985</p> <p><u>Last Amendment :</u> VMZSR*,10,98,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.2 MG/L (APPLIES TO ALUMINIUM AND ITS COMPOUNDS)</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 1-200 MG/KG (SPECIFIED FOOD PRODUCTS);5-10 MG/KG (SPECIFIED BEVERAGES).</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991</p>

Common Name : Aluminium

RTECS Number : BD0330000

CAS Number : 7429-90-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	GOODS	-	RSTR MXL	<p>MAXIMUM LIMITS IN COSMETICS: 10-50 MG/G (APPLIES TO ALUMINIUM SALTS)</p> <p><u>Title</u> : DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference</u> : HPMZC*,32,,,1970 <u>Effective Date</u> : 1JAN1971</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 6 MG/M3, CALCULATED AS FINE DUST OF ALUMINIUM METAL (20C, 101.3 KPA). APPLIES TO ALUMINIUM AS METAL, ALUMINIUM OXIDE, AND ALUMINIUM HYDROXIDE. FINE DUST IS DEFINED AS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	BAT	<p>URINE: 200 UG/L. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AQ	DRINK	MPC	<p>0.2 MG/L (CALCULATED AS AL) CORRESPONDING TO ABOUT 7.5 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.04 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,1,227,1991 <u>Entry / Update</u> : DEC1991</p>

Common Name : Aluminium

RTECS Number : BD0330000

CAS Number : 7429-90-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FEED	ADDIT	PRMT	<p>SINCE THE SUBSTANCE IS AUTHORIZED FOR USE AS A COLOURING MATTER IN FOODSTUFFS IT MAY ALSO BE ADDED AS SUCH TO FEEDING STUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES. LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319,13,1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 01DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	ADDIT	PRMT	<p>THIS SUBSTANCE MAY BE ADDED AS A COLOURING MATTER TO THE SURFACE OF FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: REACTS VIOLENTLY WITH WATER (R 14). F - HIGHLY FLAMMABLE; SPONTANEOUSLY FLAMMABLE IN AIR (R 17). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: F - HIGHLY FLAMMABLE; C - CORROSIVE; REACTS VIOLENTLY WITH WATER (R 14); SPONTANEOUSLY FLAMMABLE IN AIR (R 17); CAUSES BURNS (R 34); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IN CASE OF FIRE, USE... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - 'NEVER USE WATER') (S 43). APPLIES TO ALL ALUMINIUM ALKYLs.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE GASES (R 15); FLAMMABLE (R 10). LABEL: FLAMMABLE (R 10); CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE GASES (R 15); KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8); IN CASE OF FIRE, USE... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THERISK, ADD - 'NEVER USE WATER') (S43). APPLIES TO ALUMINIUM POWDER (STABILISED).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC: 0.2 MG AL/L, GL: 0.05 MG AL/L (ATOMIC ABSORPTION-ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE GASES (R 15); SPONTANEOUSLY FLAMMABLE IN AIR (R 17). LABEL: F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE GASES (R 15); SPONTANEOUSLY FLAMMABLE IN AIR (R 17); KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8); IN CASE OF FIRE, USE... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK,ADD - 'NEVER USE WATER') (S 43). APPLIES TO ALUMINIUM POWDER (PYROPHORIC).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
F/W	REC	FOOD	-	ADI	<p>PROVISIONAL TOLERABLE WEEKLY INTAKE: 7 MG/KG BW (IT INCLUDES FOOD ADDITIVE USES OF ALUMINIUM SALTS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : WHFAAC,24,,357,1989 <u>Entry / Update</u> : APR1991</p>

Common Name : Aluminium

RTECS Number : BD0330000

CAS Number : 7429-90-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	<p>PROPOSALS FOR CHANGE: A) 8H-TWA: 10 MG/M3 - TOTAL INHALABLE DUST - B) 8H-TWA: 5 MG/M3 - RESPIRABLE DUST. (APPLIES TO ALUMINIUM METAL).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ	DRINK	RQR	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THERELEVANT AUTHORITIES GIVING THE CONCENTRATIONOF ALUMINIUM EXPRESSED AS AL MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,71,,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>200UG AL/L IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1147,,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1837,,,1991 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>200UG AL/L IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY NON-FERROUS METAL PROCESS FOR THE EXTRACTION OR RECOVERY OF ALUMINIUM FROM MIXED SCRAP BY THE USE OF HEAT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>MELTING ZINC OR ALUMINIUM OR AN ALLOY OF ONE OR BOTH OF THESE METALS IN CONJUNCTION WITH A DIE-CASTING PROCESS IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ALUMINIUM POWDER, PYROPHORIC). UN NO. 1383</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>

Common Name : Aluminium

RTECS Number : BD0330000

CAS Number : 7429-90-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 4.1 = INFLAMMABLE SOLID. PACKING GROUP: II/III = MEDIUM DANGER/MINOR DANGER.(APPLIES TO ALUMINIUM POWDER, COATED). UN NO. 1309. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ALUMINIUM ALKYL, ALUMINIUM ALKYL HALIDES AND ALUMINIUM ALKYL HYDRIDES) UN NO.3051; 3052; 3076 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 4.3 = SUBSTANCE WHICH IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO UNCOATED ALUMINIUM POWDER, NON-PYROPHORIC). UN NO. 1396 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
JPN	REC	AIR	OCC	MAC	TWA: 0.5 MG/M3 OF INHALABLE DUST TWA: 2 MG/M3 OF TOTAL DUST <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS COLOURING AGENT. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,334,1978 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.(APPLIES TO METALLIC ALUMINIUM). <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. (APPLIES TO ALUMINIUM POWDER). <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 6.0 MG/M3 (AEROSOL-APPLIES TO ITS ALLOY WITH MAGNESIUM); HAZ. CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAD*,4952-89,,,1989 <u>Effective Date :</u> MAR1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 2.0 MG/M3 (AEROSOL) (APPLIES ALSO TO ALUMINIUM ALLOYS) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990

Common Name : Aluminium

RTECS Number : BD0330000

CAS Number : 7429-90-5

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AQ	DRINK	MAC	0.5 MG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,2874-82,,,1982	<u>Effective Date :</u> 1JAN1985 <u>Entry / Update :</u> SEP1985
RUS	REG	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 30.0 MG/KG; MEAT PRODUCTS: 10.0 MG/KG; MILK PRODUCTS: 1.0 MG/KG; CEREALS: 20.0 MG/KG; VEGETABLES: 30.0 MG/KG; FRUITS: 20.0 MG/KG; BEVERAGES: 10.0 MG/KG (APPLIES TO ALUMINUM AND ITS COMPOUNDS, CALCULATED AS ALUMINUM) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> VGNEP*,2450-81,,,1982	<u>Effective Date :</u> OCT1981 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC CLASS	0.5 MG/L (APPLIES TO ALUMINIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS ALUMINIUM) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988	<u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 2 MG/M3 OF SOLUBLE AL COMPOUNDS; 10 MG/M3 OF TOTAL DUST OF METALLIC ALUMINUM AND ALUMINUM OXIDE, AND 4 MG/M3 OF RESPIRABLE DUST OF METALLIC ALUMINUM AND ALUMINUM OXIDE. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS**,1990:13,,5-64,1990 <u>Last Amendment :</u>	<u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.1 = INFLAMMABLE SOLID. (APPLIES TO THE POWDER, COATED). UN NO. 1309 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.3 = SUBSTANCE WHICH IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO UNCOATED ALUMINIUM POWDER). UN NO. 1396. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ALUMINIUM ALKYL, ALUMINIUM ALKYL HALIDES AND ALUMINIUM ALKYL HYDRIDES) UN NO.3051; 3052; 3076 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 MG/M3 /DUST/ TIME WEIGHTED AVG (TWA) 5 MG/M3 /ALUMINUM PYRO POWDERS, AS AL/ TIME WEIGHTED AVG (TWA) 5 MG/M3 /ALUMINUM WELDING FUMES, AS AL/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991	<u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991

Common Name : Aluminium

RTECS Number : BD0330000

CAS Number : 7429-90-5

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference :</u> FEREAC,42,,14534,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Entry / Update :</u> NOV1991
USA	REG	AQ	DRINK	CLASS	AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A). <u>Title :</u> SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS <u>Reference :</u> FEREAC,53,,1892,1988 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,56,,1473,1991 <u>Entry / Update :</u> OCT1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME ALUMINUM, AND SALTSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. (APPLIES ALSO TO ALUMINIUM POWDER) <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Entry / Update :</u> JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED ON CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE KEPT DRY, SEGREGATED AS FOR FLAMMABLE SOLIDS, AND LABELED DANGEROUS WHEN WET. ALL SHIPMENTS MUST BE LABELED FLAMMABLE SOLID.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. (APPLIES ALSO TO ALUMINIUM METALLIC POWDER) <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991

Common Name : Aluminium Chloride

RTECS Number : BD0525000

CAS Number : 7446-70-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1726. CLASS (8): CORROSIVE. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ALUMINIUM CHLORIDE ANHYDROUS).
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Title :Reference : CAGAAK,124,26,5523,1990Effective Date : 06DEC1990Last Amendment :Entry / Update : OCT1991

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2581. CLASS (8): CORROSIVE. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ALUMINIUM CHLORIDE SOLUTION).
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Title :Reference : CAGAAK,124,26,5523,1990Effective Date : 06DEC1990Last Amendment :Entry / Update : OCT1991

CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.
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Title :Reference : CAGAAK,122,2,551,1988Effective Date : 31DEC1987Last Amendment :Entry / Update : APR1991

DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.
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Title : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)Reference : GMSMA6,,8,114,1990Effective Date :Last Amendment :Entry / Update : DEC1991

DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH ANHYDROUS ALUMINIUM CHLORIDE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH ANHYDROUS ALUMINIUM CHLORIDE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF ANHYDROUS ALUMINIUM CHLORIDE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.
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Title : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)Reference : BGZBAD,,1,1891,1991Effective Date : 01SEP1991Last Amendment :Entry / Update : NOV1991

Common Name : Aluminium Chloride

RTECS Number : BD0525000

CAS Number : 7446-70-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: C - CORROSIVE; CAUSES BURNS (R 34). LABEL: C - CORROSIVE; CAUSES BURNS (R 34); KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER)(S 28). APPLIES TO ANHYDROUS ALUMINIUM CHLORIDE.</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO ALUMINIUM CHLORIDE SOLUTION OF 30% OR LESS WITH HYDROCHLORIC ACID (20% OR LESS)).</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO THE ANHYDROUS SUBSTANCE). UN NO. 1726</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ALUMINIUM CHLORIDE SOLUTION). UN NO. 2581</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ANHYDROUS ALUMINIUM CHLORIDE). UN NO. 1726</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ALUMINIUM CHLORIDE SOLUTION). UN NO. 2581</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>

Common Name : Aluminium Chloride

RTECS Number : BD0525000

CAS Number : 7446-70-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME ALUMINUM, AND SALTSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D</p> <p><u>Reference</u> : FEREAC,54,204,43388,1989</p> <p><u>Last Amendment</u> : FEREAC,54,204,43388,1989</p> <p><u>Effective Date</u> : 1989</p> <p><u>Entry / Update</u> : JAN1992</p>

Common Name : **Aluminium Hydroxide**RTECS Number : **BD0940000**CAS Number : **21645-51-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 6 MG/M3, CALCULATED AS FINE DUST OF ALUMINIUM METAL (20C, 101.3 KPA). APPLIES TO ALUMINIUM AS METAL, ALUMINIUM OXIDE, AND ALUMINIUM HYDROXIDE. FINE DUST IS DEFINED AS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. MAXIMUM QUANTITY OF THE SUM OF OXIDES AND HYDROXIDES OF AL, CA, MG AND SI AND SILICATES OF AL, CA, MG AND K: 2MG/DM2. (APPLIES ALSO TO HYDRATED SILICATES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 6.0MG/M3 (AEROSOL) HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 2 MG/M3 /ALUMINUM SOLUBLE SALTS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	<p>THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBSTANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE.</p> <p><u>Reference</u> : FEREAC,42,,14572,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,177,1200,1988 <u>Entry / Update</u> : NOV1991</p>

Common Name : Aluminum Phosphide

RTECS Number : BD1400000

CAS Number : 20859-73-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD FEED	-	MRL MRL	SPECIFIED CEREALS: 0.1 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> MAY1985
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 31DEC1987 <u>Entry / Update :</u> APR1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1397. CLASS (4.3): DANGEROUS WHEN WET; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 99, 102. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 15 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 06DEC1990 <u>Entry / Update :</u> OCT1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED USE AS INSECTICIDE, ANIMAL TOXICANT. (FORMULATION: DUST OR POWDER; PELLET; TABLET). CODE ALP. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 11AUG1988 <u>Entry / Update :</u> JUN1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON. (APPLIES TO ALL PHOSPHIDES) <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference :</u> SZCSR*,42,1217,1988 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Effective Date :</u> MAY1990 <u>Entry / Update :</u> DEC1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,290,1990 <u>Last Amendment :</u> <u>Effective Date :</u> JAN1991 <u>Entry / Update :</u> DEC1991

Common Name : **Aluminum Phosphide**RTECS Number : **BD1400000**CAS Number : **20859-73-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN ALUMINUMPHOSPHIDE ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES TOXIC, HIGHLY FLAMMABLE GAS (R 15/29). T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). CONTACT WITH ACIDS LIBERATES VERY TOXIC GAS (R 32). LABEL: F - HIGHLY FLAMMABLE; T+ - VERY TOXIC; CONTACT WITH WATER LIBERATES TOXIC, HIGHLY FLAMMABLE GAS (R 15/29); VERY TOXIC IF SWALLOWED (R 28); CONTACT WITH ACIDS LIBERATES VERY TOXIC GAS (R 32); KEEP IN COOL, WELL VENTILATED PLACE AWAY FROM... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - 'NEVER USE WATER') (S 43); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	PACK STORE TRNSP	-	RQR RQR RQR	<p>GENERAL REQUIREMENTS CONCERNING CONTAINERS, STORAGE AND TRANSPORT OF POISONS ARE LAID DOWN. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>

Common Name : Aluminum Phosphide

RTECS Number : BD1400000

CAS Number : 20859-73-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	SALE STORE	-	RSTR RQR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Effective Date :</u> 01JAN1986 <u>Entry / Update :</u> FEB1986
GBR	REG	CLASS SALE	-	CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE IT IS A NON-MEDICAL POISON, IS NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS (COMMISSION DIRECTIVE 73/173/EEC - OJEC L189,7,1973 AS LAST AMENDED BY THE REFERENCE GIVEN). <u>Title :</u> THE POISONS LIST ORDER 1982 <u>Reference :</u> GBRSI*,217,,1,1982 <u>Last Amendment :</u> <u>Effective Date :</u> 1APR1982 <u>Entry / Update :</u> JAN1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ALUMINIUM PHOSPHIDE PESTICIDES). UN NO. 3048 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 4.3 = SUBSTANCE WHICH, IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). SUBSIDIARY RISK LABEL: POISON. UN NO. 1397 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.01-0.1MG/KG CALCULATED AS HYDROGEN PHOSPHIDE. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.01-0.1MG/KG (CALCULATED AS PHOSPHINE) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPE*,3081-84,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	MRL	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01-0.1MG/KG; (CALCULATED AS PH3). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE. <u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference :</u> PFBK*,,,1991 <u>Last Amendment :</u> <u>Effective Date :</u> **APR1992 <u>Entry / Update :</u> JAN1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ALUMINIUM PHOSPHIDE PESTICIDES). UN NO. 3048 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : Aluminum Phosphide

RTECS Number : BD1400000

CAS Number : 20859-73-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.3 = INFLAMMABLE SOLID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE)PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1397. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, AL AND MG PHOSPHIDE, 1986. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGRISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500 RQ=100 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	FORMULATIONS WITH ALUMINUM PHOSPHIDE AS THE SOLE ACTIVE INGREDIENT ARE RESTRICTED FOR ALL USES. THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. <u>Title :</u> PESTICIDES CLASSIFIED FOR RESTRICTED USE <u>Reference :</u> FEREAC,43,,5790,1978 <u>Last Amendment :</u> CFRUS*,40,152,175,1990 <u>Effective Date :</u> 1978 <u>Entry / Update :</u> JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED ON CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM ACIDS AND OXIDIZING MATERIALS. ALL SHIPMENTS MUST BE LABELED FLAMMABLE SOLID AND DANGEROUS WHEN WET. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991

Common Name : Aluminum Phosphide

RTECS Number : BD1400000

CAS Number : 20859-73-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). REACTIVE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Effective Date</u> : 1980 <u>Entry / Update</u> : JAN1992

Common Name : **Amidithion**RTECS Number : **TE1575000**CAS Number : **919-76-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); AVOID CONTACT WITH SKIN (S 24); WEAR SUITABLE PROTECTIVE CLOTHING (S 36).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIB, I.E.WHEN SOLID: AS HARMFUL AT CONCS. > 12.5-100%, WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. > 6-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
RUS	REG	AIR	OCC	PSL	<p>0.15 MG/M3 (VAPOURS + AEROSOL).</p> <p><u>Title</u> : TENTATIVE SAFE EXPOSURE LEVELS OF HARMFUL SUBSTANCES IN OCCUPATIONAL AIR</p> <p><u>Reference</u> : OBUVR*,5203-90,,1-13,1990 <u>Effective Date</u> : 07DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
RUS	REG	AIR	OCC	PSL	<p>0.15 MG/M3 (VAPOUR + AEROSOL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 00APR1988</p> <p><u>Last Amendment</u> : OBUVR*,4613-88,,1988 <u>Entry / Update</u> : MAY1990</p>

Common Name : 4-Aminobiphenyl

RTECS Number : DU8925000

CAS Number : 92-67-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1 MG/M3. SKIN ABSORPTION, POTENTIAL CARCINOGEN.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>HUMAN CARCINOGEN; NO EXPOSURE BY ANY ROUTE (RESPIRATORY, SKIN OR ORAL) SHALL BE PERMITTED. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	USE LABEL PACK	OCC	CLASS RQR RSTR	<p>CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.</p> <p><u>Title</u> : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference</u> : VMZSR*,3,,1985 <u>Effective Date</u> : 1APR1985</p> <p><u>Last Amendment</u> : VMZSR*,10,98,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGFDF,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : 4-Aminobiphenyl

RTECS Number : DU8925000

CAS Number : 92-67-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH 4-AMINODIPHENYL OR ITS SALTS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH 4-AMINODIPHENYL OR ITS SALTS CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF 4-AMINODIPHENYL OR ITS SALTS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	MANUF SALE USE	-	PRO PRO PRO	<p>SUBSTANCES OR PREPARATIONS CONTAINING 4-AMINOBIPHENYL OR ITS SALTS AT A MASS CONTENT OF $\geq 0.1\%$ MAY NOT BE PRODUCED, MARKETED OR USED. SOME EXCEPTIONS FROM THE PROHIBITION ARE MENTIONED.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.1; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); HARMFUL IF SWALLOWED (R 22); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO 4-AMINOBIPHENYL AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	GOODS SALE LABEL	-	MXL RSTR RSTR	<p>4-AMINOBIPHENYL AND ITS SALTS MAY NOT BE USED IN CONCENTRATIONS EQUAL TO OR GREATER THAN 0,1% BY WEIGHT IN SUBSTANCES AND PREPARATIONS PLACED ON THE MARKET. SUCH SUBSTANCES AND PREPARATIONS MAY NOT BE SOLD TO THE GENERAL PUBLIC. THE PACKAGING OF SUCH PREPARATIONS SHALL BE LEGIBLE AND INDELIBLY MARKED AS FOLLOWS: "RESTRICTED TO PROFESSIONAL USERS".</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 1 KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	MANUF USE SAFTY	INDST INDST OCC	PRO PRO RQR	<p>4-AMINOBIPHENYL AND ITS SALTS MAY NOT BE PRODUCED OR USED. THIS BAN DOES NOT APPLY IF THE AGENT IS PRESENT IN A SUBSTANCE OR PREPARATION AS AN IMPURITY, BY-PRODUCT, OR CONSTITUENT OF WASTE PRODUCTS PROVIDED ITS CONCENTRATION IS $< 0.1\%$ (WT/WT). DEROGATIONS TO THE BAN SHALL BE PERMITTED FOR SCIENTIFIC RESEARCH AND TESTING INCLUDING ANALYSIS, FOR THE PRODUCTION OF THE SUBSTANCE FOR USE AS INTERMEDIATE AND FOR SUCH USE; FOR WORK ACTIVITIES INTENDED TO ELIMINATE THIS AGENT WHEN IT IS PRESENT AS A BY-PRODUCT OR WASTE PRODUCT. IN THE CASE OF THESE DEROGATIONS, THE EXPOSURE OF WORKERS TO THE SUBSTANCE MUST BE PREVENTED BY PROVIDING THAT THE PRODUCTION AND EARLIEST POSSIBLE USE OF THIS SUBSTANCE AS INTERMEDIATE TAKES PLACE IN A SINGLE CLOSED SYSTEM.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 JUNE 1988 ON THE PROTECTION OF WORKERS BY THE BANNING OF CERTAIN SPECIFIED AGENTS AND/OR CERTAIN WORK ACTIVITIES (FOURTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 8 OF DIRECTIVE 80/1107/EEC). (88/364/EEC)</p> <p><u>Reference</u> : OJEC**,L179,,44,1988 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>

Common Name : 4-Aminobiphenyl

RTECS Number : DU8925000

CAS Number : 92-67-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS. (APPLIES TO 4-AMINOBIPHENYL AND ITS SALTS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
GBR	REG	MANUF USE		PRO PRO	<p>MANUFACTURE AND USE IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES REGULATIONS 1967. THE PROHIBITION ALSO APPLIES TO THE SALTS OF THE SUBSTANCE, AND ANY SUBSTANCE CONTAINING THE COMPOUND, EXCEPT WHERE PRESENT AS A BY-PRODUCT OF A CHEMICAL REACTION IN ANY OTHER SUBSTANCE IN A TOTAL CONC. NOT EXCEEDING 1%</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GNHSE*,EH15/80,,5,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	IMPRT		PRO	<p>THE IMPORTATION OF THE SUBSTANCE INTO THE UNITED KINGDOM IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES (PROHIBITION OF IMPORTATION) ORDER 1967</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GNHSE*,EH15/80,,5,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 1 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
GBR	REG	USE		PRO	<p>PRODUCTION AND USE IN FACTORIES OF 4-AMINODIPHENYL AND ITS SALTS ARE PROHIBITED EXCEPT WHERE WRITTEN EXEMPTION IS GIVEN FOR 1) INVESTIGATION OR TESTING IN MEDICAL OR SCIENTIFIC RESEARCH; 2) WHERE SUBSTANCES ARE FORMED DURING PROCESS IN A TOTALLY ENCLOSED SYSTEM; 3) TRANS-SHIPMENT. IMPORTATION IS PROHIBITED. REASONS FOR THE CONTROL ACTION: EPIDEMIOLOGICAL STUDIES (LIMITED TO ONE GROUP OF WORKERS OVER A 20 YEAR PERIOD OCCUPATIONALLY EXPOSED TO THE SUBSTANCE) REPORTED HIGH INCIDENCE OF BLADDER CANCER.</p> <p><u>Title</u> : THE EMPLOYMENT MEDICAL ADVISORY SERVICE (FACTORIES ACT ORDERS ETC AMENDMENT) ORDER 1973</p> <p><u>Reference</u> : GBRSI*,36,,,1973 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1985</p>
GBR	REG	MANUF USE		PRO PRO	<p>MANUFACTURE AND USE IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES REGULATIONS 1967. THE PROHIBITION ALSO APPLIES TO THE SALTS OF THE SUBSTANCE, AND ANY SUBSTANCE CONTAINING THE COMPOUND, EXCEPT WHERE PRESENT AS A BY-PRODUCT OF A CHEMICAL REACTION IN ANY OTHER SUBSTANCE IN A TOTAL CONC. NOT EXCEEDING 1%</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GNHSE*,EH15/80,,5,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>

Common Name : 4-Aminobiphenyl

RTECS Number : DU8925000

CAS Number : 92-67-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	IMPRT		PRO	<p>THE IMPORTATION OF THE SUBSTANCE INTO THE UNITED KINGDOM IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES (PROHIBITION OF IMPORTATION) ORDER 1967</p> <p><u>Title :</u></p> <p><u>Reference :</u> GNHSE*,EH15/80,,5,1980 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
IND	REG	MANUF SAFTY STORE IMPRT		RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REponsibilities UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 1KG.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
MEX	REG	AIR	OCC	MXL PRO	<p>THE EXPOSURE TO THIS SUBSTANCE IS NOT ALLOWED BY ANY WAY AT ANY WORKPLACE.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO PRO	<p>NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP A (= IT IS NOT PERMITTED, EXCEPT IN CERTAIN SPECIFIED CASES IF SPECIAL AUTHORIZATION HAS BEEN OBTAINED FROM RESPONSIBLE AUTHORITIES, TO USE OR HANDLE THE SUBSTANCE OR ITS SALTS, NOR PRODUCTS CONTAINING IT AS AN ADDITIVE OR AS A CONTAMINANT IN CONCENTRATIONS OF 0.1% OR MORE).</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
USA	REC	AIR	OCC	TLV	<p>A1, SKIN. A1= CONFIRMED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991</p>

Common Name : 4-Aminobiphenyl

RTECS Number : DU8925000

CAS Number : 92-67-1

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985 <u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991

Common Name : Aminocarb

RTECS Number : FC0175000

CAS Number : 2032-59-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR MANUFACTURING, RESTRICTED USE AS AN INSECTICIDE. (FORMULATION: SOLID; SOLUTION). CODE AMC. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>POMACEOUS FRUIT: 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN AMINOCARB ARE CLASSIFIED INTO CLASS IB, I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference :</u> OJEC**,L206,,13,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OJEC**,L144,,1,1984 <u>Entry / Update :</u> APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->60%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 60-15% (SOLID) OR 60-6% (LIQUID). UN NOS.2758; 2991;2992; 2757</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Entry / Update :</u> JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->60%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 60-15% (SOLID) OR 60-6% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986</p>

Common Name : **Aminocarb**RTECS Number : **FC0175000**CAS Number : **2032-59-9**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME AMINOCARBTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESID UES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference</u> _____ : FEREAC,54,100,22706,1989</p> <p><u>Last Amendment</u> : FEREAC,54,100,22706,1989</p> <p><u>Effective Date</u> : 1988</p> <p><u>Entry / Update</u> : JAN1992</p>
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Common Name : **Amiton**RTECS Number : **TF0525000**CAS Number : **78-53-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH AMITON OR ITS SALTS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH AMITON OR ITS SALTS CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF AMITON OR ITS SALTS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 1 KG AND ABOVE.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference :</u> OJEC**,L230,,1,1982 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OJEC**,L336,,14,1988 <u>Entry / Update :</u> FEB1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 1 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,1990 <u>Entry / Update :</u> SEP1992</p>
IND	REG	MANUF SAFTY STORE IMPRT		RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 1KG.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>

Common Name : **Amiton**RTECS Number : **TF0525000**CAS Number : **78-53-5**Area Type Subject Spec. Description Level / Summary Information :USA REG SAFTY INDST RQR
STORE INDST RQR

TPQ=500 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.

Title : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES

Reference : FEREAC,52,,13395,1987

Effective Date : 1987

Last Amendment : CFRUS*,40,355,,1990

Entry / Update : OCT1991

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 18 MG/M3 (25 PPM), 15 MIN - STEL : 27 MG/M3 (35 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REC	AQ	DRINK	GL MAC	<p>ASSESSMENT OF DATA INDICATES NO NEED TO SET ANUMERICAL GUIDELINE; PROPOSED IN THE GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989 (FOURTH EDITION). THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEYSPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED, AS N) 1.0 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICALFACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CCMEEC,,,,,1989 <u>Effective Date</u> : AUG1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORTINTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING AMMONIA, AND HAS A PH OF 2.5 OR LESS OR 11.5 OR MORE I) BEFORE IT IS PREPARED FOR USE, OR II) WHEN IT IS PREPAREDFOR USE ACCORDING TO THE DIRECTIONS OR IN THEMANNER THAT IS CUSTOMARY OR USUAL, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THISPROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BEOF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,24,4625,1988 <u>Effective Date</u> : 01NOV1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	AQ	EMI WASTE	MXL	<p>SCHEDULE I - AMOUNTS TO BE USED IN CALCULATING AUTHORIZED DEPOSITS OF DELETERIOUS SUBSTANCES - MONTHLY AMOUNT: 3.6 POUNDS PER 1000 BARRELS OF CRUDE OIL; ONE DAYAMOUNT: 5.7 POUNDS PER 1,000 BARRELS OF CRUDEOIL; MAXIMUM DAILY AMOUNT: 7.2 POUNDS PER 1,000 BARRELS OF CRUDE OIL. THESE LEVELS APPLY TO AMMONIA NITROGEN. THESE LIMITS ARE PRESCRIBED BY THE PETROLEUM REFINERY LIQUID EFFLUENT REGULATIONS WHICH FALL UNDER THE FISHERIES ACT, ADMINISTERED BY THE DEPARTMENTOF FISHERIES AND OCEANS. THE REGULATIONS AUTHORIZE THE DEPOSIT OF THESE SUBSTANCES IN EFFLUENT FROM THE REFINERY IF ACTUAL DEPOSITSDO NOT EXCEED LIMITS CALCULATED ON THE BASIS OF THE REFERENCE CRUDE RATE OF THE PARTICULARREFINERY. SEE REGULATION FOR DETAILS.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CRCAEL,7,828,5225,1978 <u>Effective Date</u> : 01NOV1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991</p>

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	RELATIVE DENSITY LESS THAN 0.880 AT 15C IN WATER, WITH MORE THAN 50% AMMONIA. PIN (PRODUCT IDENTIFICATION NO.): UN1005. CLASS (2.4): CORROSIVE GAS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56,90, 99, 102, 109. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THESUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT ORVEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 25 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO ANHYDROUS AMMONIA ANDLIQUIFIED SOLUTIONS)
<u>Title :</u>					
<u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990					
<u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991					
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE ASANIMAL REPELLENT. (FORMULATION: SOLUTION). CODE ADH. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLYREGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.
<u>Title :</u>					
<u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988					
<u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991					
CAN	REG	AIR	OCC	TLV	TWA: 25 PPM, 18 MG/M3; STEL: 35 PPM, 27 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONALS SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATETHAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACCGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".
<u>Title :</u>					
<u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986					
<u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991					
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.
<u>Title :</u>					
<u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987					
<u>Last Amendment :</u> <u>Entry / Update :</u> APR1991					
CSK	REG	GOODS	-	RSTR MXL	MAXIMUM LIMITS IN COSMETICS: 10-100 MG/G
<u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE					
<u>Reference :</u> HPMZC*,32,,,1970 <u>Effective Date :</u> 1JAN1971					
<u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991					
CSK	REG	AQ	DRINK	MAC	0.01 MG/L (APPLIES TO FREE AMMONIA)
<u>Title :</u> WATER QUALITY. DRINKING WATER					
<u>Reference :</u> CSNOR*,757111,,,1989 <u>Effective Date :</u> JAN1991					
<u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991					

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE THIRD GROUP OF AIR POLLUTANTS (GASEOUS INORGANIC AIR POLLUTANT)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO WASTE AQUEOUS SOLUTIONS OF AMMONIA)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.3 MG/L II CLASS: BELOW 0.5 MG/L III CLASS: BELOW 1.5 MG/L IV CLASS: BELOW 5.0 MG/L V CLASS: ABOVE 5.0 MG/L (CALCULATED AS N)</p> <p><u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY</p> <p><u>Reference</u> : CSNOR*,757221,,,1989 <u>Effective Date</u> : 01JUL1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AQ	SURF	MAC	<p>3.0 MG/L (APPLIES TO AMMONIA AND AMMONIUM IONS)</p> <p><u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 20.0 MG/M3; CLV: 40.0 MG/M3.</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>WHEN THE TEST SOLUTION IS NOT NEUTRALIZED THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ	GRND	CLASS	<p>AMMONIA AND NITRITES CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 50 ML/M3 (PPM); 35 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 100 ML/M3 (PPM); 70 MG/M3; CEILING VALUE; 8X/SHIFT. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : **Ammonia**RTECS Number : **BO0875000**CAS Number : **7664-41-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
EEC	REG	AQ MONIT	EMI METHD	MXL RQR	15 MG/L TOTAL NITROGEN FOR 10 000-100 000 P.E. (P.E= POPULATION EQUIVALENT; IT REFERS TO THE ORGANIC BIODEGRADABLE LOAD OF THE WASTE WATER); 10 MG/L TOTAL NITROGEN (MORE THAN 100 000 P.E.); AND/OR AT LEAST 70-80% REDUCTION OF TOTAL NITROGEN FOR DISCHARGES FROM URBAN WASTE WATER TREATMENT PLANTS TO SENSITIVE AREAS WHICH ARE SUBJECT TO EUTROPHICATION. (TOTAL NITROGEN MEANS: THE SUM OF TOTAL KJELDAHL-NITROGEN (ORGANIC N + NH ₃), NITRATE-NITROGEN AND NITRITE-NITROGEN). THE REFERENCE METHOD OF MEASUREMENT IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY. MONITORING METHODS ARE GIVEN. CRITERIA FOR IDENTIFICATION OF SENSITIVE AND LESS SENSITIVE AREAS ARE SPECIFIED. THIS DIRECTIVE CONCERNS THE COLLECTION, TREATMENT AND DISCHARGE OF URBAN WASTE WATER AND THE TREATMENT AND DISCHARGE OF WASTE WATER FROM CERTAIN INDUSTRIAL SECTORS. <u>Title :</u> COUNCIL DIRECTIVE OF 21 MAY 1991 CONCERNING URBAN WASTE WATER TREATMENT (91/271/EEC). <u>Reference :</u> OJEC**,L135,,40,1991 <u>Effective Date :</u> 31DEC1998 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: C - CORROSIVE; CAUSES BURNS (R 34). XI - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM (R 37). LABEL: C - CORROSIVE; CAUSES BURNS (R 34); IRRITATING TO RESPIRATORY SYSTEM (R 37); KEEP CONTAINER TIGHTLY CLOSED (S 7); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). APPLIES TO AMMONIA SOLUTIONS. THE PERCENTAGE CONCENTRATION MUST BE STATED ON THE LABEL. CLASSIFICATION OF PREPARATIONS CONTAINING AMMONIA IN CONCENTRATION RANGE: ABOVE 10%: C - CORROSIVE; CAUSES BURNS (R 34); IRRITATING TO RESPIRATORY SYSTEM (R 37). FROM 5% TO 10%: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). <u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: FLAMMABLE (R 10). T - TOXIC; TOXIC BY INHALATION (R 23). LABEL: T - TOXIC; FLAMMABLE (R 10); TOXIC BY INHALATION (R 23); KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE (S 7/9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT (S 38). (APPLIES TO ANHYDROUS AMMONIA).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR AMMONIA IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 1.5 MG NH4/L FOR NORMAL WATER TREATMENT METHODS AND 4 MG NH4/L FOR INTENSIVE METHODS. GUIDELINE VALUES: 0.05 MG NH4/L FOR SIMPLE METHODS, 1 MG NH4/L FOR NORMAL METHODS AND 2 MGNH4/L FOR INTENSIVE METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)</p> <p><u>Reference</u> : OJEC**,L194,,26,1975 <u>Effective Date</u> : 25JUL1977</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ	FRESH	RQR	<p>QUALITY STANDARD FOR AMMONIA IN FISH WATERS: A) SALMON-CONTAINING <0.025 MG NH3/L (GUIDELINE VALUE: <0.005 MG/L) FOR NON-IONIZED AMMONIA, AND <1 MG NH4/L (GUIDELINE VALUE: <0.04 MG NH4/L) FOR TOTAL AMMONIA. B) OTHERS (CARP-CONTAINING) <0.025 MG NH3/L (GUIDELINE VALUE: <0.005 MG/L) FOR NON-IONIZED AMMONIA, AND <1 MG NH4/L (GUIDELINE VALUE: <0.2 MG/L) FOR TOTAL AMMONIA. MEMBER STATES SHALL DESIGNATE ARTIFICIAL OR NATURAL FRESH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 18 JULY 1978 ON THE QUALITY OF FRESH WATERS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE. (78/659/EEC).</p> <p><u>Reference</u> : OJEC**,L222,,1,1978 <u>Effective Date</u> : 14AUG1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR AMMONIUM IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS MAS. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p><u>Reference</u> : OJEC**,L271,,44,1979 <u>Effective Date</u> : 09OCT1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF AMMONIA AND NITRITES INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 500 TONNES AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 50 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 500 TONNES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC: 0.5 MG NH4/L, GL: 0.05 MG NH4/L (OF AMMONIUM) (ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ MONIT	SURF METHD	RQR RQR	<p>THE AMMONIA EXPRESSED AS THE AMMONIUM CONCENTRATION SHALL AMONG OTHER PARAMETERS BE REPORTED IN THE EXCHANGE OF INFORMATION ON THE QUALITY OF SURFACE FRESH WATER IN THE COMMUNITY. THE REFERENCE METHOD OF MEASUREMENT OF THE AMMONIUM CONCENTRATION IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY.</p> <p><u>Title</u> : COUNCIL DECISION OF 12 DECEMBER 1977 ESTABLISHING A COMMON PROCEDURE FOR THE EXCHANGE OF INFORMATION ON THE QUALITY OF SURFACE FRESH WATER IN THE COMMUNITY. (77/795/EEC).</p> <p><u>Reference</u> : OJEC**,L334,,29,1977 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L335,,44,1986 <u>Entry / Update</u> : OCT1987</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 500 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : SEP1992</p>
GBR	REG	CLASS SALE		CLASS RSTR	<p>POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER.</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBRSI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 17 MG/M3 (25 PPM). STEL (10 MIN-TWA): 24 MG/M3 (35 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : TOXIC GAS. EMERGENCY ACTION CODE : 2PE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	USE	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 100 OR MORE TONS OF AMMONIA ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY. (ANHYDROUS OR AS SOLUTION CONTAINING MORE THAN 50% BY WEIGHT OF AMMONIA).</p> <p><u>Title</u> : HEALTH AND SAFETY. THE NOTIFICATION OF INSTALLATIONS HANDLING HAZARDOUS SUBSTANCES REGULATIONS 1982</p> <p><u>Reference</u> : GBRSI*,1357,,,1982 <u>Effective Date</u> : 1JAN1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>0.5 MG NH4/L (AMMONIA AND AMMONIUM IONS) IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1147,,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1837,,,1991 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP AQ	MARIN EMI	RQR RSTR RSTR	<p>CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO AQUEOUS AMMONIA, 28% OR LESS)</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ AQ	SURF DRINK	CLASS RQR	<p>IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 1.5 MG/L NH4,OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 4.0 MG/L NH4, PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,1148,,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR STORE	INDST EMI	RQR RSTR RQR	<p>THE STORAGE OF ANHYDROUS AMMONIA EXCEPT WHERE THE TOTAL CAPACITY OF THE TANKS INSTALLED AT THE LOCATION IN QUESTION IN WHICH THE SUBSTANCE MAY BE STORED IS LESS THAN 100 TONNES IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,3,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OF A CHEMICAL WHICH INVOLVES THE USE OF AMMONIA OR MAY RESULT IN THE RELEASE OF AMMONIA INTO THE AIR, OTHER THAN A PROCESS IN WHICH AMMONIA IS USED ONLY AS A REFRIGERANT IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,3,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 50 TONNES, MANUFACTURERS MUST DEMONSTRATE TO THE HEALTH AND SAFETY EXECUTIVE THAT ANY MAJOR ACCIDENT HAZARDS HAVE BEEN IDENTIFIED AND THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PREVENT OR LIMIT THE CONSEQUENCES OF A MAJOR ACCIDENT INVOLVING THIS DANGEROUS SUBSTANCE. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. FOR THE ISOLATED STORAGE OF QUANTITIES EQUAL TO OR GREATER THAN 500 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO AMMONIA SOLUTIONS, RELATIVE DENSITY LESS THAN 0.880 AT 15C IN WATER, WITH MORE THAN 35 PERCENT BUT BUT NOT MORE THAN 50 PERCENT AMMONIA). UN 2073.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO AMMONIA, ANHYDROUS, LIQUEFIED, OR AMMONIA SOLUTIONS,RELATIVE DENSITY LESS THAN0.880 AT 15C IN WATER, WITH MORE THAN 50% FREE AMMONIA). UN NO. 1005.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO AMMONIA SOLUTIONS, RELATIVE DENSITY BETWEEN 0.880 AND 0.957 AT 15C IN WATER WITH MORE THAN 10 PERCENT BUT NOT MORE THAN 35 PERCENT AMMONIA (WT/WT)). UN NO. 2672</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. SUBSTANCE THRESHOLD LIMITS: (1) FOR APPLICATION OF DUTIES UNDER ITEMS (A) TO (H): 60 T; (2) FOR APPLICATION OF DUTIES UNDER ITEM (J): 600 T. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 50 T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 500 T.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 17 MG/M3 (25 PPM)</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REC	AIR	EMI	MXL	<p>RANGE OF REGULATORY STANDARDS ON BOUNDARY LINE: 1-5 PPM (0.7-3.5 MG/M3). VALUES DIFFER DEPENDING ON TYPE OF FACILITY ETC..</p> <p><u>Title</u> : OFFENSIVE ODOUR CONTROL LAW</p> <p><u>Reference</u> : QEJPN*,,,349,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 18 MG/M3 (25 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 27 MG/M3 (35 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 25 MG/M3 (VAPOUR, AEROSOL- APPLIES TO FERTILIZER MIXT. WITH UREA); HAZ. CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 0.05 MG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,1978 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>2.0 MG/L (CALCULATED AS NITROGEN) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.2 MG/M3 1X/D, 0.04 MG/M3 AV/D</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 20.0 MG/M3 (VAPOUR) HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 18 MG/M3 (25 PPM). CLV: 35 MG/M3 (50 PPM) (AVERAGE OVER 5 MINUTES) <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISKS: 3 = INFLAMMABLE LIQUID AND 6.1 = POISONOUS SUBSTANCE. (APPLIES TO AMMONIA ANHYDROUS, LIQUEFIED OR AMMONIA SOLUTIONS, RELATIVE DENSITY < 0.880 AT 15C IN WATER, WITH MORE THAN 50% AMMONIA.) UN NO.1005. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO AMMONIA SOLUTIONS, RELATIVE DENSITY LESS THAN 0.880 AT 15C IN WATER, WITH MORE THAN 35 PERCENT BUT BUT NOT MORE THAN 50 PERCENT AMMONIA). UN 2073. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO AMMONIA SOLUTIONS, RELATIVE DENSITY BETWEEN 0.880 AND 0.957 AT 15C IN WATER WITH MORE THAN 10 PERCENT BUT NOT MORE THAN 35 PERCENT AMMONIA). UN NO. 2672 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 25 PPM, 17 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 35 PPM, 24 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	500 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,38,1990 <u>Last Amendment :</u> XPHPAW,90,117,38,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500 RQ=100 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, T HE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. (CALCULATED AS N). <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FERECAC,52,,13395,1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : Ammonia

RTECS Number : BO0875000

CAS Number : 7664-41-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE. (CALCULATED AS N).</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). (CALCULATED AS N)</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. (CALCULATED AS N)</p> <p><u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference :</u> FEREC,51,,34547,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991</p>

Common Name : Ammonium Chloride

RTECS Number : BP4550000

CAS Number : 12125-02-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 10 MG/M3; 15 MIN - STEL: 20 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (APPLIES TO FUME).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): NA9085. CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 49. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>FUME - TWA: 10 MG/M3; STEL: 20 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 10-25G/KG (CALCULATED AS SODIUM CHLORIDE)</p> <p><u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986</p> <p><u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ USE	-	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : Ammonium Chloride

RTECS Number : BP4550000

CAS Number : 12125-02-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	FEED	ADDIT	PRMT	AMMONIUM CHLORIDE (E510) MAY BE ADDED AS AN ACIDITY REGULATOR TO FEEDINGSTUFFS FOR DOGS AND CATS. <u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC). <u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 1DEC1987 <u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES (R 36); DO NOT BREATHE DUST (S 22). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
GBR	REG	AIR	OCC	OES	8H-TWA: 10 MG/M3 (FUME). STEL (10 MIN-TWA): 20 MG/M3 (FUME) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVAL OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 1.2 MG/L <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : PDKTV*,,,,1978 <u>Entry / Update</u> : SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 10 MG/M3 (AEROSOL) HAZ. CLASS: III <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Effective Date</u> : 1JAN1989 <u>Entry / Update</u> : MAY1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 20 MG/M3 /FUME/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,,11,1991 <u>Entry / Update</u> : DEC1991

Common Name : Ammonium Chloride

RTECS Number : BP4550000

CAS Number : 12125-02-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	5000 (2270) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991

Common Name : Ammonium 9-hydroperfluorononanoate**RTECS Number :****CAS Number :** 1868-86-6

Area Type Subject Spec. Description Level / Summary Information :

RUS REG AQ SURF MAC
CLASS 2.0 MG/L HAZARD CLASS: IITitle :Reference _____ :Last Amendment : SPNPV*,4630-88,,,1988Effective Date : 1JAN1989Entry / Update : JUL1990

Common Name : Ammonium Hydroxide

RTECS Number : BQ9625000

CAS Number : 1336-21-6

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER AMMONIUM SOLUTIONS, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	RELATIVE DENSITY BETWEEN 0.880 AND 0.957 AT 15C IN WATER, WITH MORE THAN 10% BUT NOT MORETHAN 35% AMMONIA. PIN (PRODUCT IDENTIFICATION NO.): UN2672. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP III, (I=GREAT DANGER, III=MINORDANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	RELATIVE DENSITY LESS THAN 0.880 AT 15 C IN WATER, WITH MORE THAN 35% BUT NOT MORE THAN 50% AMMONIA. PIN (PRODUCT IDENTIFICATION NO.): UN2073. CLASS (2.4): CORROSIVE GAS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 56, 90, 99, 109. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ONA CARGO AIRCRAFT: 150 KG. PRESCRIBED BY THETRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORTINTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING AMMONIUM HYDROXIDE AND HAS A PH OF 2.5 OR LESS OR 11.5 OR MORE I) BEFORE IT IS PREPARED FOR USE OR II) WHEN IT IS PREPARED FOR USE ACCORDING TO THE DIRECTIONS OR IN THEMANNER THAT IS CUSTOMARY OR USUAL, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BEOF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC. <u>Title :</u> <u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991

Common Name : **Ammonium Hydroxide**RTECS Number : **BQ9625000**CAS Number : **1336-21-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CSK	REG	AQ	SURF DRINK	MAC	0.5 MG/L (APPLIES TO AMMONIUM SALTS IN DRINKING WATER RESERVE). <u>Title :</u> GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION <u>Reference :</u> SZCSR*,9,125,1975 <u>Effective Date :</u> APR1975 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CSK	REG	FOOD GOODS	-	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 10-15 MG/G. <u>Title :</u> DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS <u>Reference :</u> HPMZC*,42,,,1978 <u>Effective Date :</u> 1JUL1978 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CSK	REG	AQ	DRINK	MAC	0.5 MG/L (APPLIES TO AMMONIUM SALTS) <u>Title :</u> WATER QUALITY. DRINKING WATER <u>Reference :</u> CSNOR*,757111,,,1989 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
EEC	REG	FOOD	ADDIT	PRMT	THIS SUBSTANCE MAY BE USED AS A DILUTANT OR SOLVENT FOR COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. <u>Title :</u> COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. <u>Reference :</u> OJEC**,115,,2645/62,1962 <u>Effective Date :</u> <u>Last Amendment :</u> OJEC**,L43,,11,1981 <u>Entry / Update :</u> FEB1986
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	USE: ACIDITY REGULATOR; ADI: THE ESTABLISHMENT OF AN ADI IS NOT DEEMED NECESSARY; MXL: COCOA POWDERS AND DRY COCOA-SUGAR MIXTURES, COCOA NIB AND COCOA DUST, COCOA MASS AND COCOA PRESS CAKE: 50 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH CARBONATES, HYDROGEN CARBONATES AND HYDROXIDES, EXPRESSED AS ANHYDROUS K ₂ CO ₃ ON FAT-FREE COCOA FRACTION) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1983 <u>Last Amendment :</u> FAOCA*,XIV,,34,1983 <u>Entry / Update :</u> MAY1991
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,374,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991

Common Name : Ammonium Hydroxide

RTECS Number : BQ9625000

CAS Number : 1336-21-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	EMI	RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	BETWEEN 12% AND 44% AMMONIA: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 2 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 2 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.244. ALL SHIPMENTS MUST BE LABELED CORROSIVE. LESS THAN 12% AMMONIA: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991 <u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991

Common Name : Ammonium Nitrate

RTECS Number : BR9050000

CAS Number : 6484-52-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH NOT MORE THAN 0.2% COMBUSTIBLE SUBSTANCES, INCLUDING ANY ORGANIC SUBSTANCE CALCULATED AS CARBON, TO THE EXCLUSION OF ANYOTHER ADDED SUBSTANCE. PIN (PRODUCT IDENTIFICATION NO.): UN1942. CLASS (5.1): OXIDIZER. SPECIAL PROVISIONS: 46, 83, 100. PACKING GROUP III, (I=GREAT DANGER, III=MINORDANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>(HOT CONCENTRATED SOLUTION). PIN (PRODUCT IDENTIFICATION NO.): UN2426. CLASS (5.1): OXIDIZER. SPECIAL PROVISIONS: 46, 56, 99. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PROHIBITED. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO AMMONIUM NITRATELIQUID)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH MORE THAN 0.2% COMBUSTIBLE SUBSTANCES, INCLUDING ANY ORGANIC SUBSTANCE CALCULATED ASCARBON, TO THE EXCLUSION OF ANY OTHER ADDED SUBSTANCE. PIN (PRODUCT IDENTIFICATION NO.): UN0222. CLASS (1.1D): EXPLOSIVE. SPECIAL PROVISIONS: 22, 26, 102. MAXIMUM AMOUNT PERPACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER ROAD VEHICLE: PROHIBITED. MAXIMUMAMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ONAN AIRCRAFT: PROHIBITED. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : Ammonium Nitrate

RTECS Number : BR9050000

CAS Number : 6484-52-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	GOODS MONIT	EEC AGRIC METHD	PRMT RQR	<p>THE METHODS OF CHECKING, ANALYSIS AND TESTING FOR OFFICIAL CONTROLS OF THE SUBSTANCE USED AS FERTILIZER ARE LAID DOWN.</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 8 DECEMBER 1986 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO PROCEDURES FOR THE CONTROL OF CHARACTERISTICS OF, LIMITS FOR AND RESISTANCE TO DETONATION OF STRAIGHT AMMONIUM NITRATE FERTILIZERS OF HIGH NITROGEN CONTENT. (87/94/EEC).</p> <p><u>Reference</u> : OJEC**,L38,,1,1987 <u>Effective Date</u> : 30NOV1988</p> <p><u>Last Amendment</u> : OJEC**,L63,,12,1988 <u>Entry / Update</u> : JAN1992</p>
EEC	REG	GOODS GOODS	AGRIC METHD	PRMT RQR	<p>AMMONIUM NITRATE BASED PRODUCTS CONTAINING MORE THAN 28% BY WEIGHT OF NITROGEN, WHICH MAY CONTAIN INORGANIC ADDITIVES OR INERT SUBSTANCES SUCH AS GROUND LIMESTONE OR GROUND DOLOMITE, CALCIUM SULFATE, MAGNESIUM SULFATE AND KIESERITE MAY BE USED AS FERTILIZER. TO BE ELIGIBLE FOR THE DESCRIPTION 'EEC FERTILIZER', THE FERTILIZER MUST CONFORM TO THE CHARACTERISTICS AND LIMITS LAID DOWN. THE TEST OF RESISTANCE TO DETONATION IS DESCRIBED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO STRAIGHT AMMONIUM NITRATE FERTILIZERS OF HIGH NITROGEN CONTENT. (80/876/EEC).</p> <p><u>Reference</u> : OJEC**,L250,,7,1980 <u>Effective Date</u> : 01JAN1984</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1987</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 350 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 2500 TONNES. (THIS APPLIES TO AMMONIUM NITRATE AND MIXTURES OF AMMONIUM NITRATE WHERE THE NITROGEN CONTENT DERIVED FROM THE AMMONIUM NITRATE IS GREATER THAN 28 % BY WEIGHT AND AQUEOUS SOLUTIONS OF AMMONIUM NITRATE WHERE THE CONCENTRATION OF AMMONIUM NITRATE IS GREATER THAN 90 % BY WEIGHT).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 1250 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 10000 TONNES. (THIS APPLIES TO STRAIGHT AMMONIUM NITRATE FERTILIZERS WHICH COMPLY WITH DIRECTIVE 80/876/EEC AND TO COMPOUND FERTILIZERS WHERE THE NITROGEN CONTENT DERIVED FROM THE AMMONIUM NITRATE IS GREATER THAN 28 % BY WEIGHT (A COMPOUND FERTILIZER CONTAINS AMMONIUM NITRATE TOGETHER WITH PHOSPHATE AND/OR POTASH)).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>

Common Name : Ammonium Nitrate

RTECS Number : BR9050000

CAS Number : 6484-52-2

Area Type Subject Spec. Description Level / Summary Information :

GBR REG TRNSP MARIN RQR
AQ MARIN RSTR
AQ EMI RSTR

CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO AMMONIUM NITRATE SOLUTION WITH UREA).

Title : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1

Reference : GBRSI*,551,,15,1987 Effective Date : 06APR1987

Last Amendment : GBRSI*,2604,,2,1990 Entry / Update : 1992

GBR REG SAFTY INDST RQR
STORE RQR

FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 350 TONNES (1250 TONNES IN THE FORM OF FERTILIZERS), MANUFACTURERS MUST DEMONSTRATE TO THE HEALTH AND SAFETY EXECUTIVE THAT ANY MAJOR ACCIDENT HAZARDS HAVE BEEN IDENTIFIED AND THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PREVENT OR LIMIT THE CONSEQUENCES OF A MAJOR ACCIDENT INVOLVING THIS DANGEROUS SUBSTANCE. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. FOR THE ISOLATED STORAGE OF QUANTITIES EQUAL TO OR GREATER THAN 2500 TONNES (10 000 TONNES IN THE FORM OF FERTILIZERS), THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).

Title : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984

Reference : GBRSI*,1902,,,1984 Effective Date : 31DEC1990

Last Amendment : GBRSI*,2325,,,1990 Entry / Update : 1992

GBR REG TRNSP MARIN RQR
AQ MARIN RSTR
AQ EMI RSTR

CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO SOLUTION WITH UREA CONTAINING AQUA AMMONIA).

Title : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1

Reference : GBRSI*,551,,15,1987 Effective Date : 06APR1987

Last Amendment : GBRSI*,2604,,2,1990 Entry / Update : 1992

GBR REG USE INDST RQR

IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 500 OR MORE TONS OF AMMONIUM NITRATE ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY. (APPLIES TO AMMONIUM NITRATE AND MIXTURES OF AMMONIUM NITRATE WHERE THE NITROGEN CONTENT DERIVED FROM THE AMMONIUM NITRATE EXCEEDS 28% OF THE MIXTURE BY WEIGHT, OTHER THAN: A) MIXTURES TO WHICH THE EXPLOSIVES ACT 1975(A) APPLIES; OR B) AMMONIUM NITRATE BASED PRODUCTS MANUFACTURED CHEMICALLY FOR USE AS FERTILISER WHICH COMPLY WITH COUNCIL DIRECTIVE 80/876/EEC(B). ALSO APPLIES TO AQUEOUS SOLUTIONS CONTAINING MORE THAN 90 PARTS BY WEIGHT OF AMMONIUM NITRATE PER 100 PARTS BY WEIGHT OF SOLUTION).

Title : HEALTH AND SAFETY. THE NOTIFICATION OF INSTALLATIONS HANDLING HAZARDOUS SUBSTANCES REGULATIONS 1982

Reference : GBRSI*,1357,,,1982 Effective Date : 1JAN1983

Last Amendment : Entry / Update : APR1986

GBR REG SAFTY INDST RQR
STORE RQR

ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 5000 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (APPLIES TO AMMONIUM NITRATE WHERE THIS SUBSTANCE IS IN A STATE WHICH GIVES IT PROPERTIES CAPABLE OF CREATING A MAJOR ACCIDENT HAZARD). (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).

Title : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984

Reference : GBRSI*,1902,,,1984 Effective Date : 31DEC1990

Last Amendment : GBRSI*,2325,,,1990 Entry / Update : SEP1992

Common Name : Ammonium Nitrate

RTECS Number : BR9050000

CAS Number : 6484-52-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. (APPLIES TO AMMONIUM NITRATE, LIQUID (HOT CONCENTRATED SOLUTION)). UN NO. 2426 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 1.1 = EXPLOSIVE - SUBSTANCE WHICH HAS A MASS EXPLOSION HAZARD (APPLIES TO AMMONIUM NITRATE AND AMMONIUM NITRATE FERTILIZER WITH MORE THAN 0.2 PERCENT COMBUSTIBLE SUBSTANCES). UN NO.0222; 0223. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO AMMONIUM NITRATE WITH NOT MORE THAN 0.2 PERCENT COMBUSTIBLE SUBSTANCES). UN NO. 1942 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER DANGER/MINOR DANGER. UN NO. 2072 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO AMMONIUM NITRATE FERTILIZERS, MIXTURES SPECIFIED.) UN NOS. 2067; 2068; 2069; 2070. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO AMMONIUM NITRATE FERTILIZERS, MIXTURES SPECIFIED) UN NO.2071 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991

Common Name : Ammonium Nitrate

RTECS Number : BR9050000

CAS Number : 6484-52-2

Area Type Subject Spec. Description Level / Summary Information :

IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR AMMONIUM NITRATE, THE SUBSTANCE THRESHOLD LIMITS ARE: (1) FOR APPLICATION OF DUTIES UNDER ITEMS (A) TO (H): 350 T ; (2) FOR APPLICATION OF DUTIES UNDER ITEM (I): 2500 T. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 350 T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 2500 T. FOR AMMONIUM NITRATE FERTILIZER, THE SUBSTANCE THRESHOLD LIMITS ARE: (1) FOR APPLICATION OF DUTIES UNER ITEMS (A) TO (H): 1250 T; (2) FOR APPLICATION OF DUTIES UNDER ITEM (I): 10 000 T. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 1500 T. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0.5 MG/L <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	AMBI	MAC	0.3 MG/M3 AV/D <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. (APPLIES TO AMMONIUM NITRATE, LIQUID (HOT CONCENTRATED LIQUID)). UN NO. 2426 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 1.1 = EXPLOSIVE - SUBSTANCE WHICH HAS A MASS EXPLOSION HAZARD (APPLIES TO AMMONIUM NITRATE WITH MORE THAN 0.2 PERCENT COMBUSTIBLE SUBSTANCES AND AMMONIUM NITRATE FERTILIZER). UN NO.0222; 0223. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO AMMONIUM NITRATE WITH NOT MORE THAN 0.2 PERCENT COMBUSTIBLE SUBSTANCES, INCLUDING ANY ORGANIC SUBSTANCE CALCULATED AS CARBON, TO THE EXCLUSION OF ANY OTHER ADDED SUBSTANCE). UN NO. 1942 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990

Common Name : Ammonium Nitrate

RTECS Number : BR9050000

CAS Number : 6484-52-2

Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO AMMONIUM NITRATE FERTILIZERS, MIXTURES SPECIFIED.) UN NOS. 2067; 2068; 2069; 2070.
					<u>Title :</u>
					<u>Reference :</u>
					<u>Effective Date :</u>
					<u>Last Amendment :</u> UNTDG*,,,15,1989
					<u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. (APPLIES TO AMMONIUM NITRATE FERTILIZERS) UN NO.2072
					<u>Title :</u>
					<u>Reference :</u>
					<u>Effective Date :</u>
					<u>Last Amendment :</u> UNTDG*,,,15,1989
					<u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO AMMONIUM NITRATE FERTILIZERS, MIXTURES SPECIFIED) UN NO.2071
					<u>Title :</u>
					<u>Reference :</u>
					<u>Effective Date :</u>
					<u>Last Amendment :</u> UNTDG*,,,15,1989
					<u>Entry / Update :</u> AUG1990
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	FERTILIZER: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SH IPMENTS MUST BE LABELED OXIDIZER.FUEL OIL MIXTURE: MAY BE TRANSPORTED ON CARGO VESSELS IN A MAGAZINE IN ACCORDANCE TO 49 CFR 176.135 AND 176.144. FORBIDDEN ON PASSENGER VESSELS AND IN AIRCRAFT. SHIPMENTS MUST BE LABELED EXPLOSIVE A. CONTAINING ONLY PRIL LED AMMONIUM NITRATE AND FUEL OIL: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. ALL SHIPMENTS MUST BE LABELED BLASTING AGENT.AMMONIUM NITRATE (NO ORGANIC COATING): MAY BE TR ANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABEL ED OXIDIZER.AMMONIUM NITRATE (ORGANIC COATING): MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENG ER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED OXIDIZER. AMMONIUM NITRATE, SOLUTION CONTAINING LESS THAN 35% WATER: MAY BE TRANSPORTED IN ACCORDANCE TO 49 CFR 173.154(A) (4) AND 173.154(A) (17). THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.
					<u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS
					<u>Reference :</u> CFRUS*,49,172,101,1984
					<u>Effective Date :</u> OCT1991
					<u>Last Amendment :</u> CFRUS*,49,172,101,1990
					<u>Entry / Update :</u> NOV1991
USA	REG	USE FOOD STORE MANUF PACK	-	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT O R OIL ON THE SURFACE. THESE SUBSTANCES ARE NOT TO BE USED IN QUANTITIES WHICH EXCEED THAT REQUIRED TO ACCOMPLISH THEIR INTENDED PHYSICAL OR TECHNICAL EFFECT AND ARE SO USED AS TO ACCOMPLISH NO EFFECT IN FOOD OTHER THAN THAT ORDINARILY ACCOMPLISHED BY PA CKAGING.
					<u>Title :</u> INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD
					<u>Reference :</u> FEREAC,42,,14554,1977
					<u>Effective Date :</u> 1977
					<u>Last Amendment :</u> CFRUS*,21,176,180,1988
					<u>Entry / Update :</u> NOV1991

Common Name : Ammonium Nitrate

RTECS Number : BR9050000

CAS Number : 6484-52-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	AIR	EMI	RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). (APPLIES ALSO TO AMMONIUM NITRATE SOLUTION).
		SOIL	EMI	RQR	
		AQ	EMI	RQR	
		MANUF	EMI	RQR	

Title : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES

Reference : CFRUS*,40,372,65,1988

Effective Date : 1987

Last Amendment : CFRUS*,40,372,65,1988

Entry / Update : OCT1991

Common Name : Ammonium Persulfate

RTECS Number : SE035000

CAS Number : 7727-54-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1444. CLASS (5.1): OXIDIZER. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1MG/M3 (MEASURED AS S208).</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD GROUP: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1444</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS BLEACHING, MATURING AND DOUGH CONDITIONING AGENT. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,332,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.5 MG/L HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD GROUP: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1444</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH HAVE BEEN CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH MANUFACTURING, PACKING, PROCESSING, PREPARING, TREATING , TRANSPORTING OR HOLDING AQUEOUS AND FATTY FOODS. THESE ARE EXEMPTED FROM EXTRACTION ANALYSIS IN 21 CFR 176.170(C).</p> <p><u>Title :</u> INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS-COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH AQUEOUS AND FATTY FOODS</p> <p><u>Reference :</u> FEREAC,42,,14554,1977 <u>Effective Date :</u> 1977</p> <p><u>Last Amendment :</u> CFRUS*,21,176,170,1988 <u>Entry / Update :</u> NOV1991</p>

Common Name : **Ammonium Persulfate**RTECS Number : **SE0350000**CAS Number : **7727-54-0**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED OXIDIZER. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBSTANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988. <u>Title :</u> INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE. <u>Reference :</u> FEREAC,42,,14572,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,177,1200,1988 <u>Entry / Update :</u> NOV1991
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference :</u> FEREAC,42,,14534,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Entry / Update :</u> NOV1991
USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH HAVE BEEN CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD-CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH MANUFACTURING, PACKING, PROCESSING, PREPARING, TREATING, TRANSPORTING OR HOLDING AQUEOUS AND FATTY FOODS. THESE ARE EXEMPTED FROM EXTRACTION ANALYSIS IN 21 CFR 176.170(C). <u>Title :</u> INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS-COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH AQUEOUS AND FATTY FOODS <u>Reference :</u> FEREAC,42,,14554,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,176,170,1988 <u>Entry / Update :</u> NOV1991

Common Name : Ammonium Sulfate

RTECS Number : BS4500000

CAS Number : 7783-20-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS ADJUVANT. (FORMULATION: GRANULAR; SOLUTION). CODE ASL. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO AMMONIUM SULPHATE SOLUTION).</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS YEAST FOOD. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,406,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 25.0 MG/M3 (AEROSOL, VAPOUR) (APPLIES TO FERTILIZER); HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 1.0 MG/L</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> SEP1985</p>

Common Name : Ammonium Sulfate

RTECS Number : BS4500000

CAS Number : 7783-20-2

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AQ	SURF	MAC CLASS	1.0 MG/L (CALCULATED AS N) HAZARD CLASS: III
					<u>Title :</u>
					<u>Reference :</u>
					<u>Effective Date :</u> 1JAN1989
					<u>Last Amendment :</u> SPNPV*,4630-88,,1988
					<u>Entry / Update :</u> JUL1990
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). (APPLIES ALSO TO AMMONIUM SULFATE SOLUTION).
					<u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES
					<u>Reference :</u> CFRUS*,40,372,65,1988
					<u>Effective Date :</u> 1987
					<u>Last Amendment :</u> CFRUS*,40,372,65,1988
					<u>Entry / Update :</u> OCT1991
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBSTANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988.
					<u>Title :</u> INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE.
					<u>Reference :</u> FEREAC,42,,14572,1977
					<u>Effective Date :</u> 1977
					<u>Last Amendment :</u> CFRUS*,21,177,1200,1988
					<u>Entry / Update :</u> NOV1991

Common Name : Ammonium Vanadate

RTECS Number :

CAS Number : 7803-55-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO): UN2859. CLASS (6.1): POISONOUS. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2859</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2859</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /VANADIUM, AS V2O5, RESPIRABLE DUST & FUME/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>

Common Name : **Aniline**RTECS Number : **BW6650000**CAS Number : **62-53-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 10 MG/M3 (2 PPM). SKIN ABSORPTION, POTENTIAL CARCINOGEN.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>15 MG/M3 (4 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)</p> <p><u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference :</u> SMTBR*,3,,140,1980 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 2 PPM, 10 MG/M3; SKIN ABSORPTION. (APPLIES TO ANILINE AND HOMOLOGUES). PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1547. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 56, 109,110. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS</p> <p><u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference :</u> HPMZC*,32,,1970 <u>Effective Date :</u> 1JAN1971</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Aniline

RTECS Number : BW6650000

CAS Number : 62-53-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL WASTE AROMATIC AMINES)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 5.0 MG/M3; CLV: 20.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ANILINE AND ITS N-ALKYL AND N,N-DIALKYL DERIVATIVES).</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 2 ML/M3 (PPM); 8 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 10 ML/M3 (PPM); 40 MG/M3; AVERAGE VALUE; 2X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	BAT	<p>URINE: 1 MG/L, AS FREE ANILINE. BLOOD: 100 UG/L, AS ANILINE RELEASED FROM ANILINE-HAEMOGLOBIN CONJUGATE. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT; FOR LONG-TERM EXPOSURES: AFTER SEVERAL SHIFTS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : **Aniline**RTECS Number : **BW6650000**CAS Number : **62-53-3**Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
					<p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
					<p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 1%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.2% TO 1%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); DANGER OF CUMULATIVE EFFECTS (R 33).
					<p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO ANILINE SALTS. CHEMICAL NAME MUST BE STATED ON THE LABEL.
					<p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 3X
					<p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.
					<p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Aniline

RTECS Number : BW6650000

CAS Number : 62-53-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 10 MG/M3 (2 PPM). STEL (10 MIN-TWA): 20 MG/M3 (5 PPM) SKIN ABSORPTION. TO BE REVIEWED. <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1547. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 3.8 MG/M3 (1 PPM). SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 (2 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 (5 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	AMBI	MAC	0.05 MG/M3 1X/D; 0.03 MG/M3 AV/D <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> PDKAV*,3086-84,,1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0.1 UG/L <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,,1978 <u>Entry / Update :</u> JUN1982
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.1 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990

Common Name : **Aniline**RTECS Number : **BW6650000**CAS Number : **62-53-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 4 MG/M3 (1 PPM), 15 MIN - STEL: 8 MG/M3 (2 PPM) (SKIN ABSORPTION). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS**,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1547. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 2 PPM, 7.6 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	100 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,40,1990 <u>Last Amendment :</u> XPHPAW,90,117,40,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	5000 (2270) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	IGNITABLE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992

Common Name : **Aniline**RTECS Number : **BW6650000**CAS Number : **62-53-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1,000 RQ=5,000 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT: LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Anthracene

RTECS Number : CA9350000

CAS Number : 120-12-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG 0.2 MG/M3 /COAL TAR PITCH VOLATILES, AS BENZENE SOLUBLES/ A1. A1= CONFIRMED HUMAN CARCINOGEN. /COAL TAR PITCH VOLATILES, AS BENZENE SOLUBLES/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>700 MG/M3 /COAL TAR PITCH VOLATILES/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,72,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,72,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981</p> <p><u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991</p>

Common Name : Anthracene

RTECS Number : CA9350000

CAS Number : 120-12-7

Area Type Subject Spec. Description Level / Summary Information :

USA REG AQ GRND MONIT
AQ GRND MXL

THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.

Title : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.

Reference : FEREAC,52,,25947,1987

Effective Date : 1987

Last Amendment : CFRUS*,40,264,,1990

Entry / Update : SEP1991

Common Name : **Antimony**RTECS Number : **CC4025000**CAS Number : **7440-36-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.5 MG/M3 (APPLIES TO ANTIMONY AND ITS COMPOUNDS, CALCULATED AS SB).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>UNDER REVIEW FOR POSSIBLE ADDITION TO THE GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. (TABLE 2). THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 0.25 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,,,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2871. CLASS (6.1): POISONOUS. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 100 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 200 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ANTIMONY POWDER)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>ANTIMONY AND COMPOUNDS, AS SB - TWA: 0.5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>

Common Name : **Antimony**RTECS Number : **CC4025000**CAS Number : **7440-36-0**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO ANTIMONY ELEMENTAL) <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	IT IS PROHIBITED TO SELL, ADVERTISE, OR IMPORT INTO CANADA TOYS, EQUIPMENT AND OTHER PRODUCTS FOR USE BY A CHILD IN LEARNING OR PLAY THAT HAVE APPLIED TO THEM A DECORATIVE OR PROTECTIVE COATING THAT CONTAINS ANY COMPOUND OF ANTIMONY INTRODUCED AS SUCH IF MORE THAN 0.1 PERCENT OF SUCH COMPOUND DISSOLVES IN 5 PERCENT HYDROCHLORIC ACID AFTER STIRRING FOR TEN MINUTES AT 20 DEGREES CENTIGRADE. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC. <u>Title :</u> <u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CSK	REG	FEED	-	MXL	MXL: 1.0 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.1-3.0 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS) <u>Title :</u> NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH <u>Reference :</u> SZCSR*,25,609,1987 <u>Effective Date :</u> 1JAN1988 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO ANTIMONY AND ITS COMPOUNDS EXPRESSED AS ANTIMONY) <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
CSK	REG	AIR	OCC	MAC	TWA: 0.5 MG/M3, CLV: 2.5 MG/M3 (CALCULATED AS SB) (APPLIES TO SB AND ITS COMPOUNDS) <u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT <u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985 <u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991
CSK	REG	GOODS	-	PRO	PROHIBITED IN COSMETICS (APPLIES TO ANTIMONY AND ITS COMPOUNDS) <u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE <u>Reference :</u> HPMZC*,32,,1970 <u>Effective Date :</u> 1JAN1971 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CSK	REG	FOOD	-	MPC	LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.05-0.3 MG/KG (SPECIFIED FOOD PRODUCTS); 0.2 MG/KG (SPECIFIED BEVERAGES). (APPLIES TO ANTIMONY AND ITS COMPOUNDS). <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986 <u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON (APPLIES TO ANTIMONY AND ITS COMPOUNDS EXCEPT ANTIMONY TRISULFIDE WHICH IS NOT POISON AND ANTIMONY POTASSIUM TARTRATE WHICH IS DANGEROUS POISON) <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991

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DEU	REC	AIR	OCC	MAK	8H-TWA: 0.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 5 MG/M3; AVERAGE VALUE; 1X/SHIFT. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REC	AQ	GRND	CLASS	ANTIMONY AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	AQ	DRINK	MPC	0.01 MG/L (CALCULATED AS SB) CORRESPONDING TO ABOUT 0.08 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.002 MG/L. <u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG) <u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991 <u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991
DEU	REG	AIR	EMI	MPC	IN AIR EMISSIONS THE TOTAL CONCENTRATIONS OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TIN AS WELL AS THEIR INORGANIC COMPOUNDS AND SOLUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5 MG/M3 (CALCULATED AS THE METAL OR CN OR F) AT A MASS FLOW OF >= 25 G/H. <u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	WASTE	-	RQR	WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL:1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED, THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993). <u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC). <u>Reference</u> : OJEC**L84,,43,1978 <u>Effective Date</u> : 31MCH1980 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992

Common Name : Antimony

RTECS Number : CC4025000

CAS Number : 7440-36-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); DO NOT BREATHE DUST (S 22). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 0.25%: XN - HARMFUL, HARMFUL BY INHALATION AND IF SWALLOWED (20/22). CONCENTRATION EXPRESSED AS ANTIMONY PERCENTAGE. APPLIES TO ANTIMONY COMPOUNDS WITH THE EXCEPTION OF THE TRIOXIDE (SB2O3), TETROXIDE (SB2O4), PENTOXIDE (SB2O5), TRISULFIDE (SB2S3), PENTASULPHIDE (SB2S5) AND THOSE SPECIFIED ELSEWHERE UNDER THIS REFERENCE. THE NAME OF THE SUBSTANCE MUST BE STATED ON THE LABEL.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO ANTIMONY AND ANTIMONY COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF HEAVY METALS OR THEIR COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p><u>Reference</u> : OJEC**,L188,,20,1984 <u>Effective Date</u> : 30JUN1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : **Antimony**RTECS Number : **CC4025000**CAS Number : **7440-36-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD	ADDIT	MXL	<p>NOT MORE THAN 100 MG/KG EACH OF ANTIMONY, COPPER, CHROMIUM, ZINC OR BARIUM SULPHATE, OR 200 MG/KG OF ALL TOGETHER MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 10 UG SB/L. GL : - (ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	WASTE		RQR	<p>ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THIS SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF < -21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING ANTIMONY AND ANTIMONY COMPOUNDS.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980</p> <p><u>Reference</u> : GBRSI*,1709,,1980 <u>Effective Date</u> : 16MCH1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1986</p>
GBR	REG	FOOD AQ	DRINK	RQR MRL	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL GIVE SATISFACTORY EVIDENCE TO THE RELEVANT AUTHORITY TO SHOW THAT THE WATER CONTAINS NO TOXIC SUBSTANCE SUCH AS ANTIMONY IN AN AMOUNT EXCEEDING 10UG/L. THE RESULTS SHOULD BE EXPRESSED IN SB UG/L.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,71,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.5 MG/M3 (APPLIES TO ANTIMONY TRIOXIDE AND TRISULPHIDE). UNDER REVIEW.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR AQ	INDST EMI EMI	RQR RSTR RSTR	<p>THE PRODUCTION OF ANTIMONY OR OF ANY COMPOUND CONTAINING IT, WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Antimony

RTECS Number : CC4025000

CAS Number : 7440-36-0

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF ANTIMONY OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM, CONTAINS, EXCEEDS 1% AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	GOODS SAFTY	CONSM CONSM	HLV HLV	<p>FOR THE PROTECTION OF CHILDREN'S HEALTH, BIOAVAILABILITY RESULTING FROM THE USE OF TOYS MUST NOT EXCEED 0.2UG/DAY. THIS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/378/EEC.</p> <p><u>Title :</u> THE TOY (SAFETY) REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,1275,,7,1989 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>10UG SB/L IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,2790,,,1991 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>10 UG SB/L IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,1147,,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> GBRSI*,1837,,,1991 <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO ANTIMONY POWDER). UN NO.2871.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUMDANGER/MINOR DANGER. (APPLIES TO ANTIMONY COMPOUNDS, INORGANIC, LIQUID AND SOLID). UN NOS. 3141; 1549.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>

Common Name : **Antimony**RTECS Number : **CC4025000**CAS Number : **7440-36-0**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO ANTIMONY AND ITS COMPOUNDS).</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES, 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO WATER SOLUBLE ANTIMONY COMPOUNDS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 10 KG/YEAR (CALCULATED AS SB) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN.</p> <p><u>Title :</u> THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989</p> <p><u>Reference :</u> GAZIN*,465,,1,1989 <u>Effective Date :</u> 28JUL1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.1 MG/M3, TENTATIVE VALUE. (APPLIES TO ANTIMONY AND ITS COMPOUNDS EXCEPT STIBINE, CALCULATED AS SB).</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	SOIL	-	MAC	<p>4.5 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> FEB1985</p> <p><u>Last Amendment :</u> PDKCP*,3210-85,,,1985 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.05 MG/L (APPLIES TO ANTIMONY AND ITS INORGANIC COMPOUNDS, CALCULATED AS ANTIMONY) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	FOOD	-	MPC	<p>LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 0.5 MG/KG; MEAT PRODUCTS: 0.1 MG/KG; MILK PRODUCTS: 0.05 MG/KG; CEREALS: 0.1 MG/KG; VEGETABLES, FRUITS: 0.3 MG/KG; BEVERAGES: 0.2 MG/KG (APPLIES TO ANTIMONY AND ITS COMPOUNDS, CALCULATED AS ANTIMONY)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> OCT1981</p> <p><u>Last Amendment :</u> VGNEP*,2450-81,,,1982 <u>Entry / Update :</u> OCT1985</p>

Common Name : Antimony

RTECS Number : CC4025000

CAS Number : 7440-36-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	SAFTY	OCC	MAC	<p>MAXIMUM ALLOWABLE LEVEL OF SKIN CONTAMINATION OF HAND COMING IN CONTACT WITH SUBSTANCE: 0.001 MG/CM3 (APPLIES TO METALLIC ANTIMONY)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u> MAY1988</p> <p><u>Last Amendment :</u> PDUZK*,4618-88,,,1988</p> <p><u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 0.5 MG/M3 (AEROSOL); TWA : 0.2 MG/M3 (AEROSOL) (APPLIES TO ANTIMONY DUST) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988</p> <p><u>Entry / Update :</u> MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>ID-TWA: 0.5 MG/M3 (APPLIES TO ANTIMONY AND ITS OXIDES, CALCULATED AS SB).</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990</p> <p><u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO SOLID (UN NO.1549) AND LIQUID (UN NO.3141) INORGANIC ANTIMONY COMPOUNDS.)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989</p> <p><u>Entry / Update :</u> SEP1982</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO ANTIMONY POWDER). UN NO.2871.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989</p> <p><u>Entry / Update :</u> JUN1986</p>
UN	REG	WASTE EXPRT IMPRT		RSTR RQR RQR	<p>WASTES HAVING AS CONSTITUENTS ANTIMONY AND ANTIMONY COMPOUNDS SHALL BE "HAZARDOUS WASTES" FOR THE PURPOSES OF THIS CONVENTION. THE GENERATION AND THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES SHALL BE KEPT TO A MINIMUM. EXPORTATION OF SUCH WASTES IS ALLOWED ONLY IF THE EXPORTING STATE CANNOT DISPOSE THE WASTE PROPERLY OR THE WASTE IS REQUIRED AS RAW MATERIAL FOR RECYCLING BY THE IMPORTING COUNTRY; THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES IS SUBJECT TO NOTIFICATION BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY AND TO CONSENT BY THE COMPETENT AUTHORITY OF THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES.</p> <p><u>Title :</u> Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.</p> <p><u>Reference :</u></p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u> ISBC1*,,,1989</p> <p><u>Entry / Update :</u> MAY1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989</p> <p><u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991</p> <p><u>Entry / Update :</u> DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>80 MG/M3</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,40,1990</p> <p><u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,40,1990</p> <p><u>Entry / Update :</u> OCT1991</p>

Common Name : **Antimony**RTECS Number : **CC4025000**CAS Number : **7440-36-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. (APPLIES ALSO TO ANTIMONY(TOTAL))</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. (APPLIES ALSO TO ITS COMPOUNDS).</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. (APPLIES ALSO TO ITS COMPOUNDS).</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED (APPLIES ALSO TO ITS COMPOUNDS).</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).(APPLIES ALSO TO ITS COMPOUNDS)</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. (APPLIES ALSO TO ITS COMPOUNDS)</p> <p><u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : **Antimony**RTECS Number : **CC4025000**CAS Number : **7440-36-0**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ). REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE. (APPLIES ALSO TO ITS COMPOUNDS).
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Title : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIESReference : CFRUS*,40,302,4,1990Effective Date : 1990Last Amendment : CFRUS*,40,302,4,1990Entry / Update : SEP1991

WHO	REC	AQ	DRINK	GL
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0.005 MG/L (PROVISIONAL GUIDELINE VALUE). THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING WATER.

Title : WHO GUIDELINES FOR DRINKING-WATER QUALITYReference : WHODW*,,,1983Effective Date :Last Amendment : WHODW*,,,1992Entry / Update : OCT1992

Common Name : **Antu**RTECS Number : **YT9275000**CAS Number : **86-88-4****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.3 MG/M3</p> <p>Title : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p>Reference : ARGOB*,24170,,1,1979 Effective Date : 29MAY1991</p> <p>Last Amendment : ARGOB*,27145,,1,4,1991 Entry / Update : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.3 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p>Title :</p> <p>Reference : CAGAAK,120,6,1105,1986 Effective Date : 13MCH1986</p> <p>Last Amendment : Entry / Update : MCH1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON.</p> <p>Title : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p>Reference : SZCSR*,42,1217,1988 Effective Date : MAY1990</p> <p>Last Amendment : SZCSR*,33,762,1990 Entry / Update : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.3 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 1.5 MG/M3; AVERAGE VALUE; 2X/SHIFT.</p> <p>Title : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p>Reference : MPGDFD,XXVII,,17,1991 Effective Date :</p> <p>Last Amendment : Entry / Update : JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p>Title : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p>Reference : BGZBAD,,1,1891,1991 Effective Date : 01SEP1991</p> <p>Last Amendment : Entry / Update : NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p>Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p>Reference : BGZBAD,,1,1931,1991 Effective Date : 15JUN1991</p> <p>Last Amendment : Entry / Update : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). CARC.CAT.3; POSSIBLE RISK OF IRREVERSIBLE EFFECTS (R 40). LABEL: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28); POSSIBLE RISK OF IRREVERSIBLE EFFECTS (R 40); AVOID CONTACT WITH EYES (S 25); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). (APPLIES ALSO TO ALUMINIUM SALTS).</p> <p>Title : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p>Reference : OJEC**,196,,1,1967 Effective Date : 1JUL1992</p> <p>Last Amendment : OJEC**,L 180,,79,1991 Entry / Update : APR1992</p>

Common Name : Antu

RTECS Number : YT9275000

CAS Number : 86-88-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN ANTU ARECLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THEREQUIREMENTS LAID DOWN.

Title : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).

Reference : OJEC**,L206,,13,1978

Effective Date :

Last Amendment : OJEC**,L144,,1,1984

Entry / Update : APR1986

GBR	REC	USE	AGRIC PESTI	PRO	WITHDRAWAL OF RODENTICIDAL USES. REASONS FOR THE CONTROL ACTION: BECAUSE OF EVIDENCE THATANTU AND ITS IMPURITIES (1-NAPHTHYLAMINE AND 2-NAPHTHYLAMINE) WERE POTENTIAL CARCINOGENS
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Title : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.

Reference : GBCPR*,1462,,,1980

Effective Date : 1966

Last Amendment :

Entry / Update : NOV1985

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: I =VERY DANGEROUS SUBSTANCE WHEN 100->40%A.I.II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 40->4% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 4->1% A.I. (SOLID) OR 4-0.8% A.I. (LIQUID) UN NOS. 3021; 2903; 2902; 2588.
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Title :

Reference :

Effective Date :

Last Amendment : IMCOC* ,,6222,1990

Entry / Update : JAN1991

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1651.
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Title :

Reference :

Effective Date :

Last Amendment : IMCOC* ,,10004,1990

Entry / Update : JAN1991

IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.
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Title : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989

Reference : GAZIN*,787,,,1989

Effective Date : 27NOV1989

Last Amendment :

Entry / Update : SEP1992

MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.3 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.9 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.
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Title : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).

Reference : DOMEX* ,,,,1984

Effective Date : 28MAY1984

Last Amendment : DOMEX* ,,,,1989

Entry / Update : DEC1991

Common Name : Antu

RTECS Number : YT9275000

CAS Number : 86-88-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1651. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: I =VERY DANGEROUS SUBSTANCE WHEN 100->40%A.I.II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 40->4% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 4->1% A.I. (SOLID) OR 4-0.8% A.I. (LIQUID) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> APR1986
USA	REC	SAFTY USE	OCC OCC	MXL MXL	100 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,40,1990 <u>Last Amendment :</u> XPHPAW,90,117,40,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.3 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500/10,000 RQ=100 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, T HE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : Antu

RTECS Number : YT9275000

CAS Number : 86-88-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990	<u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
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Common Name : **Aramite**RTECS Number : **WT2975000**CAS Number : **140-57-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	GOODS	-	MXL	TOBACCO 0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,80,,,1971 <u>Effective Date :</u> 20DEC1971 <u>Entry / Update :</u> 1982
ARG	REG	USE	-	PRO	PROHIBITED FOR USE IN CROPS <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,80,,,1971 <u>Effective Date :</u> 20DEC1971 <u>Entry / Update :</u> 1982
ARG	REG	FOOD FEED	-	MXL	0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
DEU	REG	USE IMPRT	PESTI	PRO PRO	PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED. <u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1196,1988 <u>Last Amendment :</u> BGZBAD,,I,796,1991 <u>Effective Date :</u> 29MCH1991 <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	ALL PLANT PRODUCTS: 0.01 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Effective Date :</u> 22MCH1990 <u>Entry / Update :</u> DEC1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL) : 0 MG/KG <u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference :</u> OJEC**,L340,,34,1976 <u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Effective Date :</u> 1978 <u>Entry / Update :</u> DEC1982
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> SEP1991

Common Name : Aroclor 5460

RTECS Number : TQ1390000

CAS Number : 11126-42-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	USE SALE	-	RSTR PRO	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1986 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OF THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBS AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0,005 % BY WEIGHT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE REMOV	RQR	MEMBER STATES SHALL 1) PROHIBIT THE UNCONTROLLED DISCHARGE, DUMPING AND TIPPING OF POLYCHLORINATED BIPHENYLS (PCB) AND POLYCHLORINATED TERPHENYLS (PCT) AS WELL AS MIXTURES, OBJECTS AND EQUIPMENT CONTAINING ONE OR BOTH OF THE SUBSTANCES; 2) MAKE COMPULSORY THE DISPOSAL OF SUCH WASTE; 3) ENSURE THAT IT IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 4) PROMOTE THE REGENERATION OF PCB AND PCT; AND 5) SET UP OR DESIGNATE INSTALLATIONS WHICH ARE AUTHORIZED FOR DISPOSING OF SUCH WASTE.	<p><u>Title</u> : COUNCIL DIRECTIVE OF 6 APRIL 1976 ON THE DISPOSAL OF POLYCHLORINATED BIPHENYLS AND POLYCHLORINATED TERPHENYLS. (76/403/EEC).</p> <p><u>Reference</u> : OJEC**,L108,,41,1976 <u>Effective Date</u> : 26APR1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1986</p>
EEC	REG	WASTE EXPR IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED TERPHENYLS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.2 MG/M3. (APPLIES TO SOLUBLE ARSENIC COMPOUNDS, CALCULATED AS AS). POTENTIAL CARCINOGEN.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,i,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,i,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.05 MG/L. UNDER REVIEW. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 0.1 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,,,,,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REG	AIR	OCC	TLV	<p>ARSENIC AND SOLUBLE COMPOUNDS, AS AS - TWA: 0.2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO ARSENIC ELEMENTAL)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE I - TOLERANCE FOR BEVERAGES : 0.1-0.2 PPM TOLERANCE FOR SPECIFIED ANIMAL PRODUCTS: 1-3.5 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 25NOV1976</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1558. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 118. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE, OR IMPORT INTO CANADA TOYS, EQUIPMENT AND OTHER PRODUCTS FOR USE BY A CHILD IN LEARNING OR PLAY THAT HAVE APPLIED TO THEM A DECORATIVE OR PROTECTIVE COATING THAT CONTAINS ANY COMPOUND OF ARSENIC INTRODUCED AS SUCH IF MORE THAN 0.1 PERCENT OF SUCH COMPOUNDS DISSOLVES IN FIVE PERCENT HYDROCHLORIC ACID AFTER STIRRING FOR TEN MINUTES AT 20 DEGREES CENTIGRADE. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	AQ	EMI WASTE	MXL	<p>SCHEDULE I - PART I - AUTHORIZED LEVELS OF SUBSTANCE - MAXIMUM AUTHORIZED MONTHLY ARITHMETIC MEAN CONCENTRATION: 0.5 MG/L; MAXIMUM AUTHORIZED CONCENTRATION IN A COMPOSITE SAMPLE: 0.75 MG/L; MAXIMUM AUTHORIZED CONCENTRATION IN A GRAB SAMPLE: 1.0 MG/L. SCHEDULE I - PART II - AUTHORIZED LEVELS OF PH - MINIMUM AUTHORIZED MONTHLY ARITHMETIC MEAN PH: 6.0; MINIMUM AUTHORIZED PH IN A COMPOSITE SAMPLE: 5.5; MINIMUM AUTHORIZED PH IN A GRAB SAMPLE: 5.0. THESE LIMITS ARE PRESCRIBED BY THE METAL MINING LIQUID EFFLUENT REGULATIONS WHICH FALL UNDER THE FISHERIES ACT, ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND OCEANS. THEY AUTHORIZE THE DEPOSIT OF DELETERIOUS SUBSTANCES IN LIQUID EFFLUENTS ENTERING WATER FREQUENTED BY FISH FROM A MINE, IN SPECIFIED LEVELS. THEY ALSO INDICATE THE FREQUENCY OF SAMPLING AND ANALYSIS FOR THESE SUBSTANCES, DEPENDING ON THEIR CONCENTRATION.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CRCAEL,7,819,5145,1978 <u>Effective Date :</u> 25FEB1977</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT) (APPLIES TO ARSENIC AND ITS COMPOUNDS EXPRESSED AS ARSENIC)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AQ	DRINK	MAC	<p>0.05 MG/L (APPLIES ALSO TO COMPOUNDS)</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	MANUF	OCC	CLASS RQR RSTR	<p>PRODUCTION OF AS AND ITS COMPOUNDS IS CLASSIFIED AS PROCESS WITH OCCUPATIONAL CARCINOGENIC RISK. REQUIREMENTS AND RESTRICTIONS ON THE PROCESS ARE GIVEN.</p> <p><u>Title</u> : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference</u> : VMZSR*,3,,1985 <u>Effective Date</u> : 1APR1985</p> <p><u>Last Amendment</u> : VMZSR*,10,98,1990 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON (APPLIES TO ARSENIC AND ITS COMPOUNDS)</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.05-5.0 MG/KG (SPECIFIED FOOD PRODUCTS); 0.05-0.2 MG/KG (SPECIFIED BEVERAGES). (APPLIES TO ARSENIC AND ITS COMPOUNDS).</p> <p><u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference</u> : HPMZC*,43,,1978 <u>Effective Date</u> : 1JUL1986</p> <p><u>Last Amendment</u> : HPMZC*,61,,1986 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.01 MG/L II CLASS: BELOW 0.02 MG/L III CLASS: BELOW 0.05 MG/L IV CLASS: BELOW 0.1 MG/L V CLASS: ABOVE 0.1 MG/L</p> <p><u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY</p> <p><u>Reference</u> : CSNOR*,757221,,1989 <u>Effective Date</u> : 01JUL1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AQ	SURF DRINK	MAC	<p>0.05 MG/L (APPLIES TO ARSENIC AND ITS COMPOUNDS IN DRINKING WATER RESERVE)</p> <p><u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.2 MG/M3; CLV: 0.6 MG/M3 (CALCULATED AS ARSENIC) (APPLIES TO ARSENIC AND ITS COMPOUNDS)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	FEED	-	MXL	<p>MXL: 2.0 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.2-10.0 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS)</p> <p><u>Title</u> : NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference</u> : SZCSR*,25,609,1987 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	EMI	MXL	<p>EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 2 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 2 MG/M3 (ALL LIMITS APPLY TO SUM OF ARSENIC, NICKEL, CHROMIUM AND COBALT AT COMBUSTION GAS AT NORMAL CONDITIONS: PRESSURE - 101.32 KPA, TEMPERATURE - 0 C)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	SLUDG USE	AGRIC	MAC	<p>MAC IN INDUSTRIAL COMPOSTS: 50 MG/KG (APPLIES TO COMPOST COMPONENTS); 10 MG/KG (APPLIES TO 1.CLASS COMPOST); 20 MG/KG (APPLIES TO 2.CLASS COMPOST - NOT ALLOWED TO USE FOR GROWING OF PRODUCTS FOR DIRECT CONSUMPTION)</p> <p><u>Title</u> : INDUSTRIAL COMPOST</p> <p><u>Reference</u> : CSNOR*,465735,,,1991 <u>Effective Date</u> : 1JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AQ	SURF	MAC	<p>0.5 MG/L (APPLIES ALSO TO COMPOUNDS)</p> <p><u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ	GRND	CLASS	<p>ARSENIC AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.1 MG/M3, CALCULATED AS AS IN TOTAL DUST. APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENOUS ACIDS, ARSENIC ACID AND THEIR SALTS (ARSENITES, ARSENATES). IT IS RECOMMENDED THAT THIS TRK VALUE IS ALSO USED AS A BASIS FOR PROTECTIVE MEASURES FOR ARSENIC AND ALL ITS COMPOUNDS WHICH ARE NOT MENTIONED HERE (WITH THE EXECEPTION OF ARSINE). (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRliche STOFFE")</p> <p><u>Reference</u> : BNDSD6,,2,120,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : BNDSD6,,11,52,1991 <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENOUS ACID, ARSENEOUS ACID, ARSENIC ACID AND THEIR SALTS (E.G. LEAD ARSENATE, CALCIUM ARSENATE).</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SALE USE	-	RSTR RSTR	<p>ARSENIC COMPOUNDS OR PREPARTIONS CONTAINING ARSENIC COMPOUNDS MAY NOT BE MARKETED OR USED FOR THE FOLLOWING PURPOSES: 1) AS ANTIFOULING DYES; 2) FOR THE PROTECTION OF WOOD (EXCEPT INDUSTRIAL IMPREGNATION IN THE VACUUM OR UNDER PRESSURE WITH INORGANIC SALTS OF THE TYPE COPPER-CHROMIUM-ARSENIC); 3) FOR WATER PROCESSING IN THE INDUSTRIAL, BUSINESS AND MUNICIPAL SECTOR INDEPENDANT OF ITS USE. HAZARDOUS SUBSTANCES CONTAINING ARSENIC PENTOXIDE, ARSENOUS ACID, ARSENEOUS ACID, ARSENIC ACID AND THEIR SALTS (ARSENITES, ARSENATES) AT A MASS CONTENT OF > 0.3 %, CALCULATED AS ARSENIC, MAY NOT BE USED: 1) FOR CLEANING IN CONTAINERS USABLE BY VEHICLES AND OTHER NARROW ROOMS; 2) IN DYES AND PAINTING MATERIALS; 3) IN PESTICIDES; 4) IN THE PRODUCTION OF FLAT GLASS (E.G. FOR WINDOWS) AND GLASS FOR FOOD PACKAGING; 5) IN THE PRODUCTION OF LEATHER, PROCESSING OF FURS, FINISHING OF TEXTILES AND IN THE PREPARATION OF ANIMALS; 6) IN THE PRODUCTION OF ENAMEL; 7) IN CORROSIVES AND CLEANING AGENTS EXCEPT PHOSPHORIC ACID CORROSIVES; 8) IN THE CHEMICAL (REDUCTIVE) SEPARATION OF METALS FOR SURFACE TREATMENT; 9) IN THE PRODUCTION OF PYROTECHNICAL OBJECTS; 10) IN ADHESIVES FOR METALS.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

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DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE TOTAL CONCENTRATION OF DUSTS OF ARSENIC, COBALT, NICKEL, SELENIUM AND TELLURIUM AS WELL AS THEIR INORGANIC COMPOUNDS (I.E. THE CLASS II INORGANIC DUSTS) MUST NOT EXCEED 1 MG/M3 (CALCULATED AS THE METAL) AT A MASS FLOW OF >= 5 G/H.</p> <p><u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING ARSENIC COMPOUNDS MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING ARSENIC COMPOUNDS IS PROHIBITED.</p> <p><u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1196,1988 <u>Effective Date :</u> 29MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,I,796,1991 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>0.01 MG/L (CALCULATED AS AS) CORRESPONDING TO ABOUT 0.1 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.005 MG/L. UNTIL 01 JANUARY 1996 THE MAXIMUM PERMISSIBLE CONCENTRATION OF 0.04 MG/L (CALCULATED AS AS) CORRESPONDING TO ABOUT 0.5 MMOLE/M3 WITH A PERMISSIBLE TOLERANCE OF THE MEASURED VALUE OF +- 0.015 MG/L IS VALID.</p> <p><u>Title :</u> ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,2612,1990 <u>Effective Date :</u> 01JAN1996</p> <p><u>Last Amendment :</u> BGZBAD,,I,227,1991 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>ARSENIC TRIOXIDE AND ARSENIC PENTOXIDE, ARSENOUS ACID AND ITS SALTS, ARSENEOUS ACID AND ITS SALTS, ARSENIC ACID AND ITS SALTS, IN RESPIRABLE FORM (CALCULATED AS ARSENIC) BELONG TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF >= 5 G/H.</p> <p><u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH ARSENIC(III) COMPOUNDS OR ARSENIC(V) COMPOUNDS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH ARSENIC(III) COMPOUNDS OR ARSENIC(V) COMPOUNDS CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF ARSENIC(III) COMPOUNDS OR ARSENIC(V) COMPOUNDS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,i,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	WASTE	-	RQR	WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO ARSENIC AND ARSENIC COMPOUNDS). <u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC). <u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING,MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS,CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF HEAVY METALS OR THEIR COMPOUNDS. <u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC). <u>Reference</u> : OJEC**,L188,,20,1984 <u>Effective Date</u> : 30JUN1987 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	FOOD	-	MXL	FLAVOURINGS MUST NOT CONTAIN MORE THAN 3 MG/KG OF THE SUBSTANCE. <u>Title</u> : COUNCIL DIRECTIVE OF 22 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO FLAVOURINGS FOR USE IN FOODSTUFFS AND TO SOURCE MATERIALS FOR THEIR PRODUCTION. (88/388/EEC) <u>Reference</u> : OJEC**,L184,,61,1988 <u>Effective Date</u> : 22JUN1990 <u>Last Amendment</u> : OJEC**,L42,,25,1991 <u>Entry / Update</u> : 1991
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). LABEL: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); KEEP LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2); WHEN USING DO NOT EAT, DRINK OR SMOKE (S 20/21); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO ARSENIC COMPOUNDS, WITH THE EXCEPTION OF THOSE SPECIFIED ELSEWHERE IN THE REFERENCE. THE CHEMICAL NAME MUST BE STATED ON THE LABEL. CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 0.2%: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). FROM 0.1% TO 0.2%: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). (EXPRESSED AS PERCENTAGE OF ARSENIC). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	EMISSION LIMIT VALUES IN MG/NM3 AS A FUNCTION OF THE NOMINAL CAPACITY OF THE INCINERATION PLANT: - (LESS THAN 1 TONNE/H); 1 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 1 (3 TONNES/H OR MORE). THESE EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE; 101,3 KPA, 11% OXYGEN OR 9% CO2, DRY GAS SHALL APPLY TO NEW MUNICIPAL WASTE INCINERATION PLANTS. (APPLIES TO THE SUM OF NICKEL AND ARSENIC). <u>Title</u> : COUNCIL DIRECTIVE OF 8 JUNE 1989 ON THE PREVENTION OF AIR POLLUTION FROM NEW MUNICIPAL WASTE INCINERATION PLANTS. (89/369/EEC). <u>Reference</u> : OJEC**,L163,,32,1989 <u>Effective Date</u> : 01DEC1990 <u>Last Amendment</u> : <u>Entry / Update</u> : 1991

Common Name : Arsenic

RETECS Number : CG0525000

CAS Number : 7440-38-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	FOOD	METHD	RQR	<p>THE ANALYTICAL REFERENCE PROCEDURES TO BE APPLIED FOR CONFIRMATION OF THE PRESENCE OF RESIDUES OF THE SUBSTANCE IN ANIMALS AND FRESH MEAT ARE: -ATOMIC ABSORPTION SPECTROMETRY (AAS) (GRAPHITE FURNACE OR HYDRIDE GENERATION TECHNIQUE); -COLORIMETRY (AFTER COMPLEXATION). THE ANALYTICAL PROCEDURE OF CHOICE MUST BE BASED PREFERABLY ON ATOMIC ABSORPTION SPECTROMETRY (AAS). DEFINITIONS AND GENERAL CRITERIA APPLICABLE TO THESE PROCEDURES ARE GIVEN.</p> <p><u>Title</u> : COMMISSION DECISION OF 26 SEPTEMBER 1990 LAYING DOWN THE REFERENCE METHODS FOR DETECTING RESIDUES OF HEAVY METALS AND ARSENIC. (90/515/EEC).</p> <p><u>Reference</u> : OJEC**,L286,,33,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO ARSENIC COMPOUNDS MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE;2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS; 3) ACCESS FOR WORKERS TO APPROPRIATE INFORMATION ON THE DANGERS PRESENTED BY THIS AGENT. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS(CHEMICAL, PHYSICAL, OR BIOLOGICAL LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE. A REFERENCE METHOD FOR THE MEASURING PROCEDURES IS GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 NOVEMBER 1980 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK. (80/1107/EEC).</p> <p><u>Reference</u> : OJEC**,L327,,8,1980 <u>Effective Date</u> : 21DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L356,,74,1988 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). LABEL: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); KEEP LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2); WHEN USING DO NOT EAT, DRINK OR SMOKE (S 20/21); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR RQR	<p>MAC : 50 UG AS/L, GL : - (ABSORPTION SPECTROPHOTOMETRY-ATOMIC ABSORPTION) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY.(APPLIES TO THE ELEMENT AND ITS COMPOUNDS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	<p>EMISSION LIMIT VALUES IN MG/NM3 AS A FUNCTION OF THE NOMINAL CAPACITY OF THE INCINERATION PLANT: - (LESS THAN 1 TONNE/H); 1 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 1 (3 TONNES/H OR MORE). THESE EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE: 101.3 KPA, 11% OXYGEN OR 9% CO2, DRY GAS SHALL APPLY TO ALL EXISTING MUNICIPAL WASTE INCINERATION PLANTS AS OF 01DEC2000 AND FOR PLANTS WITH A NOMINAL CAPACITY OF 6TONNES/H OR MORE AS OF 01DEC1996. MONITORING REQUIREMENTS ARE DEFINED. (APPLIES TO THE SUM OF NICKEL AND ARSENIC).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON THE REDUCTION OF AIR POLLUTION FROM EXISTING MUNICIPAL WASTE INCINERATION PLANTS. (89/429/EEC).</p> <p><u>Reference</u> : OJEC**,L203,,50,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	ADDIT	MXL	<p>NOT MORE THAN 5 MG/KG OF ARSENIC MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p>Title : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p>Reference : OJEC**,115,,2645/62,1962 Effective Date :</p> <p>Last Amendment : OJEC**,L43,,11,1981 Entry / Update : FEB1986</p>
EEC	REG	AQ	MARIN	RQR	<p>QUALITY STANDARDS FOR SHELLFISH WATERS: THE CONC. OF THE METALS: SILVER, ARSENIC, CADMIUM, CHROMIUM, COPPER, MERCURY, NICKEL, LEAD AND ZINC (TAKING SYNERGISTIC EFFECTS INTO CONSIDERATION) MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD THEY AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD: AAS). MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p>Title : COUNCIL DIRECTIVE OF 30 OCTOBER 1979 ON THE QUALITY REQUIRED OF SHELLFISH WATERS. (79/923/EEC).</p> <p>Reference : OJEC**,L281,,47,1979 Effective Date : 10NOV1981</p> <p>Last Amendment : Entry / Update : APR1986</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR ARSENIC IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS AAS AND MAS. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p>Title : COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p>Reference : OJEC**,L271,,44,1979 Effective Date : 09OCT1981</p> <p>Last Amendment : Entry / Update : OCT1987</p>
EEC	REG	USE USE	- INDST	PRO RSTR	<p>ARSENIC COMPOUNDS MAY NOT BE USED AS SUBSTANCES AND CONSTITUENTS OF PREPARATIONS INTENDED FOR USE TO PREVENT THE FOULING BY MICROORGANISMS, PLANTS OR ANIMALS OF THE HULLS OF BOATS, CAGES, FLOATS, NETS AND ANY OTHER APPLIANCES OR EQUIPMENT USED FOR FISH OR SHELLFISH FARMING; ANY TOTALLY OR PARTLY SUBMERGED APPLIANCES OR EQUIPMENT; IN THE PRESERVATION OF WOOD; IN THIS CASE, THE BAN DOES NOT APPLY TO SOLUTIONS OF INORGANIC SALTS OF COPPER-CHROMIUM-ARSENIC TYPE EMPLOYED IN INDUSTRIAL INSTALLATIONS USING VACUUM OR PRESSURE TO IMPREGNATE WOOD. MEMBER STATES MAY AUTHORIZE ON THEIR TERRITORY THE USE OF PREPARATIONS OF THE DINITROPHENOL-FLUORIDE-ARSENIC TYPE FOR THE RETREATMENT IN SITU OF WOODEN POLES ALREADY IN PLACE AND SUPPORTING OVERHEAD CABLES. SUCH PREPARATIONS MUST BE EMPLOYED BY PROFESSIONALS USING VACUUM OR PRESSURE. ARSENIC COMPOUNDS MAY NOT BE USED AS SUBSTANCES AND CONSTITUENTS OF PREPARATIONS INTENDED FOR USE IN THE TREATMENT OF INDUSTRIAL WATERS IRRESPECTIVE OF THEIR USE.</p> <p>Title : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p>Reference : OJEC**,L262,,201,1976 Effective Date : 31DEC1992</p> <p>Last Amendment : OJEC**,L363,,36,1991 Entry / Update : 1992</p>
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR ARSENIC IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.05 MG AS/L FOR SIMPLE AND NORMAL WATER TREATMENT METHODS AND 0.1 MG AS/L FOR INTENSIVE METHODS. GUIDELINE VALUES: 0.01 MG/L FOR SIMPLE METHODS AND 0.05 MG/L FOR INTENSIVE METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p>Title : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)</p> <p>Reference : OJEC**,L194,,26,1975 Effective Date : 25JUL1977</p> <p>Last Amendment : Entry / Update : APR1986</p>
EEC	REG	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF IONIC AND ELEMENTAL ARSENIC IN STRAIGHT FEEDINGSTUFFS: 2 MG/KG, IN COMPLETE FEEDINGSTUFFS: 2 MG/KG, IN COMPLEMENTARY FEEDINGSTUFFS: 4 MG/KG, IN MINERAL FEEDINGSTUFFS: 12 MG/KG AND IN CERTAIN SPECIFIED FEEDINGSTUFFS: 4-10 MG/KG.</p> <p>Title : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC).</p> <p>Reference : OJEC**,L38,,31,1974 Effective Date : 1DEC1987</p> <p>Last Amendment : OJEC**,L60,,16,1991 Entry / Update : SEP1987</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

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EEC	REG	FOOD	ADDIT	MXL	<p>ANTIOXIDANTS WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 3 MG/KG OF ARSENIC.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 13 JULY 1970 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE ANTIOXIDANTS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION (70/357/EEC).</p> <p><u>Reference</u> : OJEC**,L157,,31,1970 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L24,,41,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD	ADDIT	MXL	<p>PRESERVATIVES WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION SHALL NOT CONTAIN MORE THAN 3 MG/KG OF ARSENIC.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (65/54/EEC).</p> <p><u>Reference</u> : OJEC**,12,,161/64,1964 <u>Effective Date</u> : 14MAY1977</p> <p><u>Last Amendment</u> : OJEC**,L352,,45,1986 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION:A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE	-	RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC).</p> <p><u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
F/W	REC	FOOD	-	ADI	<p>PROVISIONAL TOLERABLE WEEKLY INTAKE: 0.015 MG/KG BW</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : WHFAAC,24,,357,1989 <u>Entry / Update</u> : APR1991</p>
GBR	REG	GOODS SAFTY	CONSM CONSM	HLV HLV	<p>FOR THE PROTECTION OF CHILDREN'S HEALTH, BIOAVAILABILITY RESULTING FROM THE USE OF TOYS MUST NOT EXCEED 0.1 UG/DAY. THIS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/378/EEC.</p> <p><u>Title</u> : THE TOY (SAFETY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1275,,7,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF ARSENIC OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM, CONTAINS, EXCEEDS 1% AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	FOOD	ADDIT	MAC	GENERAL PURITY CRITERIA FOR PERMITTED PRESERVATIVES, EXCEPT WHERE OTHERWISE PROVIDED BY SPECIFIC PURITY CRITERIA: A PRESERVATIVE SHALL NOT CONTAIN MORE THAN 3 MG/KG OF ARSENIC. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 64/65/EEC (LAST AMENDED BY 85/585/EEC). <u>Title :</u> THE PRESERVATIVES IN FOOD REGULATIONS 1989 <u>Reference :</u> GBRSI*,533,,9,1989 <u>Effective Date :</u> 27APR1989 <u>Last Amendment :</u> GBRSI*,2287,,1,1989 <u>Entry / Update :</u> 1992
GBR	REG	AIR	OCC	MEL	8H-TWA: 0.1 MG/M3 (APPLIES TO ARSENIC AND ITS COMPOUNDS, EXCEPT ARSINE, CALCULATED AS AS). <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
GBR	REG	WASTE		RQR	ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THIS SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF < =21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING ARSENIC COMPOUNDS <u>Title :</u> THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980 <u>Reference :</u> GBRSI*,1709,,1,1980 <u>Effective Date :</u> 16MCH1981 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1986
GBR	REG	SALE STORE		RSTR RQR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO ARSENIC AND ITS COMPOUNDS EXCEPT SUBSTANCES WHICH CONTAIN LESS THAN THE EQUIVALENT OF 0.0075% OF ARSENIC) (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1986 <u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986
GBR	REG	MANUF AIR AQ	INDST EMI EMI	RQR RSTR RSTR	THE PRODUCTION OF ARSENIC OR OF ANY COMPOUND CONTAINING IT, WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBRSI*,472,,1,1991 <u>Effective Date :</u> 01APR1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	CLASS SALE		CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE IT IS A NON-MEDICAL POISON, IS NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS. (APPLIES TO ARSENIC AND ITS COMPOUNDS EXCEPT CALCIUM ARSENITES, COPPER ACETOARSENITE, COPPER ARSENATES, COPPER ARSENITES, AND LEAD ARSENATES) (COMMISSION DIRECTIVE 73/173/EEC - OJEC L189,7,1973 AS LAST AMENDED BY THE REFERENCE GIVEN). <u>Title :</u> THE POISONS LIST ORDER 1982 <u>Reference :</u> GBRSI*,217,,1,1982 <u>Effective Date :</u> 1APR1982 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
GBR	REG	FEED SALE USE		MRL RSTR RSTR	THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 2-12 MG/KG REFERRED TO A MOISTURE CONTENT OF 12% IS PROHIBITED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 74/63/EEC, LAST AMENDED BY 91/132/EEC. <u>Title :</u> THE FEEDING STUFFS REGULATIONS 1991 <u>Reference :</u> GBRSI*,2840,,1,1991 <u>Effective Date :</u> 22JAN1992 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	FOOD AQ	DRINK	RQR MRL	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL GIVE SATISFACTORY EVIDENCE TO THE RELEVANT AUTHORITY TO SHOW THAT THE WATER CONTAINS NO TOXIC SUBSTANCE SUCH AS ARSENIC IN AN AMOUNT EXCEEDING 50UG/L. THE RESULTS SHOULD BE EXPRESSED IN AS UG/L.</p> <p><u>Title :</u> THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference :</u> GBR SI*,71,,,1985 <u>Effective Date :</u> 21FEB1985</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1986</p>
GBR	REG	AQ AQ	SURF DRINK	CLASS RQR	<p>IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW1 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05 MG/L AS, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05 MG/L AS, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.1 MG/L AS, PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC.</p> <p><u>Title :</u> THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference :</u> GBR SI*,1148,,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>50UG AS/L IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference :</u> GBR SI*,2790,,,1991 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>50 UG AS/L IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference :</u> GBR SI*,1147,,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> GBR SI*,1837,,,1991 <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I/II = GREAT DANGER/MEDIUM DANGER. SUBSIDIARY RISK LABEL: POISON/HARMFUL. (APPLIES TO ARSENICAL PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASHPOINT < 23C). UN NO. 2760</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO ARSENIC AND ARSENICAL DUST) UN NO.1558 & 1562.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER.. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. (APPLIES TO ARSENICAL PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASHPOINT BETWEEN 23 C AND 61C). UN NO. 2993.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO ARSENICAL PESTICIDES, LIQUID, TOXIC). UN NO. 2994 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP ACCORDING TO TOXICITY AND FLAMMABILITY CRITERIA. (APPLIES TO ARSENIC COMPOUNDS USED AS PESTICIDES). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER). (APPLIES TO ARSENIC COMPOUNDS, LIQUID AND SOLID AND TO ARSENIC COMPOUNDS, ORGANIC, LIQUID AND SOLID). UN NOS. 1556; 1557 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO ARSENICAL PESTICIDES, SOLID TOXIC). UN NO. 2759 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE. THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 5 KG/YEAR (CALCULATED AS AS) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN. <u>Title :</u> THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989 <u>Reference :</u> GAZIN*,465,,1,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 28JUL1989 <u>Entry / Update :</u> JUN1992
JPN	REG	AQ	AMBI	MXL	STANDARD VALUE (MAXIMUM VALUE): 0.05 MG/L OR LESS <u>Title :</u> ENVIRONMENTAL QUALITY STANDARD FOR WATER <u>Reference :</u> QEJPN*,,,337,1989 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
JPN	REG	AQ	EMI	MXL	MAXIMUM LIMIT: 0.5 MG/L OF ARSENIC AND ITS COMPOUNDS <u>Title :</u> NATIONAL EFFLUENT STANDARDS <u>Reference :</u> QEJPN*,,,352-253,1989 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 1.0-3.5 MG/KG (EXPRESSED AS AS2O3) <u>Title :</u> FOOD SANITATION LAW OF JAPAN <u>Reference :</u> JPNFS*,,, <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> JAN1992
JPN	REG	AQ	DRINK	MXL	THE CONCENTRATION OF ARSENIC IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 0.05 MG/L <u>Title :</u> THE WATER WORKS LAW <u>Reference :</u> JPNWW*,,,1957 <u>Last Amendment :</u> JPNWW*,,,1979 <u>Effective Date :</u> 16JUL1958 <u>Entry / Update :</u> DEC1991

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	-	MXL	SPECIFIED FOOD PRODUCTS: 0.1-5.0 MG/KG. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,409,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
KEN	REG	FOOD SALE	-	MXL PRO	IN FOOD COLOURS: 3 MG AS/KG. IF THE LIMIT IS EXCEEDED AND/OR IF ANY HEAVY METAL IS PRESENT OTHER THAN ARSENIC, LEAD, IRON AND COPPER, THE FOOD COLOUR IS DEEMED TO BE ADULTERATED. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,272,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
MEX	REG	AQ	AMBI	MPC	0.01 MG/L OF ARSENICALS IN ESTUARIES <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AQ	AMBI	MPC	1) 0.05 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION 2) 1.00 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES 3) 5.00 MG/L IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AQ	AMBI	MPC	0.1 MG/L IN COASTAL WATERS <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AQ	AMBI	MPC	1.00 MG/L IN ESTUARIES <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.2 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,,1989 <u>Entry / Update</u> : DEC1991
MEX	REG	AQ	AMBI	MPC	0.010 MG/L OF ARSENICALS IN COASTAL WATERS <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
RUS	REG	AQ	SURF	MAC CLASS	0.05 MG/L (APPLIES TO ARSENIC AND ITS INORGANIC COMPOUNDS, CALCULATED AS ARSENIC) HAZARD CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.04 MG/M3; TWA: 0.01 MG/M3 (APPLIES TO INORGANIC COMPOUNDS OF ARSENIC; CALCULATED AS ARSENIC). HAZARD CLASS: II (APPLIES TO COMPOUNDS WITH ARSENIC CONTENT LESS THAN 40%) HAZARD CLASS: I (APPLIES TO COMPOUNDS WITH ARSENIC CONTENT HIGHER THAN 40%) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FEED	-	MRL	1.0 MG/KG (NATUREL CONTENT OF AS; APPLIES TO ALL ARSENIC COMPOUNDS, CALCULATED AS ARSENIC) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Effective Date :</u> APR1981 <u>Entry / Update :</u> OCT1985
RUS	REG	SOIL	-	MAC	2.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKCP*,2264-80,,,1980 <u>Effective Date :</u> OCT1980 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 1.0-5.0 MG/KG; MEAT PRODUCTS: 0.1-1.0 MG/KG; MILK PRODUCTS: 0.05-0.2 MG/KG; VEGETABLES, FRUITS: 0.1-5.0 MG/KG; CEREALS: 0.1-1.0 MG/KG; BEVERAGES: 0.1-0.2 MG/KG; CHILDREN FOOD: 0.05-0.5 MG/KG (APPLIES TO ARSENIC AND ITS COM POUNDS; CALCULATED AS ARSENIC). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> VGNEP*,2450-81,,,1982 <u>Effective Date :</u> OCT1981 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.05 MG/; SEA WATER: 0.01 MG/L (APPLIES TO INORGANIC ARSENIC COMPOUNDS, CALCULATED AS ARSENIC) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	USE MANUF	-	PRO PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE (APPLIES TO ARSENIC COMPOUNDS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> KGTXP*,,,1981 <u>Effective Date :</u> <u>Entry / Update :</u> NOV1982
RUS	REG	AIR	AMBI	MAC	0.003 MG/M3 AV/D (CALCULATED AS ARSENIC) (APPLIES TO ARSENIC AND ITS INORGANIC COMPOUNDS). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	DRINK	MAC	0.05 MG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,2874-82,,,1982 <u>Effective Date :</u> JAN1985 <u>Entry / Update :</u> SEP1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.03 MG AS/M3 OF ARSENIC AND ITS INORGANIC COMPOUNDS EXCEPT ARSINE. CARCINOGENIC. (CERTAIN DATA INDICATE THAT SULFUR DIOXIDE MAY ENHANCE THE CARCINOGENIC PROPERTIES OF ARSENIC. WHEN CONSTRUCTING NEW PLANTS OR RENOVATING OLD ONES A 1D-TWA OF 0.1 MG AS/M3 SHOULD BE AIMED FOR). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO LIQUID AND SOLID ARSENIC COMPOUNDS, INCLUDING ARSENATES, ARSENITES, ARSENIC SULPHIDES, AND ORGANIC COMPOUNDS OF ARSENIC). UN NO.1556 & 1557. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO ARSENIC AND ARSENICAL DUST) UN NO.1558 & 1562. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID. (APPLIES TO ARSENICAL PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASH POINT NOT LESS THAN 23C). UN NO. 2993 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: ACCORDING TO TOXICITY CRITERIA(APPLIES TO ARSENIC COMPOUNDS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).(APPLIES TO ARSENICAL PESTICIDES, LIQUID, FLAMMABLE, TOXIC; FLASH POINT <23C). UN NO.2760. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1986
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO ARSENICAL PESTICIDES, SOLID, TOXIC). UN NO.2759. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1986
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO ARSENICAL PESTICIDES, LIQUID, TOXIC). UN NO. 2994 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REG	WASTE EXPR IMPRT		RSTR RQR RQR	WASTES HAVING AS CONSTITUENTS ARSENIC AND ARSENIC COMPOUNDS SHALL BE "HAZARDOUS WASTES" FOR THE PURPOSES OF THIS CONVENTION. THE GENERATION AND THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES SHALL BE KEPT TO A MINIMUM. EXPORTATION OF SUCH WASTES IS ALLOWED ONLY IF THE EXPORTING STATE CANNOT DISPOSE THE WASTE PROPERLY OR THE WASTE IS REQUIRED AS RAW MATERIAL FOR RECYCLING BY THE IMPORTING COUNTRY; THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES IS SUBJECT TO NOTIFICATION BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY AND TO CONSENT BY THE COMPETENT AUTHORITY OF THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES. <u>Title :</u> Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal. <u>Reference :</u> <u>Last Amendment :</u> ISBC1*,,,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.2 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	100 MG/M3 <i>Title :</i> POCKET GUIDE TO CHEMICAL HAZARDS <i>Reference :</i> XPHPAW,90,117,42,1990 <i>Effective Date :</i> JUN1990 <i>Last Amendment :</i> XPHPAW,90,117,42,1990 <i>Entry / Update :</i> OCT1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. (APPLIES ALSO TO COMPOUNDS) <i>Title :</i> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <i>Reference :</i> XCODE*,33,,1314,1990 <i>Effective Date :</i> 1981 <i>Last Amendment :</i> XCODE*,33,,1314,1990 <i>Entry / Update :</i> NOV1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED (APPLIES ALSO TO ITS COMPOUNDS) <i>Title :</i> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <i>Reference :</i> FEREAC,50,,46290,1985 <i>Effective Date :</i> 1985 <i>Last Amendment :</i> CFRUS*,40,61,1,1990 <i>Entry / Update :</i> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE (APPLIES ALSO TO ITS COMPOUNDS) <i>Title :</i> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <i>Reference :</i> CFRUS*,40,302,4,1990 <i>Effective Date :</i> 1990 <i>Last Amendment :</i> CFRUS*,40,302,4,1990 <i>Entry / Update :</i> SEP1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	CONCENTRATION LIMITS IN GROUND WATER FOR HAZARDOUS CONSTITUENTS, ESTABLISHED UNDER SEC 264.93, MUST NOT EXCEED THE BACKGROUND LEVEL SET AT THE INITIAL TESTING. IF THE BACKGROUND LEVEL AT THE INITIAL TESTING TIME IS BELOW 0.05 MG/L THIS SUBSTANCE MUST NOT EXCEED 0.05 MG/L IN FUTURE TESTING 40 CFR 264.94 (1990)THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED. <i>Title :</i> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <i>Reference :</i> FEREAC,52,,25947,1987 <i>Effective Date :</i> 1987 <i>Last Amendment :</i> CFRUS*,40,264,,1990 <i>Entry / Update :</i> SEP1991
USA	REG	AQ	DRINK	MPC	0.05 MG/L FOR COMMUNITY WATER SYSTEMS 40 CFR 141.11. COMPLIANCE WITH IS CALCULATED PURSUANT TO 410 CFR 141.23.MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <i>Title :</i> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <i>Reference :</i> FEREAC,40,,59570,1975 <i>Effective Date :</i> 1975 <i>Last Amendment :</i> CFRUS*,40,141,,1991 <i>Entry / Update :</i> OCT1991
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	5.0 MG/LTHIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS. <i>Title :</i> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY. <i>Reference :</i> FEREAC,55,,11862,1990 <i>Effective Date :</i> 1990 <i>Last Amendment :</i> CFRUS*,40,261,24,1990 <i>Entry / Update :</i> JAN1992

Common Name : Arsenic

RTECS Number : CG0525000

CAS Number : 7440-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	CONSM	MPC	<p>0.05 MG/LBOTTLED WATER SHALL, WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN 21 CFR 103.35(D) (1) (II), MEET STANDARDS OF CHEMICAL QUALITY AND SHALL NOT CONTAIN CHEMICAL SUBSTANCES IN EXCESS OF THE FOLLOWING CONCENTRATIONS.</p> <p><u>Title</u> : FEDERAL FOOD, DRUG AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS: BOTTLED WATER</p> <p><u>Reference</u> : FEREAC,42,,14325,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,103,35,1989 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. (APPLIES ALSO TO ITS COMPOUNDS)</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).(APPLIES ALSO TO ITS COMPOUNDS)</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>SOLID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
WHO	REC	AQ	DRINK	GL	<p>0.01 MG/L (PROVISIONAL GUIDELINE VALUE; FOR 6X1/10 000 EXCESS SKIN CANCER RISK). THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : **Arsenic Acid**RTECS Number : **CG0700000**CAS Number : **7778-39-4**Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1554. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 118. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ARSENIC ACID SOLID). <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1553. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 102, 118. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 1 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ONA CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO LIQUID ARSENIC ACID, SOLUTION) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	TRK	8H-TWA: 0.1 MG/M3, CALCULATED AS AS IN TOTAL DUST. APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENOUS ACIDS, ARSENIC ACID AND THEIR SALTS (ARSENITES, ARSENATES). IT IS RECOMMENDED THAT THIS TRK VALUE IS ALSO USED AS A BASIS FOR PROTECTIVE MEASURES FOR ARSENIC AND ALL ITS COMPOUNDS WHICH ARE NOT MENTIONED HERE (WITH THE EXECEPTION OF ARSINE). (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.) <u>Title :</u> TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRLICHE STOFFE") <u>Reference :</u> BNDS6,,2,120,1990 <u>Effective Date :</u> <u>Last Amendment :</u> BNDS6,,11,52,1991 <u>Entry / Update :</u> JAN1992

Common Name : Arsenic Acid

RTECS Number : CG0700000

CAS Number : 7778-39-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. APPLIES TO ARSENIC ACID AND ITS SALTS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>ARSENIC TRIOXIDE AND ARSENIC PENTOXIDE, ARSENOUS ACID AND ITS SALTS, ARSENOUS ACID AND ITS SALTS, ARSENIC ACID AND ITS SALTS, IN RESPIRABLE FORM (CALCULATED AS ARSENIC) BELONG TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF >= 5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SALE USE	-	RSTR RSTR	<p>ARSENIC COMPOUNDS OR PREPARATIONS CONTAINING ARSENIC COMPOUNDS MAY NOT BE MARKETED OR USED FOR THE FOLLOWING PURPOSES: 1) AS ANTIFOULING DYES; 2) FOR THE PROTECTION OF WOOD (EXCEPT INDUSTRIAL IMPREGNATION IN THE VACUUM OR UNDER PRESSURE WITH INORGANIC SALTS OF THE TYPE COPPER-CHROMIUM-ARSENIC); 3) FOR WATER PROCESSING IN THE INDUSTRIAL, BUSINESS AND MUNICIPAL SECTOR INDEPENDANT OF ITS USE. HAZARDOUS SUBSTANCES CONTAINING ARSENIC PENTOXIDE, ARSENOUS ACID, ARSENOUS ACID, ARSENIC ACID AND THEIR SALTS (ARSENITES, ARSENATES) AT A MASS CONTENT OF > 0.3 %, CALCULATED AS ARSENIC, MAY NOT BE USED: 1) FOR CLEANING IN CONTAINERS USABLE BY VEHICLES AND OTHER NARROW ROOMS; 2) IN DYES AND PAINTING MATERIALS; 3) IN PESTICIDES; 4) IN THE PRODUCTION OF FLAT GLASS (E.G. FOR WINDOWS) AND GLASS FOR FOOD PACKAGING; 5) IN THE PRODUCTION OF LEATHER, PROCESSING OF FURS, FINISHING OF TEXTILES AND IN THE PREPARATION OF ANIMALS; 6) IN THE PRODUCTION OF ENAMEL; 7) IN CORROSIVES AND CLEANING AGENTS EXCEPT PHOSPHORIC ACID CORROSIVES; 8) IN THE CHEMICAL (REDUCTIVE) SEPARATION OF METALS FOR SURFACE TREATMENT; 9) IN THE PRODUCTION OF PYROTECHNICAL OBJECTS; 10) IN ADHESIVES FOR METALS.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 500 KG AND ABOVE. (THIS APPLIES TO ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>

Common Name : Arsenic Acid

RTECS Number : CG0700000

CAS Number : 7778-39-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ AQ	EMI MARIN	RSTR RSTR	<p>CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO STRICTLY LIMIT POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DECISION OF 3 MARCH 1975 CONCLUDING THE CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES. (75/437/EEC).</p> <p><u>Reference</u> : OJEC**,L194,,5,1975 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO LIQUID ARSENIC ACID). UN NO. 1553.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SOLID ARSENIC ACID). UN NO. 1554.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 500KG. (APPLIES TO ARSENIC PENTOXIDE, ARSENIC(V)ACID AND SALTS THEREOF).</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO LIQUID ARSENIC ACID). UN NO. 1553.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SOLID ARSENIC ACID). UN NO. 1554.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>100 MG/M3 /ARSENIC & CMPD (AS AS)/</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,42,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,42,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : **Arsenic Acid**RTECS Number : **CG0700000**CAS Number : **7778-39-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /ARSENIC AND SOLUBLE COMPOUNDS, AS AS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, ARSENIC ACID, 1986.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMI CALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL E FFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>SOLID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIP MENTS MUST BE LABELED POISON. SOLUTION: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESS ELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>

Common Name : **Arsenic Pentoxide**RTECS Number : **CG2275000**CAS Number : **1303-28-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS WOOD PRESERVATIVE. (FORMULATION: PASTE; SOLUTION). CODE ARP. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1559. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109, 118. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.1 MG/M3, CALCULATED AS AS IN TOTAL DUST. APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENOUS ACIDS, ARSENIC ACID AND THEIR SALTS (ARSENITES, ARSENATES). IT IS RECOMMENDED THAT THIS TRK VALUE IS ALSO USED AS A BASIS FOR PROTECTIVE MEASURES FOR ARSENIC AND ALL ITS COMPOUNDS WHICH ARE NOT MENTIONED HERE (WITH THE EXCEPTION OF ARSINE). (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title :</u> TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRLICHE STOFFE")</p> <p><u>Reference :</u> BNDSD6,,2,120,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> BNDSD6,,11,52,1991 <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : **Arsenic Pentoxide**RTECS Number : **CG2275000**CAS Number : **1303-28-2**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	SALE USE	-	RSTR RSTR	<p>ARSENIC COMPOUNDS OR PREPARTIONS CONTAINING ARSENIC COMPOUNDS MAY NOT BE MARKETED OR USED FOR THE FOLLOWING PURPOSES: 1) AS ANTIFOULING DYES; 2) FOR THE PROTECTION OF WOOD (EXCEPT INDUSTRIAL IMPREGNATION IN THE VACUUM OR UNDER PRESSURE WITH INORGANIC SALTS OF THE TYPE COPPER-CHROMIUM-ARSENIC); 3) FOR WATER PROCESSING IN THE INDUSTRIAL, BUSINESS AND MUNICIPAL SECTOR INDEPENDANT OF ITS USE. HAZARDOUS SUBSTANCES CONTAINING ARSENIC PENTOXIDE, ARSENOUS ACID, ARSENEOUS ACID, ARSENIC ACID AND THEIR SALTS (ARSENITES, ARSENATES) AT A MASS CONTENT OF > 0.3 %, CALCULATED AS ARSENIC, MAY NOT BE USED: 1) FOR CLEANING IN CONTAINERS USABLE BY VEHICLES AND OTHER NARROW ROOMS; 2) IN DYES AND PAINTING MATERIALS; 3) IN PESTICIDES; 4) IN THE PRODUCTION OF FLAT GLASS (E.G. FOR WINDOWS) AND GLASS FOR FOOD PACKAGING; 5) IN THE PRODUCTION OF LEATHER, PROCESSING OF FURS, FINISHING OF TEXTILES AND IN THE PREPARATION OF ANIMALS; 6) IN THE PRODUCTION OF ENAMEL; 7) IN CORROSIVES AND CLEANING AGENTS EXCEPT PHOSPHORIC ACID CORROSIVES; 8) IN THE CHEMICAL (REDUCTIVE) SEPARATION OF METALS FOR SURFACE TREATMENT; 9) IN THE PRODUCTION OF PYROTECHNICAL OBJECTS; 10) IN ADHESIVES FOR METALS.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
DEU	REG	AIR	EMI	MPC	<p>ARSENIC TRIOXIDE AND ARSENIC PENTOXIDE, ARSENOUS ACID AND ITS SALTS, ARSENEOUS ACID AND ITS SALTS, ARSENIC ACID AND ITS SALTS, IN RESPIRABLE FORM (CALCULATED AS ARSENIC) BELONG TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF >= 5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 500 KG AND ABOVE. (THIS APPLIES TO ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : SEP1987</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE ARSENIC PENTOXIDE, ARSENIC(V)ACID AND SALTS (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 500 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1559.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>

Common Name : Arsenic Pentoxide

RTECS Number : CG2275000

CAS Number : 1303-28-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 500KG. (APPLIES TO ARSENIC PENTOXIDE, ARSENIC(V)ACID AND SALTS THEREOF).</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
SWE	REG	USE USE	PESTI INDST	PRMT PRMT	<p>USED ONLY AS A WOOD PRESERVATIVE FOR INDUSTRIAL PRESSURE TREATMENTS OF WOOD THAT WILL BE USED IN CONSTANT CONTACT WITH SOIL OR WATER AND THUS REQUIRES LONGLASTING PROTECTION AGAINST ROT, INSECTS AND MARINE ORGANISMS.</p> <p><u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S REGULATIONS ON PRESERVATIVE-TREATED WOOD. KEMIKALIEINSPEKTIONENS FORESKRIFTER OM TRASKYEDDSBEHANDLAT VIRKE.</p> <p><u>Reference</u> : KIFS**,1990:10,,,1990 <u>Effective Date</u> : 1 JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference</u> : PFBEK*,,,1991 <u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1559.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Effective Date</u> : <u>Entry / Update</u> : AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /ARSENIC AND SOLUBLE COMPOUNDS, AS AS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>100 MG/M3 /ARSENIC & CMPD (AS AS/)</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,42,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,42,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : **Arsenic Pentoxide**RTECS Number : **CG2275000**CAS Number : **1303-28-2**

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CHROMATED ARSENICALS, 1986. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=100/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Arsenic Trioxide

RTECS Number : CG3325000

CAS Number : 1327-53-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1561. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109, 118. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>PRODUCTION - SUSPECTED HUMAN CARCINOGEN; WORKER EXPOSURE BY ALL ROUTES SHALL BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.1 MG/M3, CALCULATED AS AS IN TOTAL DUST. APPLIES TO ARSENIC TRIOXIDE, ARSENIC PENTOXIDE, ARSENOUS ACIDS, ARSENIC ACID AND THEIR SALTS (ARSENITES, ARSENATES). IT IS RECOMMENDED THAT THIS TRK VALUE IS ALSO USED AS A BASIS FOR PROTECTIVE MEASURES FOR ARSENIC AND ALL ITS COMPOUNDS WHICH ARE NOT MENTIONED HERE (WITH THE EXCEPTION OF ARSINE). (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title :</u> TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRliche STOFFE")</p> <p><u>Reference :</u> BNDS6,,2,120,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> BNDS6,,11,52,1991 <u>Entry / Update :</u> JAN1992</p>

Common Name : Arsenic Trioxide

RTECS Number : CG3325000

CAS Number : 1327-53-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>ARSENIC TRIOXIDE AND ARSENIC PENTOXIDE, ARSENOUS ACID AND ITS SALTS, ARSENOUS ACID AND ITS SALTS, ARSENIC ACID AND ITS SALTS, IN RESPIRABLE FORM (CALCULATED AS ARSENIC) BELONG TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF >= 5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: CARC.CAT.1; MAY CAUSE CANCER (R 45). T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: T+ - VERY TOXIC; MAY CAUSE CANCER (R 45); ALSO VERY TOXIC IF SWALLOWED (R 28); CAUSES BURNS (R 34); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 100 KG AND ABOVE. (THIS APPLIES TO ARSENIC TRIOXIDE, ARSENOUS(III)ACID AND SALTS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>

Common Name : Arsenic Trioxide

RTECS Number : CG3325000

CAS Number : 1327-53-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE ARSENIC TRIOXIDE, ARSENIOS (III) ACID AND SALTS (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> SEP1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1561.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG. (APPLIES TO ARSENIC TRIOXIDE, ARSENIOS(III)ACID AND SALTS THEREOF).</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.5 MG/M3 (AS AS)</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
UN	REC	TRNSP LABEL PACK		CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1561.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>

Common Name : **Arsenic Trioxide**RTECS Number : **CG3325000**CAS Number : **1327-53-3****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	A2. A2= SUSPECTED HUMAN CARCINOGEN. /ARSENIC TRIOXIDE PRODUCTION/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	100 MG/M3 /ARSENIC & CMPD (AS AS)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,42,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,42,1990 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, CHROMATED ARSENICALS, 1986.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMI CALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL E FFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	SOLID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIP MENTS MUST BE LABELED POISON.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991

Common Name : Arsenic Trioxide

RTECS Number : CG3325000

CAS Number : 1327-53-3

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=100/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT: LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H).; SUMMARY - THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992

Common Name : Arsenic Trisulfide

RTECS Number :

CAS Number : 1303-33-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /ARSENIC AND SOLUBLE COMPOUNDS, AS AS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>100 MG/M3 /ARSENIC & CMPD (AS AS)/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,42,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,42,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference :</u> FEREC,51,,34547,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991</p>

Common Name : **Arsine**RTECS Number : **CG6475000**CAS Number : **7784-42-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.2 MG/M3 (0.05 PPM).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 1958/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	TRNSP PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2188. CLASS (2.3): POISON GAS; CLASS (2.1): FLAMMABLE GAS. SPECIAL PROVISIONS: 46, 48, 56, 79, 88, 99, 102. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PROHIBITED. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.05 PPM, 0.2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE THIRD GROUP OF AIR POLLUTANTS (GASEOUS INORGANIC AIR POLLUTANT)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.1 MG/M3; CLV: 0.2 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>

Common Name : **Arsine**RTECS Number : **CG6475000**CAS Number : **7784-42-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.05 ML/M3 (PPM); 0.2 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 0.25 ML/M3 (PPM); 1.0 MG/M3; AVERAGE VALUE; 2X/SHIFT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF 10 G/H OR MORE.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 10 KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : SEP1987</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.2 MG/M3 (0.05 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 10 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : SEP1992</p>

Common Name : **Arsine**RTECS Number : **CG6475000**CAS Number : **7784-42-1****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: FLAMMABLE GAS. UN NO. 2188 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 10KG. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 0.16 MG/M3 (0.05 PPM) <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.2 MG/M3 (0.05 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.1 MG/M3 (VAPOUR) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	AMBI	MAC	0.002 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.05 MG/M3 (0.02 PPM) <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISKS: 3 = FLAMMABLE LIQUID AND 6.1 = POISONOUS SUBSTANCE. UN NO. 2188 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : **Arsine**RTECS Number : **CG6475000**CAS Number : **7784-42-1**Area Type Subject Spec. Description Level / Summary Information :

USA	REC	SAFTY USE	OCC OCC	MXL MXL	6 PPM
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Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,42,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,42,1990Entry / Update : OCT1991

USA	REC	AIR	OCC	TLV	
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TIME WEIGHTED AVG (TWA) 0.05 PPM, 0.16 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.

Title : THRESHOLD LIMIT VALUESReference : ACGIH*,11,1989Effective Date : 1989Last Amendment : ACGIH*,11,1991Entry / Update : DEC1991

USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	
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FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE SEGREGATED AS FOR FLAMMABLE GASES. ALL SHIPMENTS MUST BE LABELLED POISON GAS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.

Title : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONSReference : CFRUS*,49,172,101,1984Effective Date : OCT1991Last Amendment : CFRUS*,49,172,101,1990Entry / Update : NOV1991

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	
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TPQ=100 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.

Title : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIESReference : FEREAC,52,,13395,1987Effective Date : 1987Last Amendment : CFRUS*,40,355,,1990Entry / Update : OCT1991

Common Name : Asbestos

RTECS Number : CI6475000

CAS Number : 1332-21-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REC	AQ	DRINK	MAC GL	<p>ASSESSMENT OF DATA INDICATES NO NEED TO SET ANUMERICAL GUIDELINE. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REG	AIR	AMBI EMI	MPC RQR	<p>THE CONCENTRATION OF ASBESTOS FIBRES CONTAINED IN ANY GASES THAT THE OWNER OR OPERATOR OF A MINE OR MILL MAY PERMIT TO BE RELEASED INTO THE AMBIENT AIR SHALL NOT EXCEED 2 ASBESTOS FIBRES PER NORMAL CUBIC CENTIMETRE OF THE GASES. THIS LIMIT IS PRESCRIBED BY THE ASBESTOS MINES AND MILLS RELEASE REGULATIONS WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE).THE REGULATIONS LIMITS THE CONCENTRATION OF ASBESTOS FIBRES IN GASES EMITTED INTO THE AMBIENT AIR AT MINES OR MILLS FROM CRUSHING, DRYING OR MILLING OPERATIONS. THEY ALSO CONTAIN REQUIREMENTS REGARDING PLANT MALFUNCTIONS, EMISSIONS TESTING AND REPORTING.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,14,2442,1990 <u>Effective Date :</u> 14JUN1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORTINTO CANADA TEXTILE FIBRE PRODUCTS THAT ARE TO BE WORN ON THE PERSON AND THAT CONTAINS ASBESTOS FIBRES, OTHER THAN PRODUCTS THAT AREDESIGNED FOR PROTECTION FROM FIRE OR HEAT HAZARDS, OR CONSTRUCTED SO THAT THE ASBESTOS FIBRES WILL NOT, ON REASONABLY FORESEEABLE USE, BECOME SEPARATED FROM THE PRODUCTS; PRODUCTS THAT ARE COMPOSED OF OR CONTAIN ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE, CUMMINGTONITE, TREMOLITE OR ANY OTHER TYPE OF ASBESTOS AND THAT ARE FOR USE BY A CHILD IN LEARNING OR PLAY AND MADE IN SUCH A WAY THAT ASBESTOS MAYBECOME SEPARATED FROM THE PRODUCT, FOR USE INMODELLING OR SCULPTURE, DRY-WALL JOINT CEMENTS OR COMPOUNDS OR SPACKLING OR PATCHINGCOMPOUNDS FOR USE IN CONSTRUCTION, REPAIRS ORRENOVATIONS AND MADE SO THAT AIRBORNE ASBESTOS MAY BECOME SEPARATED FROM THE PRODUCTS OR FOR USE TO SIMULATE ASHES OR EMBERS; OTHER PRODUCTS PACKAGED AS CONSUMER PRODUCTS AND THAT ARE COMPOSED OF ASBESTOS FIBRES INCLUDING ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE, CUMMINGTONITE AND TREMOLITE; OR ASBESTOS PRODUCTS THAT ARE DESTINED FOR APPLICATION BYSPRAYING, OTHER THAN PRODUCTS THAT ARE ALREADY INCLUDED OR A MIXTURE OF ASBESTOS FIBRES AND BITUMINOUS OR RESINOUS BASED BINDING MATERIALS WHERE THE FIBRES ARE ENCAPSULATED WITH THE BINDER DURING SPRAYING AND THE RESULTING MATERIALS ARE NOT FRIABLE AFTER DRYING. THIS PROHIBITION IS PRESCRIBEDBY SCHEDULE1 OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>

Common Name : Asbestos

RTECS Number : CI6475000

CAS Number : 1332-21-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>FORMS OTHER THAN AMOSITE, CHRYSOTILE OR CROCIDOLITE - TWA: 2 FIBRES/CC. (FIBERS LARGER THAN 5 MICROMETERS AND WITH AN ASPECT RATIO EQUAL TO OR GREATER THAN 3.1). CONFIRMED HUMAN CARCINOGEN, PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 4.0MG/M3 (APPLIES TO FIBROGENIC DUST CONTAINING <10% ASBESTOS); TWA: 2.0MG/M3 (APPLIES TO FIBROGENIC DUST CONTAINING >10% ASBESTOS)</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>300 000FIBRES/L</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	USE LABEL PACK	OCC	CLASS RQR RSTR	<p>CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED.</p> <p><u>Title :</u> DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference :</u> VMZSR*,3,,1985 <u>Effective Date :</u> 1APR1985</p> <p><u>Last Amendment :</u> VMZSR*,10,98,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 250000 FIBERS/M3. (DEFINITION OF FIBER: LENGTH > 5UM, DIAMETER < 3UM, LENGTH/DIAMETER < 3:1). APPLIES TO ASBESTOS (CHRYSOTILE) EXCEPT FOR DEMOLITION WORKS, RECONSTRUCTION WORKS AND MAINTENANCE. ACCORDING TO TODAY'S KNOWLEDGE MAXIMUM EXPOSURES TO ASBESTOS FIBERS (CHRYSOTILE AND AMPHIBOLE FORMS OF ASBESTOS) USUALLY OCCUR DURING DEMOLITION WORKS, RECONSTRUCTION WORKS AND MAINTENANCE. FOR THESE WORKS A TRK VALUE WITH A DEFINED REFERENCE TO CURRENT TECHNOLOGY CAN NOT BE ESTABLISHED. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title :</u> TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRliche STOFFE")</p> <p><u>Reference :</u> BNDS6,,2,120,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> BNDS6,,11,52,1991 <u>Entry / Update :</u> JAN1992</p>

Common Name : Asbestos

RTECS Number : C16475000

CAS Number : 1332-21-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. APPLIES TO ASBESTOS FINE DUST AND ASBESTOS-CONTAINING FINE DUST. FINE DUST IS DEFINED AS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	MANUF - SALE USE		RSTR RSTR RSTR	<p>THE PRODUCTION, MARKETING AND USE OF THE FOLLOWING ASBESTOS-CONTAINING SUBSTANCES, FORMULATIONS OR PRODUCTS IS PROHIBITED: 1) TOYS; 2) PULVERIZED READY-FOR-USE PRODUCTS WHICH ARE SOLD TO THE PUBLIC IN RETAIL STORES; 3) ARTICLES FOR SMOKERS LIKE TOBACCO-PIPES, CIGARETTE- OR CIGAR-HOLDERS; 4) CATALYTIC SIEVES AND INSULATION TOOLS FOR HEATING DEVICES WORKING WITH LIQUID GAS; 5) PAINTING MATERIALS; 6) SUBSTANCES OR FORMULATIONS FOR SRAYING OR SPRINKLING; 7) CROCIDOLITE OR CROCIDOLITE-CONTAINING FORMULATIONS OR PRODUCTS. THE PRODUCTION AND USE OF THE FOLLOWING ASBESTOS-CONTAINING HAZARDOUS SUBSTANCES IS PROHIBITED: 1) ASBESTOS CEMENT LIGHTWEIGHT BOARDS (WEIGHT < 1.0 G/CM3); 2) INSULATION MATERIAL FOR PROTECTION AGAINST FIRE, SOUND, HEAT, FROST, OR MOISTURE; 3) FILTER AND FILTRATION AIDING MATERIALS (EXCEPT FOR MICROFILTRATION AND STERILIZATION FILTRATION IN THE PRODUCTION OF BEVERAGES AND PHARMACEUTICALS AND EXCEPT FOR DIAPHRAGMS FOR ELECTROLYTIC PROCESSES); 4) PUTTY AND ADHESIVES; 5) MORTAR AND FILLER MATERIALS; 6) FLOOR AND STREET SURFACE MATERIALS; 7) PROTECTIVE CLOTHING AGAINST HEAT (EXCEPT PROTECTIVE CLOTHING FOR TEMPERATURES OVER 500 C). THE PRODUCTION OF ASBESTOS-CONTAINING FIBER REINFORCED THERMOPLASTIC MASSES IS PROHIBITED. IN VEHICLES ASBESTOS-CONTAINING BRAKE- AND CLUTCH-LININGS MAY NOT BE USED, IF IT IS TECHNICALLY POSSIBLE AND ALLOWED BY TRAFFIC LAW TO USE ASBESTOS-FREE LININGS AND IF THESE LININGS ARE OFFERED.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH ASBESTOS IN RESPIRABLE FORM IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE ASBESTOS IN RESPIRABLE FORM CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF ASBESTOS IN RESPIRABLE FORM ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	AIR	EMI	MPC	<p>ASBESTOS (CHRYOSITILE, CROCIDOLITE, AMOSITE, ANTHOPHYLLITE, ACTINOLITE AND TREMOLITE) AS FINE DUST BELONGS TO CLASS I CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS I CARCINOGENS MUST NOT EXCEED 0.1 MG/M3 AT A MASS FLOW OF >= 0.5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	AIR AQ MONIT WASTE	EMI EMI METHD REMOV	MXL MXL RQR RQR	<p>USE OF ASBESTOS MATERIALS MEANS ACTIVITIES WHICH INVOLVE THE HANDLING OF QUANTITIES OF MORE THAN 100KG OF RAW ASBESTOS PER YEAR. THE MEASURES SHOULD BE TAKEN TO ENSURE THAT ASBESTOS EMISSIONS INTO AIR AND ASBESTOS DISCHARGES INTO AQUATIC ENVIRONMENTS DO NOT EXCEED THE FOLLOWING LIMIT VALUES: A) 0.1MG/M3 OF AIR DISCHARGED, B) 30G OF TOTAL SUSPENDED MATTER PER M3 OF AQUEOUS EFFLUENT DISCHARGED. MEASUREMENT OF EMISSIONS INTO THE AIR AND OF DISCHARGES OF AQUEOUS EFFLUENT SHOULD BE TAKEN AT REGULAR INTERVALS; MEASUREMENT METHODS AND PROCEDURES ARE DESCRIBED. MEASURES SHOULD BE TAKEN TO ENSURE THAT THE WORKING OF PRODUCTS CONTAINING ASBESTOS, TRANSPORT AND DEPOSITION OF WASTE CONTAINING ASBESTOS DO NOT CAUSE SIGNIFICANT ENVIRONMENTAL POLLUTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 19 MARCH 1987 ON THE PREVENTION AND REDUCTION OF ENVIRONMENTAL POLLUTION BY ASBESTOS. (87/217/EEC).</p> <p><u>Reference</u> : OJEC**,L85,,40,1987 <u>Effective Date</u> : 01JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1987</p>

Common Name : **Asbestos**RTECS Number : **CI6475000**CAS Number : **1332-21-4**Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	WASTE CONTAINING OR CONTAMINATED BY ASBESTOS (DUST AND FIBRES) IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES). <u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC). <u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987 <u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987
EEC	REG	SALE USE GOODS	- - CONSM	RSTR RSTR RSTR	THE PLACING ON THE MARKET AND USE OF PRODUCTS CONTAINING THE ASBESTOS FIBRES CROCIDOLITE, AMOSITE, ANTHOPHYLLITE, ACTINOLITE, OR TREMOLITE AND OF PRODUCTS CONTAINING THESE FIBRES INTENTIONALLY ADDED SHALL BE PROHIBITED. THE PLACING ON THE MARKET AND USE OF PRODUCTS CONTAINING CHRYSOTILE SHALL BE PROHIBITED FOR: TOYS; MATERIALS OR PREPARATIONS INTENDED TO BE APPLIED BY SPRAYING; FINISHED PRODUCTS WHICH ARE RETAILED TO THE PUBLIC IN POWDER FORM; ITEMS FOR SMOKING; CATALYTIC FILTERS AND INSULATION DEVICES FOR INCORPORATION IN CATALYTIC HEATERS USING LIQUEFIED GAS; PAINTS AND VARNISHES; FILTERS FOR LIQUIDS (EXCEPT FILTERS FOR MEDICINAL USE UNTIL AFTER 31 DECEMBER 1994); ROAD SURFACING MATERIAL WHERE THE FIBRE CONTENT IS GREATER THAN 2 %; MORTARS, PROTECTIVE COATINGS, FILLERS, SEALANTS, JOINTING COMPOUNDS, MASTICS, GLUES, DECORATIVE POWDERS AND FINISHES; LOW DENSITY INSULATING OR SOUNDPROOFING MATERIALS (DENSITY LESS THAN 1 G/CM3); AIR FILTERS AND FILTERS IN TRANSPORT DISTRIBUTION AND UTILIZATION OF NATURAL GAS AND TOWN GAS; UNDERLAYS FOR PLASTIC FLOOR AND WALL COVERINGS; TEXTILES FINISHED IN THE FORM INTENDED TO BE SUPPLIED TO THE END USER UNLESS TREATED TO AVOID FIBRE RELEASE (EXCEPT DIAPHRAMS FOR ELECTROLYSIS PROCESSES UNTIL AFTER 31 DECEMBER 1998); ROOFING FELT. THE PLACING ON THE MARKET AND USE OF PRODUCTS CONTAINING THIS FIBRE MAY BE PERMITTED ONLY IF THE PRODUCTS BEAR A LABEL IN ACCORDANCE WITH THE PROVISIONS OF ANNEX II TO THIS DIRECTIVE. <u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC). <u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 01JUL1993 <u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992
EEC	REG	WASTE	-	RQR	WASTE CONTAINING OR CONTAMINATED BY ASBESTOS (DUST AND FIBRES) IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993). <u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC). <u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992

Common Name : Asbestos

RTECS Number : CI6475000

CAS Number : 1332-21-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF DUST; ASBESTOS (SUSPENDED PARTICULATES AND FIBRES); GLASS AND MINERAL FIBRES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p><u>Reference</u> : OJEC**,L188,,20,1984 <u>Effective Date</u> : 30JUN1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO ASBESTOS MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE; 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS; 3) ACCESS FOR WORKERS TO APPROPRIATE INFORMATION ON THE DANGERS PRESENTED BY THIS AGENT. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE. A REFERENCE METHOD FOR THE MEASURING PROCEDURES IS GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 NOVEMBER 1980 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK. (80/1107/EEC).</p> <p><u>Reference</u> : OJEC**,L327,,8,1980 <u>Effective Date</u> : 21DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L356,,74,1988 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	USE SAFTY AIR MONIT	OCC OCC OCC OCC	RSTR RQR MXL RQR	<p>PROHIBITION OF APPLICATION OF ASBESTOS BY MEANS OF SPRAYING. MEASURES FOR KEEPING THE EXPOSURE OF WORKERS AS LOW AS REASONABLY PRACTICABLE ARE RECOMMENDED. THE LIMIT VALUES FOR THE CONCENTRATION IN THE AIR AT THE PLACE OF WORK (FOR 8-HOUR REFERENCE PERIODS): A) FOR CHRYSOTILE FIBRES: 0,60 FIBRES/CM³; B) OTHER FORMS OF ASBESTOS FIBRES, EITHER ALONE OR IN MIXTURES, INCLUDING MIXTURES CONTAINING CHRYSOTILE: 0,30 FIBRES/CM³. IN CASE THE LIMIT VALUES MIGHT BE EXCEEDED, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS MUST BE TAKEN, IN PARTICULAR THEY MUST WEAR PERSONAL PROTECTIVE (INCL RESPIRATORY) EQUIPMENT; AND WARNING SIGNS INDICATING THAT THE LIMIT VALUES MIGHT BE EXCEEDED MUST BE PUT UP. ASBESTOS AND ASBESTOS-CONTAINING PRODUCTS SHOULD BE REMOVED AS FAR AS REASONABLY PRACTICABLE BEFORE ANY DEMOLITION WORK. THE WORKERS AND THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, THE EXISTENCE OF LIMIT VALUES, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN. SPECIFIC REQUIREMENTS APPLY FOR THE FOLLOWING LEVELS OF ASBESTOS FIBRES IN THE AIR: A) FOR CHRYSOTILE: >=0,20 FIBRES/CM³ FOR AN 8-HOUR REFERENCE PERIOD AND/OR THE CUMULATIVE DOSE IS >=12,00 FIBRES-DAYS/CM³ OVER A 3-MONTH PERIOD; B) FOR ALL OTHER FORMS OF ASBESTOS EITHER ALONE OR IN MIXTURES, INCLUDING MIXTURES CONTAINING CHRYSOTILE: >=0,10 FIBRES/CM³ FOR AN 8-HOUR REFERENCE PERIOD, AND/OR THE CUMULATIVE DOSE IS 6,00 FIBRE-DAYS/CM³ OVER A 3 MONTH PERIOD. THESE REQUIREMENTS INCLUDE: NOTIFICATION TO THE COMPETENT AUTHORITY; MONITORING; PROTECTIVE AND HYGIENIC MEASURES; MEDICAL SURVEILLANCE; RECORD KEEPING (FOR 30 YEARS). (EFFECTIVE DATE FOR ASBESTOS-MINING ACTIVITIES: 01JAN1996; FOR HELLENIC REPUBLIC: 01JAN1999 FOR ASBESTOS-MINING ACTIVITIES, 01JAN1996 FOR OTHER ACTIVITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 19 SEPTEMBER 1983 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO ASBESTOS AT WORK (SECOND INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 8 OF DIRECTIVE 80/1107/EEC). (83/477/EEC).</p> <p><u>Reference</u> : OJEC**,L263,,25,1983 <u>Effective Date</u> : 01JAN1993</p> <p><u>Last Amendment</u> : OJEC**,L206,,16,1991 <u>Entry / Update</u> : MAY1992</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO ASBESTOS (DUST AND FIBRES)).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF ASBESTOS (SUSPENDED PARTICULATE MATTER AND FIBRES), GLASS FIBRES AND MINERAL FIBRES, WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : **Asbestos**RTECS Number : **CI6475000**CAS Number : **1332-21-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	MEL	<p>REFERENCE IS MADE TO GUIDANCE NOTE EH10, WHICH STATES THAT: EXPOSURE TO ALL FORMS OF ASBESTOS DUST SHOULD BE REDUCED TO THE MINIMUM REASONABLY PRACTICABLE, AND SHOULD IN ANY CASE NEVER EXCEED: A) FOR DUST CONTAINING CROCIDOLITE OR AMOSITE: 0.2 FIBRES/ML (DURING A 4-HOUR PERIOD OR 0.6 FIBRES/ML (DURING A 10-MIN PERIOD), B) FOR DUST CONTAINING OTHER TYPES OF ASBESTOS: 0.5 FIBRES/ML (DURING A 4-HOUR PERIOD) OR 1.5 FIBRES/ML (DURING A 10-MIN PERIOD)(GUIDANCE NOTE EH37 (1984) CONTAINS INFORMATION ON WORK WITH ASBESTOS INSULATING BOARD. GUIDANCE NOTE EH41 (1985) CONTAINS INFORMATION ON PROTECTIVE RESPIRATORY EQUIPMENT FOR USE WITH ASBESTOS).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR SAFTY	OCC OCC	CNTRL RQR	<p>EMPLOYERS MUST IDENTIFY THE TYPE OF ASBESTOS INVOLVED AND ASSESS THE NATURE AND DEGREE OF EXPOSURE AND THE STEPS TO BE TAKEN TO REDUCE OCCUPATIONAL EXPOSURE. WHERE IT IS NOT REASONABLY PRACTICABLE TO PREVENT OR REDUCE EXPOSURE BELOW THE CONTROL LIMITS OF 0.2 FIBRES/ML AIR (AVERAGED OVER ANY CONTINUOUS 4 HOUR PERIOD) AND 0.6 FIBRES/ML AIR, (AVERAGED OVER ANY CONTINUOUS 10 MINUTES PERIOD) FOR ASBESTOS CONTAINING CROCIDOLITE OR AMOSITE, OR 0.5 FIBRES/ML AIR AND 1.5 FIBRES/ML AIR RESPECTIVELY FOR ASBESTOS CONTAINING OTHER TYPES OF ASBESTOS, RESPIRATORY PROTECTIVE EQUIPMENT, CLEAN PROTECTIVE CLOTHING AND CLEANING FACILITIES MUST BE PROVIDED. AFFECTED WORKING AREAS MUST BE DESIGNATED AND CLEARLY MARKED. WHERE AN EMPLOYEE IS LIABLE TO EXPOSURE THE ENFORCING AUTHORITY MUST BE NOTIFIED. THE LABELLING REQUIREMENTS FOR PRODUCTS FOR USE AT WORK ARE ALSO SPECIFIED. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 83/477/EEC, AND 76/769/EEC (AMENDED BY 83/478/EEC).</p> <p><u>Title</u> : THE CONTROL OF ASBESTOS AT WORK REGULATIONS 1987</p> <p><u>Reference</u> : GBRSI*,2115,,,1987 <u>Effective Date</u> : 01MCH1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE MANUFACTURE AND WHERE RELATED TO THE MANUFACTURE, THE INDUSTRIAL FINISHING OF LISTED ASBESTOS PRODUCTS, THE STRIPPING OF ASBESTOS FROM RAILWAY VEHICLES AND THE DESTRUCTION BY BURNING OF A RAILWAY VEHICLE IF ASBESTOS HAS BEEN INCORPORATED IN OR SPRAYED ONTO, ITS STRUCTURE ARE PRESCRIBED PROCESSES. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ WASTE	EMI INDST	RQR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO PUBLIC SEWERS OF EFFLUENTS, PRODUCED IN THE COURSE OF ANY PROCESS, FOR THE MANUFACTURE OF ASBESTOS CEMENT, OR ANY INDUSTRIAL PROCESS INVOLVING THE USE IN ANY 12 MONTH PERIOD, OF MORE THAN 100KG OF THE PRODUCT RESULTING FROM THE CRUSHING OF ASBESTOS ORE, WHERE THE EFFLUENT CONTAINS CONCENTRATIONS OF ASBESTOS, EXCEEDING THOSE THAT WOULD BE PRESENT REGARDLESS OF THE PROCESS. SEWERAGE UNDERTAKERS MUST NOTIFY THE COMPETENT AUTHORITY WHERE DISCHARGE EFFLUENTS DERIVING FROM THIS PROCESS, MIGHT CONTAIN ASBESTOS IN A CONCENTRATION GREATER THAN THE BACKGROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 87/217/EEC).</p> <p><u>Title</u> : THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1156,,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1629,,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	USE MONIT	OCC OCC	RQR RQR	<p>AN EMPLOYER OR SELF-EMPLOYED PERSON WHO UNDERTAKES WORK WITH ASBESTOS INSULATION OR ASBESTOS COATING MAY ONLY DO SO IN ACCORDANCE WITH A LICENSE ISSUED TO HIM BY THE HEALTH AND SAFETY EXECUTIVE. THE EXECUTIVE MAY IMPOSE CONDITIONS IN ANY LICENSE IT ISSUES AND MAY REFUSE TO ISSUE A LICENSE. AN EMPLOYER IS REQUIRED TO ENSURE THAT EMPLOYEES ARE MEDICALLY EXAMINED BEFORE THEY FIRST WORK WITH ASBESTOS INSULATION OR ASBESTOS COATING AND AGAIN EVERY 2 YEARS SO LONG AS THEY CONTINUE SUCH WORK. "ASBESTOS" MEANS CROCIDOLITE, AMOSITE, CHRYSOTILE, FIBROUS ACTINOLITE, FIBROUS ANTHOPHYLLITE, FIBROUS TREMOLITE AND ANY MIXTURE CONTAINING ANY OF THOSE MINERALS.</p> <p><u>Title</u> : THE ASBESTOS (LICENSING) REGULATIONS 1983</p> <p><u>Reference</u> : GBRSI*,1649,,,1983 <u>Effective Date</u> : 1AUG1984</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Asbestos

RTECS Number : CI6475000

CAS Number : 1332-21-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	WASTE	-	RQR	<p>ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THIS SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF $<=21^{\circ}\text{C}$. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING ASBESTOS.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980</p> <p><u>Reference</u> : GBR SI*,1709,,1980 <u>Effective Date</u> : 16MCH1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1986</p>
GBR	REG	IMPRT USE	OCC	PRO PRO	<p>PROHIBITION OF THE IMPORTATION OF CRUDE, FIBRE, FLAKE, POWDER OR WASTE CROCIDOLITE OR AMOSITE. PROHIBITION OF THE SUPPLY OF CROCIDOLITE AND AMOSITE AND PRODUCTS CONTAINING THOSE MINERALS FOR USE AT WORK. PROHIBITION OF THE USE OF CROCIDOLITE AND AMOSITE AND PRODUCTS CONTAINING THOSE MINERALS IN THE MANUFACTURE OR REPAIR OF OTHER PRODUCTS AND AT WORK (EXCEPT FOR PRODUCTS WHICH WERE IN USE BEFORE 1ST JANUARY 1986 OR ACTIVITIES IN CONNECTION WITH THE DISPOSAL OF SUCH PRODUCTS)</p> <p><u>Title</u> : THE ASBESTOS (PROHIBITIONS) REGULATIONS 1985</p> <p><u>Reference</u> : GBR SI*,910,,1,1985 <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUL1985</p>
GBR	REG	USE	INDST	PRO	<p>PROHIBITION OF ASBESTOS SPRAYING (= THE APPLICATION BY SPRAYING OF ANY MATERIAL CONTAINING ASBESTOS TO FORM A SURFACE COATING, NOT INCLUDED IS THE APPLICATION BY SPRAYING OF ANY BITUMINOUS COMPOSITION CONTAINING LESS THAN 10% BY WEIGHT OF ASBESTOS TO MOTOR VEHICLES FOR THE PURPOSE OF UNDERSEALING). PROHIBITION OF ASBESTOS INSULATION (= MATERIALS CONTAINING ASBESTOS AND USED FOR THERMAL INSULATION OR ACOUSTIC INSULATION, EXCEPT ASBESTOS CEMENT OR ASBESTOS INSULATING BOARD ; ANY ARTICLE OF BITUMEN, PLASTIC, RESIN OR RUBBER; AND FILM, FOIL, RESIN OR RUBBER COATED ASBESTOS TEXTILES, PRIMARILY USED FOR FIRE PROTECTION), 'ASBESTOS' MEANS CROCIDOLITE, AMOSITE, CHRYSOTILE, FIBROUS ACTINOLITE, FIBROUS ANTHOPHYLLITE, FIBROUS TREMOLITE AND ANY MIXTURE CONTAINING ANY OF THOSE MINERALS</p> <p><u>Title</u> : THE ASBESTOS (PROHIBITIONS) REGULATIONS 1985</p> <p><u>Reference</u> : GBR SI*,910,,1,1985 <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUL1985</p>
GBR	REG	AIR MONIT	EMI INDST	MXL RQR	<p>IN PREMISES WHERE THE HEALTH AND SAFETY AT WORK ETC. ACT APPLIES, DISCHARGES MUST NOT EXCEED 0.1MG/M3 OF AIR, MEASURED AT INTERVALS OF NOT MORE THAN 6 MONTHS. IN OTHER CIRCUMSTANCES, INCLUDING DEMOLITION, SIGNIFICANT ENVIRONMENTAL POLLUTION MUST NOT BE CAUSED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 87/217/EEC. (THIS APPLIES TO ASBESTOS INCLUDING ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CHRYSOTILE, CROCIDOLITE AND TREMOLITE).</p> <p><u>Title</u> : THE CONTROL OF ASBESTOS IN THE AIR REGULATIONS 1990</p> <p><u>Reference</u> : GBR SI*,556,,1990 <u>Effective Date</u> : 05APR1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
ILO	REG	USE SAFTY	OCC OCC	RSTR RQR	<p>THIS CONVENTION APPLIES TO ALL ACTIVITIES INVOLVING EXPOSURE OF WORKERS TO ASBESTOS IN THE COURSE OF WORK. EXPOSURE TO ASBESTOS SHALL BE PREVENTED OR CONTROLLED BY THE REPLACEMENT OF ASBESTOS BY OTHER MATERIALS: USE OF ALTERNATIVE TECHNOLOGIES; TOTAL OR PARTIAL PROHIBITION OF THE USE OF ASBESTOS OR OF CERTAIN TYPES OF ASBESTOS IN CERTAIN WORK PROCESSES. SPRAYING OF ALL FORMS OF ASBESTOS SHALL BE PROHIBITED. EMPLOYERS SHALL NOTIFY THE COMPETENT AUTHORITY ON CERTAIN TYPES OF WORK INVOLVING ASBESTOS. ADEQUATE LABELLING OF ASBESTOS CONTAINERS AND ASBESTOS PRODUCTS IS REQUIRED. LIMITS FOR THE EXPOSURE OF WORKERS TO ASBESTOS SHALL BE FIXED AND PERIODICALLY REVIEWED. ADEQUATE PROTECTIVE RESPIRATORY EQUIPMENT AND WASH FACILITIES SHALL BE PROVIDED WHERE NECESSARY. ASBESTOS DEMOLITION MUST BE UNDERTAKEN ONLY BY AUTHORIZED CONTRACTORS AND THEY MUST SUBMIT A DEMOLITION WORK PLAN. PRECAUTION IN THE HANDLING OF CONTAMINATED WORK CLOTHING IS SPECIFIED. WASTE CONTAINING ASBESTOS IS TO BE DISPOSED OF IN AN ADEQUATE FASHION. POLLUTION OF THE GENERAL ENVIRONMENT SHALL BE PREVENTED. THE CONCENTRATIONS OF AIRBORNE DUST IN THE WORKPLACE SHALL BE MONITORED. WORKERS SHALL BE PROVIDED WITH MEDICAL EXAMINATIONS AND RECEIVE ADVICE AND TRAINING CONCERNING ASBESTOS HAZARDS. (ASBESTOS MEANS CHRYSOTILE, ACTINOLITE, AMOSITE, ANTHOPHYLLITE, CROCIDOLITE AND TREMOLITE OR ANY MIXTURE CONTAINING ONE OR MORE OF THESE).</p> <p><u>Title</u> : CONVENTION NO. 162. CONVENTION CONCERNING SAFETY IN THE USE OF ASBESTOS 1986</p> <p><u>Reference</u> : ILO CR*,,,,1992 <u>Effective Date</u> : 16JUN1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1992</p>

Common Name : **Asbestos**RTECS Number : **CI6475000**CAS Number : **1332-21-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTES CONTAINING THE SUBSTANCE ARE CLASSIFIED AS HAZARDOUS WASTE. THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 200 KG/YEAR (CALCULATED AS ASBESTOS) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN.</p> <p><u>Title :</u> THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989</p> <p><u>Reference :</u> GAZIN*,465,,1,1989 <u>Effective Date :</u> 28JUL1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 2 FIBERS/CM3 (= 0.12MG/M3 OF ASBESTOS INOR OVER 15MIN (APPLIES TO FIBRES >5UM) CLV: 10 FIBERS/CM3 OF ASBESTOS AT ANY 15 MIN (APPLIES TO FIBERS OF >5UM)</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 2.0MG/M3 (AEROSOL) (APPLIES TO DUST WITHASBESTOS CONTENT ABOVE 10%) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 8.0MG/M3 (AEROSOL)(APPLIES TO RUBBER ANDPLASTICS CONTAINING ASBESTOS); HAZ. CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 6.0 MG/M3 (AEROSOL) (APPLIES TO ASBESTOCEMENT CONTAINING NO MORE THAN 5% MANGANESE DIOXIDE, 7% CHROMIUM OXIDE AND 10% FERRIC OXIDE) HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 4.0MG/M3 (AEROSOL) (APPLIES TO DUST WITHASBESTOS CONTENT BELOW 10%) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>

Common Name : **Asbestos**

RTECS Number : **CI6475000**

CAS Number : **1332-21-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.2 FIBER/ML (APPLIES TO FIBERS WITH A LENGTH OF $\geq 5\mu\text{M}$, A DIAMETER OF $\leq 3\mu\text{M}$ AND A LENGTH TO WIDTH RATIO OF AT LEAST 5:1. THE LIMIT APPLIES TO ALL ASBESTOS FORMS EXCEPT CROCIDOLITE). CARCINOGENIC.</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO WHITE ASBESTOS, (CHRYSOITILE, ACTINOLITE, ANTHOPHYLLITE, TREMOLITE)). UN NO. 2590</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
UN	REG	WASTE EXPRT IMPRT		RSTR RQR RQR	<p>WASTES HAVING AS CONSTITUENT ASBESTOS (DUST AND FIBRES) SHALL BE "HAZARDOUS WASTES" FOR THE PURPOSES OF THIS CONVENTION. THE GENERATION AND THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES SHALL BE KEPT TO A MINIMUM. EXPORTATION OF SUCH WASTES IS ALLOWED ONLY IF THE EXPORTING STATE CANNOT DISPOSE THE WASTE PROPERLY OR THE WASTE IS REQUIRED AS RAW MATERIAL FOR RECYCLING BY THE IMPORTING COUNTRY; THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES IS SUBJECT TO NOTIFICATION BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY AND TO CONSENT BY THE COMPETENT AUTHORITY OF THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES.</p> <p><u>Title :</u> Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.</p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> ISBC1*,,,1989 <u>Entry / Update :</u> MAY1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) FOR ASBESTOS (AMOSITE) IS 0.5 FIBERS/CC. TWA FOR ASBESTOS (CHRYSOITILE) IS 2 FIBERS/CC. TWA FOR ASBESTOS (CROCIDOLITE) IS 0.2 FIBERS/CC. TWA FOR ASBESTOS (OTHER FORMS) IS 2 FIBERS/CC. A1. A1 = CONFIRMED HUMAN CARCINOGEN /ALL FORMS/; SUMMARY - THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	AQ	EMI	RQR	<p>; SUMMARY - PERMITS ARE REQUIRED FOR DISCHARGE OF ANY POLLUTANT FROM ANY POINT-SOURCE INTO US WATERS. THE FOLLOWING APPLICANTS MUST REPORT QUANTITATIVE DATA FOR THE SUBSTANCE IN THEIR APPLICATIONS: EVERY APPLICANT WHO HAS REASON TO BELIEVE THE SUBSTANCE IS CONTAINED IN ANY OF HIS OUTPUT. INSPECTION, MONITORING AND REPORTING REQUIREMENTS AFTER ISSUE OF PERMIT ARE SPECIFIED. EVEN IF NOT REQUIRED IN THE PERMIT, DISCHARGE OF THE SUBSTANCE MUST BE REPORTED IF IT EXCEEDS THE HIGHEST OF THE FOLLOWING LEVELS: 100 UM/L, 5 TIMES THE MAXIMUM CONCENTRATION REPORTED IN THE APPLICATION AND THE LEVEL ESTABLISHED BY THE EPA DIRECTOR.</p> <p><u>Title :</u> EPA ADMINISTERED PERMIT PROGRAMS: THE NATURAL POLLUTANTS DISCHARGE ELIMINATION SYSTEM.</p> <p><u>Reference :</u> FEREAC,48,,14153,1983 <u>Effective Date :</u> 1983</p> <p><u>Last Amendment :</u> CFRUS*,40,122,,1991 <u>Entry / Update :</u> FEB1992</p>
USA	REG	LABEL WASTE AIR	- - OCC	RQR RQR RQR	<p>; SUMMARY - EMPLOYEE EXPOSURE LIMITS, PROTECTIVE MEASURES, TRAINING REQUIREMENTS, AND EMPLOYEE SURVEILLANCE ARE DEFINED FOR ASBESTOS.</p> <p><u>Title :</u> OCCUPATIONAL SAFETY AND HEALTH STANDARDS; SUBPART Z, TOXIC AND HAZARDOUS SUBSTANCES.</p> <p><u>Reference :</u> FEREAC,39,,23502,1974 <u>Effective Date :</u> 1974</p> <p><u>Last Amendment :</u> CFRUS*,29,1910,1001,1991 <u>Entry / Update :</u> FEB1992</p>

Common Name : Asbestos

RTECS Number : CI6475000

CAS Number : 1332-21-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	GOODS GOODS	-	PRO RQR	; SUMMARY - ANY GENERAL USE GARMENT CONTAINING ASBESTOS IS BANNED AS A HAZARDOUS PRODUCT BECAUSE IT POSSESSES SUCH A DEGREE OF HAZARD THAT ADEQUATE CAUTIONARY LABELLING CANNOT BE WRITTEN AND PUBLIC HEALTH CAN ONLY BE SERVED BY KEEPING IT OUT OF INTERSTATE COMMERCE (DOES NOT APPLY TO GARMENTS FOR PERSONAL PROTECTION CONSTRUCTED SO FIBERS WILL NOT BECOME AIRBORNE WITH REASONABLE USE. <u>Title</u> : CONSUMER PRODUCT SAFETY COMMISSION; SUBCHAPTER C; FEDERAL HAZARDOUS SUBSTANCES ACT REGULATIONS, HAZARDOUS SUBSTANCES AND ARTICLES, ADMINISTRATION AND ENFORCEMENT REGULATIONS. <u>Reference</u> : FEREAC,38,,27012,1973 <u>Effective Date</u> : 1973 <u>Last Amendment</u> : CFRUS*,40,1500,17,1991 <u>Entry / Update</u> : FEB1992
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991
USA	REG	USE	-	PRO	; SUMMARY - SURFACING OF ROADWAYS WITH TAILINGS OR WASTE CONTAINING ASBESTOS GENERATED BY SPECIFIED PROCESSES IS PROHIBITED. <u>Title</u> : NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS. <u>Reference</u> : FEREAC,38,,8826,1973 <u>Effective Date</u> : 1973 <u>Last Amendment</u> : CFRUS*,40,61,143,1991 <u>Entry / Update</u> : FEB1992
USA	REG	USE GOODS	-	PRO	; SUMMARY - ARTIFICIAL EMBERIZING MATERIALS (USED UNDER OR GLUED TO ARTIFICIAL LOGS FOR USE IN FIRE PLACES FOR DECORATIVE PURPOSES) WHICH CONTAIN ASBESTOS IN RESPIRABLE FREE FORM ARE BANNED AS HAZARDOUS PRODUCTS. <u>Title</u> : BAN OF ARTIFICIAL EMBERIZING MATERIALS (ASH & EMBERS) CONTAINING RESPIRABLE FREE FORM ASBESTOS. <u>Reference</u> : FEREAC,42,,63362,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,16,1305,4,1991 <u>Entry / Update</u> : FEB1992
USA	REG	USE GOODS	-	PRO	; SUMMARY - PATCHING COMPOUNDS TO WHICH ASBESTOS HAS BEEN INTENTIONALLY ADDED IN RESPIRABLE FREE FORM ARE BANNED AS HAZARDOUS PRODUCTS. <u>Title</u> : BAN OF CONSUMER PATCHING COMPOUNDS CONTAINING RESPIRABLE FREE-FORM ASBESTOS. <u>Reference</u> : FEREAC,42,,63362,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,16,1304,4,1991 <u>Entry / Update</u> : FEB1992
USA	REG	AIR	-	RQR	; SUMMARY - LOCAL EDUCATION AGENCIES ARE REQUIRED TO INSPECT 173.85 SCHOOL BUILDINGS WITHIN THE AGENCY FOR FRIABLE AND NON-FRIABLE MATERIALS. IF FOUND, SAMPLES 173.86 MUST BE TAKEN AND ANALYZED 173.87 FOR ASBESTOS. THE LOCAL AGENCY MUST SELECT A RESPONSE ACTION BEST FITTING THE ANALYSIS AND IS LEAST BURDENSOME TO THE AGENCY. REPORTS OF ASBESTOS FINDINGS MUST BE REPORTED TO STATE GOVERNMENTS. CONTRACTORS MUST BE ACCREDITED IN ASBESTOS HANDLING. <u>Title</u> : ASBESTOS CONTAINING MATERIALS IN SCHOOLS. SUBPART E <u>Reference</u> : FEREAC,52,,41846,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,763,,1991 <u>Entry / Update</u> : FEB1992
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991

Common Name : Asbestos

RTECS Number : C16475000

CAS Number : 1332-21-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR	EMI	RQR	; SUMMARY - FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985 <u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991
USA	REG	MANUF IMPRT LABEL	PRO PRO PRO	PRO PRO PRO	; SUMMARY - CERTAIN ASBESTOS CONTAINING PRODUCTS ARE PROHIBITED FROM BEING MANUFACTURED AND IMPORTED 763.165, PROCESSED 763.167, AND DISTRIBUTED IN COMMERCE 763.169. PRODUCTS NOT SUBJECT TO THIS RULE-BAN ON DISTRIBUTION IN COMMERCE ARE TO BE LABELED IN ACCORDANCE TO 763.171. EXEMPTIONS AND INSTRUCTIONS FOR APPLYING FOR SUCH ARE INCLUDED. <u>Title</u> : PROHIBITION OF THE MANUFACTURING, IMPORTING, PROCESSING, AND DISTRIBUTING IN COMMERCE OF CERTAIN ASBESTOS CONTAINING PRODUCTS; LABELING REQUIREMENTS. SUBPART I. <u>Reference</u> : FEREAC,54,,29507,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : CFRUS*,40,763,160,1991 <u>Entry / Update</u> : FEB1992
USA	REG	AQ	-	RQR	; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981 <u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991
USA	REG	SOT	-	-	; SUMMARY - LOCAL EDUCATION AGENCIES ARE REQUIRED TO INSPECT 763.105 SCHOOL BUILDINGS WITHIN THE AGENCY FOR FRIABLE MATERIALS. IF FOUND, SAMPLES MUST BE TAKEN 763.107 AND ANALYZED 763.109 FOR ASBESTOS. NOTIFICATION OF SCHOOL EMPLOYEES AND PARENT TEACHER GROUPS AND RECORD-KEEPING ARE REQUIRED FOR SCHOOLS. <u>Title</u> : FRIABLE ASBESTOS-CONTAINING MATERIALS IN SCHOOLS. SUBPART F <u>Reference</u> : FEREAC,47,,23369,1982 <u>Effective Date</u> : 1982 <u>Last Amendment</u> : CFRUS*,40,763,103,1991 <u>Entry / Update</u> : FEB1992
USA	REG	AIR	EMI	PRO	; SUMMARY - VISIBLE EMISSIONS TO THE OUTSIDE AIR FROM CERTAIN FABRICATING OPERATIONS ARE PROHIBITED. METHODS FOR CLEANING EMISSIONS (40 CFR 61.152), MONITORING, INSPECTION AND RECORD-KEEPING ARE SPECIFIED. <u>Title</u> : NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS. <u>Reference</u> : FEREAC,38,,8826,1973 <u>Effective Date</u> : 1973 <u>Last Amendment</u> : CFRUS*,40,61,147,1991 <u>Entry / Update</u> : FEB1992
USA	REG	AIR	EMI	PRO	; SUMMARY - NO MILL ENGAGED IN THE CONVERSION OF ASBESTOS SHALL RELEASE ANY VISIBLE EMISSIONS TO THE OUTSIDE AIR UNLESS SPECIFIED AIR CLEANING DEVICES ARE USED. REPORTING REQUIREMENTS ARE SPECIFIED. <u>Title</u> : NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS. <u>Reference</u> : FEREAC,38,,8826,1973 <u>Effective Date</u> : 1973 <u>Last Amendment</u> : CFRUS*,40,61,155,1991 <u>Entry / Update</u> : FEB1992
USA	REG	WASTE AIR	EMI	RQR RSTR	; SUMMARY - OWNERS OF INACTIVE WASTE DISPOSAL SITES WHERE ASBESTOS WAS DEPOSITED MUST ALLOW NO VISIBLE EMISSIONS TO THE OUTSIDE AIR, AND EITHER FENCE AND USE WARNING SIGNS OR COVER WITH A CERTAIN AMOUNT OF COMPACTING MATERIAL AND VEGETATION. A DUST-SUPPRESSION AGENT MUST BE USED IN INACTIVE SITES FOR TAILINGS OF ASBESTOS. REPORTING REQUIREMENTS ARE SPECIFIED. <u>Title</u> : NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS. <u>Reference</u> : FEREAC,38,,8826,1973 <u>Effective Date</u> : 1973 <u>Last Amendment</u> : CFRUS*,40,61,151,1991 <u>Entry / Update</u> : FEB1992
USA	REG	WASTE AIR	REMOV EMI	RSTR RQR	; SUMMARY - WASTE MATERIAL CONTAINING ASBESTOS GENERATED BY MANUFACTURING, DEMOLITION, SPRAYING, AND FABRICATING OPERATIONS MUST BE DEPOSITED AT CERTAIN SPECIFIED DISPOSAL SITES. NO VISIBLE EMISSIONS ARE ALLOWED DURING COLLECTION, PROCESSING, PACKAGING, TRANSPORTING AND DEPOSITING, AND MUST BE CONTROLLED BY TREATING WITH WATER AND SEALING IN CONTAINERS, BY PROCESSING INTO NON-FRIABLE FORM, OR BY USING SPECIFIED AIR-CLEANING DEVICES. REPORTING REQUIREMENTS ARE SPECIFIED. <u>Title</u> : NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS. <u>Reference</u> : FEREAC,38,,8826,1973 <u>Effective Date</u> : 1973 <u>Last Amendment</u> : CFRUS*,40,61,150,1991 <u>Entry / Update</u> : FEB1992

Common Name : Asbestos

RTECS Number : CI6475000

CAS Number : 1332-21-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	USE GOODS	-	PRO	<p>; SUMMARY - INSULATING MATERIALS CONTAINING COMMERCIAL ASBESTOS MOLDED AND FRIABLE OR WET-APPLIED AND FRIABLE AFTER INSTALLATION MAY NOT BE INSTALLED OR RE-INSTALLED ON A FACILITY COMPONENTS.</p> <p><u>Title</u> : NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS.</p> <p><u>Reference</u> : FEREAC,38,,8826,1973 <u>Effective Date</u> : 1973</p> <p><u>Last Amendment</u> : CFRUS*,40,61,148,1991 <u>Entry / Update</u> : FEB1992</p>
USA	REG	AQ AQ	EMI INDST	RQR RQR	<p>; SUMMARY - BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B)(2)(A) AND 304(B)(2) OF THE CLEAN WATER ACT.</p> <p><u>Title</u> : 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS</p> <p><u>Reference</u> : FEREAC,44,,44502,1979 <u>Effective Date</u> : 1979</p> <p><u>Last Amendment</u> : CFRUS*,40,401,15,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR USE	EMI OCC	PRO RSTR	<p>; SUMMARY - MATERIALS SPRAYED ON BUILDINGS, PIPES, ETC. MUST CONTAIN LESS THAN 1 PERCENT OF ASBESTOS (SWT) (40 CFR 763 APP A SUBPART F SECTION1); MATERIALS SPRAYED ON EQUIPMENT/MACHINERY AND CONTAINING MORE THAN 1 PERCENT ASBESTOS ARE SUBJECT TO NOTIFICATION. NO VISIBLE EMISSIONS TO OUTSIDE AIR ARE ALLOWED. REPORTING REQUIREMENTS AND EXEMPTION FILING ARE SPECIFIED.</p> <p><u>Title</u> : NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS.</p> <p><u>Reference</u> : FEREAC,38,,8826,1973 <u>Effective Date</u> : 1973</p> <p><u>Last Amendment</u> : CFRUS*,40,61,146,1991 <u>Entry / Update</u> : FEB1992</p>
USA	REG	AIR	EMI	PRO	<p>; SUMMARY - VISIBLE EMISSIONS TO THE OUTSIDE AIR FROM CERTAIN MANUFACTURING OPERATIONS ARE PROHIBITED. METHODS FOR CLEANING EMISSIONS (40 CFR 61.152), MONITORING, INSPECTION AND RECORD-KEEPING ARE SPECIFIED.</p> <p><u>Title</u> : NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS.</p> <p><u>Reference</u> : FEREAC,38,,8826,1973 <u>Effective Date</u> : 1973</p> <p><u>Last Amendment</u> : CFRUS*,40,61,144,1991 <u>Entry / Update</u> : FEB1992</p>
USA	REG	AIR WASTE	OCC	RQR RQR	<p>; SUMMARY - EMPLOYEE EXPOSURE LIMITS PROTECTIVE MEASURES, TRAINING REQUIREMENTS, AND EMPLOYEE SURVEILLANCE ARE DEFINED FOR ASBESTOS FOR WORKERS NOT COVERED BY OSHA REGULATIONS.</p> <p><u>Title</u> : ASBESTOS ABATEMENT. SUBPART G</p> <p><u>Reference</u> : FEREAC,52,,5623,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,763,120,1991 <u>Entry / Update</u> : FEB1992</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>; SUMMARY - TOXIC SUBSTANCE SUBJECT TO INFORMATION RULES ON PRODUCTION QUANTITIES, USE EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR EACH LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : TOXIC SUBSTANCES CONTROL ACT, SECTION 8(A)</p> <p><u>Reference</u> : FEREAC,47,,26992,1982 <u>Effective Date</u> : 22JUN1982</p> <p><u>Last Amendment</u> : XCODE*,15,,2607A,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>NO LIMIT FOR PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NO LIMIT FOR CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AND HANDLED TO AVOID AIRBORNE PARTICLES.;</p> <p>SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172-HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>

Common Name : Asbestos

RTECS Number : CI6475000

CAS Number : 1332-21-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	DRINK	MPC	<p>7 MILLION FIBERS/L (>10UM) FOR COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.62.; SUMMARY - MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title :</u> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference :</u> FEREAC,40,,59570,1975 <u>Effective Date :</u> 1975</p> <p><u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AIR USE SAFET	- REMOV	PRO RQR RQR	<p>; SUMMARY - DEMOLITION/RENOVATION OPERATIONS OF COMMERCIAL BUILDINGS CONTAINING PIPES/STRUCTURES COVERED WITH ASBESTOS AS A FRIABLE MATERIAL IT IS REQUIRED THAT THE MATERIAL IS ADEQUATELY WET DURING STRIPPING AND REMAINING STAGES OF THE OPERATIONS, AND IT IS PROHIBITED TO DROP OR THROW THE MATERIAL. REPORTING REQUIREMENTS AND EMERGENCY RENOVATIONS ARE ALSO COVERED.</p> <p><u>Title :</u> NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS; SUBPART M, NATIONAL EMISSION STANDARD FOR ASBESTOS.</p> <p><u>Reference :</u> FEREAC,38,,8826,1973 <u>Effective Date :</u> 1973</p> <p><u>Last Amendment :</u> CFRUS*,40,61,145,1991 <u>Entry / Update :</u> FEB1992</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI	RQR RQR RQR RQR	<p>; SUMMARY - FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	DRINK	CLASS	<p>; SUMMARY - FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title :</u> SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference :</u> FEREAC,54,97,22140,1989 <u>Effective Date :</u> MAY221989</p> <p><u>Last Amendment :</u> FEREAC,54,97,22104,1989 <u>Entry / Update :</u> OCT1991</p>
USA	REG	MANUF SALE USE	-	RQR RQR RQR	<p>; SUMMARY - THE ADMINISTRATOR OF THE U.S. EPA FINDS THAT THERE IS A REASONABLE BASIS TO CONCLUDE THAT THE MANUFACTURE, PROCESSING, DISTRIBUTION IN COMMERCE, USE OR DISPOSAL OF THE CHEMICAL SUBSTANCE OR MIXTURE, OR THAT ANY COMBINATION OF SUCH ACTIVITIES, PRESENTS OR WILL PRESENT AN UNREASONABLE RISK OF INJURY TO HEALTH OR THE ENVIRONMENT.</p> <p><u>Title :</u> COMMERCIAL CHEMICAL CONTROL RULES</p> <p><u>Reference :</u> XCODE*,15,,2605,1991 <u>Effective Date :</u> 1JAN1977</p> <p><u>Last Amendment :</u> XCODE*,15,,2605,1991 <u>Entry / Update :</u> OCT1991</p>

Common Name : Asphalt

RTECS Number : CI9900000

CAS Number : 8052-42-4

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 5 MG/M3. (APPLIES TO ASPHALT PETROLEUM FUMES). <u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991 <u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS PRUNING PAINT. (FORMULATION: PASTE; PRESSURIZED PRODUCT; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE ASP. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title</u> : <u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991
CSK	REG	WASTE	INDST	CLASS RQR	THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE <u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 0). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIb). NO MAK VALUE ESTABLISHED. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
GBR	REG	AIR	OCC	RECL	8H-TWA: 5 MG/M3. STEL (10 MIN-TWA): 10 MG/M3. (APPLIES TO ASPHALT PETROLEUM FUMES). <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.(APPLIES TO ASPHALT PETROLEUM FUMES). <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991

Common Name : Asphalt

RTECS Number : CI9900000

CAS Number : 8052-42-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, COAL TAR/CREOSOTE, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.
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Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.

Reference : FEREAC,54,34,7740,1989 Effective Date : 1988

Last Amendment : FEREAC,54,34,7740,1989 Entry / Update : JAN1992

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, COAL TAR/CREOSOTE, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.
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Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.

Reference : FEREAC,54,34,7740,1989 Effective Date : 1988

Last Amendment : FEREAC,54,34,7740,1989 Entry / Update : JAN1992

Common Name : Asulam

RTECS Number :

CAS Number : 3337-71-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SUGARCANE: 0.01-0.1 MG/KG DEPENDING ON TYPE OF APPLICATION; SECURITY INTERVAL: 70 DAYS (DIFFERENT FOR CERTAIN USES); PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HERBICIDE. (FORMULATION: SOLUTION). CODE ASM. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES. LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	BEEF, BEEF PRODUCTS, BEEF FAT, MILK, MILK PRODUCTS: 0.1 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	USE	PESTI	RSTR	PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. <u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1196,1988 <u>Effective Date :</u> 29MCH1991 <u>Last Amendment :</u> BGZBAD,,1,796,1991 <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPINACH: 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991
GBR	REG	USE	PESTI	PRMT	APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED. <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	USE	PESTI	PRMT	APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION: NIL <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	USE	PESTI	PRMT	APPROVED FOR APPLICATION BY ULV MACHINES. SPECIFIC USES ARE LISTED. <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983

Common Name : Asulam

RTECS Number :

CAS Number : 3337-71-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : AFG**,,89,1983</p> <p><u>Effective Date</u> :</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : 1983</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, ASULAM, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989</p> <p><u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989</p> <p><u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ	DRINK	CLASS	<p>AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).</p> <p><u>Title</u> : SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS</p> <p><u>Reference</u> : FEREAC,53,,1892,1988</p> <p><u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,56,,1473,1991</p> <p><u>Entry / Update</u> : OCT1991</p>

Common Name : **Atrazine**RTECS Number : **XY5600000**CAS Number : **1912-24-9****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 5 MG/M3</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.1-0.2 MG/KG; SECURITY INTERVAL: 45 DAYS; PROVISIONAL TOXICITY CLASS: III,IV (DEPENDING ON FORMULATION) (I=MOST TOXIC;IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.</p> <p><u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,,,,1,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REC	AQ	DRINK	GL MAC	<p>INTERIM MAXIMUM ACCEPTABLE CONCENTRATION (IMAC): 0.06 MG/L. THE LEVELS ARE SET BY THE GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS HERBICIDE, SWIMMING POOL ALGICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; IMPREGNATED FABRIC; SOLUTION; SUSPENSION; TABLET; WETTABLE POWDER; SOLUBLE GRANULES) (INCLUDING RELATED ACTIVE TRIAZINES). CODE ATR. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991</p>
CSK	REG	FEED	-	MXL	<p>MXL: 0.1 MG/KG (APPLIES TO TOTAL FEEDING STUFF), 0.1-0.5 MG/KG (APPLIES TO SPECIFIC FEEDING STUFFS)</p> <p><u>Title</u> : NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference</u> : SZCSR*,,,25,609,1987 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference</u> : SPPOR*,,,,290,1990 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : Atrazine

RTECS Number : XY5600000

CAS Number : 1912-24-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 2 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA).</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.5 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.1 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED FOR APPLICATION BY 'ULV' MACHINES (APPLIES TO ATRAZINE WITH AMINOTRIAZOLE AND 2,4-D, OR WITH AMINOTRIAZOLE AND DIURON). SPECIFIC USES ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3. (TO BE REVIEWED)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : Atrazine

RTECS Number : XY5600000

CAS Number : 1912-24-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>ATRAZINE IS A PRESCRIBED SUBSTANCE (RED LIST): RELEASE INTO WATER IS PROHIBITED OR RESTRICTED. AUTHORISATION, SUBJECT TO LOCAL CONTROL, IS REQUIRED WHERE RELEASE OF PRESCRIBED SUBSTANCES INTO WATER MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: ELECTROLYTIC EXTRACTION OR RECOVERY OF ALUMINIUM; PAPER PULP AND PAPER MAKING; TREATMENT OF TEXTILES; TIMBER PROCESSING, THE TREATMENT AND PROCESSING OF ANIMAL OR VEGETABLE MATTER; PRODUCTION OF ANTIMONY, ARSENIC, BERYLLIUM, GALLIUM, INDIUM, LEAD, PALLADIUM, PLATINUM, SELENIUM, TELLURIUM OR THALLIUM & THEIR COMPOUNDS; RECOVERY PROCESSES. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 84/360/EEC.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,22,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN ATRAZINE IN CONCENTRATIONS WHICH EXCEED THOSE THAT WOULD BE PRESENT REGARDLESS OF THE ACTIVITIES WITHIN THE PREMISES FROM WHICH THE EFFLUENT IS DISCHARGED. SEWERAGE UNDERTAKERS MUST NOTIFY THE COMPETENT AUTHORITY WHERE THE DISCHARGE OF THESE EFFLUENTS MIGHT CONTAIN ATRAZINE IN CONCENTRATIONS GREATER THAN THE BACK-GROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC).</p> <p><u>Title</u> : THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1156,,2,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1629,,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.02-0.25 MG/KG.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	SOIL	-	MAC	<p>0.5 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JUN1981</p> <p><u>Last Amendment</u> : PDKPP*,2401-81,,,1981 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	AIR	AMBI	MAC	<p>0.02 MG/M3, 1X/D; 0.02 MG/M3, AV/D (CALCULATED VALUES)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,1978 <u>Entry / Update</u> : JUN1982</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.5 MG/L HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 5 UG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,1978 <u>Entry / Update</u> : JUN1982</p>

Common Name : **Atrazine**RTECS Number : **XY5600000**CAS Number : **1912-24-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.02-0.1 MG/KG. ADI = 0.004 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 2.0 MG/M3 (AEROSOL) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	FEED	-	MRL	1.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Effective Date :</u> APR1981 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.02-0.1 MG/KG. ADI = 0.004 MG/KG BW. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
SWE	REG	USE	PESTI	PRO	SUSPENDED DUE TO ITS HIGH MOBILITY IN SOIL AND POTENTIAL FOR CONTAMINATION OF WATER. <u>Title :</u> ENLIGT BESLUT AV KEMIKALIEINSPEKTIONEN. <u>Reference :</u> KEMIB*,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> ** 1989 <u>Entry / Update :</u> JAN1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	AQ	DRINK	CLASS	FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title :</u> SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference :</u> FEREAC,54,97,22140,1989 <u>Last Amendment :</u> FEREAC,54,97,22104,1989 <u>Effective Date :</u> MAY221989 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	DRINK	MPC	0.003 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61 MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title :</u> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference :</u> FEREAC,40,,59570,1975 <u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Effective Date :</u> 1975 <u>Entry / Update :</u> OCT1991

Common Name : , Atrazine

RTECS Number : XY5600000

CAS Number : 1912-24-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, ATRAZINE, 1983. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.
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Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.

Reference : FEREAC,54,34,7740,1989 Effective Date : 1988

Last Amendment : FEREAC,54,34,7740,1989 Entry / Update : JAN1992

WHO	REC	AQ AQ	DRINK PESTI	GL GL	2 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.
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Title : WHO GUIDELINES FOR DRINKING-WATER QUALITY

Reference : WHODW* ,,,,1983 Effective Date :

Last Amendment : WHODW* ,,,,1992 Entry / Update : OCT1992

Common Name : Azinphos-ethyl

RTECS Number : TD8400000

CAS Number : 2642-71-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-2 MG/KG SECURITY INTERVAL: 7-21 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC; IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,1,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991
DEU	REG	FOOD	PESTI	MRL	ALL PLANT PRODUCTS: 0.05 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). T - TOXIC, TOXIC IN CONTACT WITH SKIN (R 24). LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN; VERY TOXIC IF SWALLOWED (R 28); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFIED BY THE MANUFACTURER) (§ 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES; IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (§ 45). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992

Common Name : Azinphos-ethyl

RTECS Number : TD8400000

CAS Number : 2642-71-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 100 KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : -</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN AZINPHOS-ETHYL ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THEREQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.05 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2-4.0 MG/KG (AS THE SUM OF AZINPHOS METHYL AND AZINPHOS ETHYL). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : SEP1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->25%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 25-6% (SOLID) OR 25-2% (LIQUID). UN NOS. 2784; 3017; 3018; 2783.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,6222,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : Azinphos-ethyl

RTECS Number : TD8400000

CAS Number : 2642-71-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.05-1.0 MG/KG</p> <p><u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference :</u> SLVFS*,1983:1,,1983 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,1989 <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->25%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 25-6% (SOLID) OR 25-2% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,162,1989 <u>Entry / Update :</u> MAY1986</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=100/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, T HE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Azinphos-methyl

RTECS Number : TE1925000

CAS Number : 86-50-0

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 0.2 MG/M3. SKIN ABSORPTION. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REC	AQ	DRINK	GL MAC	MAC: 0.02 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	AIR	OCC	TLV	TWA: 0.2 MG/M3; SKIN ABSORPTION. PRESCRIBEDBY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, RESTRICTED, MANUFACTURING USE AS INSECTICIDE;ACARICIDE (MITE CONTROL). (FORMULATION: DUST OR POWDER; EMULSIFIABLE CONCENTRATE OR EMULSION; WETTABLE POWDER). CODE GOO. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS AREADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER ORGANOPHOSPHORUS PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.2-5 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BYTHE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDSOF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 13SEP1979 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991

Common Name : Azinphos-methyl

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Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER ORGANOPHOSPHORUS PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO MIXTURE) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
DEU	REC	AQ USE	-	CLASS RQR	INDST THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 0.2 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 2 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD ,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.5 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	RQR CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
DEU	REG	SAFTY	INDST	RQR	RQR THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991

Common Name : Azinphos-methyl

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CAS Number : 86-50-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN AZINPHOS-METHYL ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THEREQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.5 MG/KG; PLANT (SPECIFIED):1 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24). LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN (R 24); VERY TOXIC IF SWALLOWED (R 28); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 100 KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.0025 MG/KG BW; MRL: ALMOND HULLS: 10 MG/KG; GRAPES, KIWI FRUIT (IN WHOLE FRUIT), PEACHES: 4 MG/KG; ALFALFA, APRICOTS, CELERY, CITRUS FRUIT, MELONS, PEA VINES, SOYBEAN VINES: 2 MG/KG; BROCCOLI, BRUSSELS SPROUTS, FRUIT (EXCEPT AS OTHERWISE LISTED): 1 MG/KG; VEGETABLES (EXCEPT AS OTHERWISE LISTED): 0.5 MG/KG; KIWI FRUIT (IN EDIBLE PART): 0.4 MG/KG; ALMONDS (SHELL-FREE BASIS), CEREAL GRAINS, COTTONSEED, POTATOES, SOYBEANS (DRY), SUNFLOWER SEED: 0.2 MG/KG (RESIDUES EXPRESSED AS AZINPHOS-METHYL; WHERE AZINPHOS-ETHYL ALSO OCCURS THE TOTAL RESIDUE SHOULD NOT EXCEED THE LEVELS RECOMMENDED FOR AZINPHOS-METHYL EXCEPT IN THE CASE OF TOMATOES, WHERE THE TOTAL SHOULD NOT EXCEED 1 MG/KG)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,2-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	USE	PESTI	RQR	<p>AN OVERALL, RUBBER GLOVES & FACE-SHIELD MUST BE WORN WHEN HANDLING OR COMING INTO CONTACT WITH THE CONCENTRATE. FULL PROTECTIVE CLOTHING, I.E. OVERALL, HOOD, RUBBER GLOVES AND A RESPIRATOR IS NEEDED WHEN APPLYING AEROSOLS OR ATOMISING FLUIDS IN GLASS OR MUSHROOM HOUSES</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN INSECTICIDE AND ACARICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED. (APPLIES TO AZINPHOS-METHYL WITH DEMETON-S-METHYL SULFONE)</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>

Common Name : Azinphos-methyl

RTECS Number : TE1925000

CAS Number : 86-50-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	CLASS SALE		CLASS RSTR	<p>POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST</p> <p><u>Title :</u> THE POISONS LIST ORDER 1982</p> <p><u>Reference :</u> GBRSI*,217,,1,1982 <u>Effective Date :</u> 1APR1982</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
GBR	REG	SALE		RSTR	<p>POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS (GBRSI* 218.1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1986</p> <p><u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986</p>
GBR	REG	SALE STORE		RSTR RQR	<p>A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI* 218.1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1986</p> <p><u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,1,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,1,1990 <u>Entry / Update :</u> SEP1992</p>
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN AZINPHOS-METHYL IN CONCENTRATIONS WHICH EXCEED THOSE THAT WOULD BE PRESENT REGARDLESS OF THE ACTIVITIES WITHIN THE PREMISES FROM WHICH THE EFFLUENT IS DISCHARGED. SEWERAGE UNDERTAKERS MUST NOTIFY THE COMPETENT AUTHORITY WHERE THE DISCHARGE OF THESE EFFLUENTS MIGHT CONTAIN AZINPHOS-METHYL IN CONCENTRATIONS GREATER THAN THE BACK-GROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC).</p> <p><u>Title :</u> THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,1156,,2,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> GBRSI*,1629,,1,1990 <u>Entry / Update :</u> 1992</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2-4.0 MG/KG (AS THE SUM OF AZINPHOS METHYL AND AZINPHOS ETHYL). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference :</u> GBRSI*,1378,,1,1988 <u>Effective Date :</u> 02AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>AZINPHOS METHYL IS A PRESCRIBED SUBSTANCE (RED LIST): RELEASE INTO WATER IS PROHIBITED OR RESTRICTED. AUTHORISATION, SUBJECT TO LOCAL CONTROL, IS REQUIRED WHERE RELEASE OF PRESCRIBED SUBSTANCES INTO WATER MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: ELECTROLYTIC EXTRACTION OR RECOVERY OF ALUMINIUM; PAPER PULP AND PAPER MAKING; TREATMENT OF TEXTILES; TIMBER PROCESSING, THE TREATMENT AND PROCESSING OF ANIMAL OR VEGETABLE MATTER; PRODUCTION OF ANTIMONY, ARSENIC, BERYLLIUM, GALLIUM, INDIUM, LEAD, PALLADIUM, PLATINUM, SELENIUM, TELLURIUM OR THALLIUM & THEIR COMPOUNDS; RECOVERY PROCESSES. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 84/360/EEC.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,22,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>

Common Name : Azinphos-methyl

RTECS Number : TE1925000

CAS Number : 86-50-0

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GBR	REG	AIR	OCC	OES	8H-TWA: 0.2 MG/M3. STEL (10 MIN-TWA): 0.6 MG/M3. SKIN ABSORPTION <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
GBR	REG	SALE		RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1986 <u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 10-2% (SOLID) OR 10-1% (LIQUID). UN NOS. 2784; 3017; 3018; 2783. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,,6222,1990 <u>Entry / Update</u> : JAN1991
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REponsibilities UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG. <u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.5-4.0 MG/KG. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.2 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.6 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.2 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991

Common Name : Azinphos-methyl

RTECS Number : TE1925000

CAS Number : 86-50-0

Area Type Subject Spec. Description Level / Summary Information :

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RUS	REG	USE	AGRIC	PRO	NOT APPROVED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH* ,,, <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE. <u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference :</u> PFBEK* ,,,1991 <u>Last Amendment :</u> <u>Effective Date :</u> **APR1992 <u>Entry / Update :</u> JAN1992
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.2-1.0 MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 10-2% (SOLID) OR 10-1% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG* ,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REC	SAFTY USE	OCC OCC	MXL MXL	20 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,42,1990 <u>Last Amendment :</u> XPHPAW,90,117,42,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.2 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH* ,,,11,1989 <u>Last Amendment :</u> ACGIH* ,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991

Common Name : Azinphos-methyl

RTECS Number : TE1925000

CAS Number : 86-50-0

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USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=10/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, AZINPHOS-METHYL, 1986. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS IN ACC ORDANCE TO 49 CFR 173.365. ALL SHIPMENTS MUST BE LABELED POISON. MIXTURE LIQUID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 0.5 PINTS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF AZINPHOS METHYL GREATER THAN 13.5% ARE RESTRICTED FOR ALL USES. OTHER FORMULATIONS ARE UNDER EVALUATION. (UNDER EVALUATION MEANS THAT NO CLASSIFICATION HAS BEEN MADE AND THE USE/FORMULATION IN QUESTION IS STILL UNDER ACTIVE REVIEW WITHIN EPA.)THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR.</p> <p><u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE</p> <p><u>Reference</u> : FEREAC,43,,5790,1978 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : CFRUS*,40,152,175,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Azothoate**

RTECS Number :

CAS Number : **5834-96-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
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Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)Reference : BGZBAD,,I,1931,1991 Effective Date : 15JUN1991Last Amendment : Entry / Update : APR1992

EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 29/22); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).
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Title : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCESReference : OJEC**,196,,1,1967 Effective Date : 1JUL1992Last Amendment : OJEC**,L 180,,79,1991 Entry / Update : APR1992

Common Name : **Barban**

RTECS Number :

CAS Number : **101-27-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1985. CODE BAR. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF BARBAN AND CHLORBUFAM TOGETHER WITH DEGRADATION AND REACTION PRODUCTS CONTAINING STILL THE 3-CHLOROANILINE GROUP, CALCULATED AS 3-CHLOROANILINE.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS II, I.E. WHEN SOLID: AS HARMFUL AT CONCS. > 50-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. > 25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference :</u> OJEC**,L206,,13,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OJEC**,L144,,1,1984 <u>Entry / Update :</u> APR1986</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.05 MG/KG; PLANT(SPECIFIED):0.1 MG/KG (CALCULATED AS THE SUM OF BARBAN, CHLORPROPHAM AND CHLORBUFAM, EXPRESSED AS 3-CHLOROANILINE)</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference :</u> OJEC**,L340,,34,1976 <u>Effective Date :</u> 01JUL1984</p> <p><u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Entry / Update :</u> APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); AVOID CONTACT WITH SKIN (S 24); WEAR SUITABLE PROTECTIVE CLOTHING (S 36).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-1.0 MG/KG; ADI = 0.02 MG/KG (CALCULATED VALUE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1983</p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,1983 <u>Entry / Update :</u> OCT1985</p>

Common Name : **Barban**

RTECS Number :

CAS Number : **101-27-9**

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (AEROSOL) HAZARD CLASS: II
<p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988</p> <p><u>Effective Date :</u> 01JAN1989</p> <p><u>Entry / Update :</u> MAY1990</p>					
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.
<p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,,1987</p> <p><u>Effective Date :</u> 1JAN1986</p> <p><u>Entry / Update :</u> NOV1987</p>					
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME BARBAN; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESID UES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference :</u> FEREAC,54,100,22706,1989</p> <p><u>Last Amendment :</u> FEREAC,54,100,22706,1989</p> <p><u>Effective Date :</u> 1988</p> <p><u>Entry / Update :</u> JAN1992</p>

Common Name : Barium

RTECS Number : CQ8370000

CAS Number : 7440-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.5 MG/M3. (APPLIES TO SOLUBLE BARIUM COMPOUNDS).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>INTERIM MAXIMUM ACCEPTABLE CONCENTRATION (IMAC) - 1.0 MG/L. PROPOSED LEVEL ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 1.0 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO ITS WATER-SOLUBLE COMPOUNDS)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER PYROPHORIC METALS, N.O.S., ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO BARIUM POWDER, PYROPHORIC)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>

Common Name : Barium

RTECS Number : CQ8370000

CAS Number : 7440-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1400. CLASS (4.3): DANGEROUS WHEN WET. SPECIAL PROVISIONS: 99. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>SOLUBLE COMPOUNDS, AS BA - TWA: 0.5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA TOYS, EQUIPMENT AND OTHER PRODUCTS FOR USE BY A CHILD IN LEARNING OR PLAY THAT HAVE APPLIED TO THEM A DECORATIVE OR PROTECTIVE COATING THAT CONTAINS BARIUM INTRODUCED AS SUCH IF MORE THAN 0.1 PERCENT OF SUCH COMPOUNDS DISSOLVES IN FIVE PERCENT HYDROCHLORIC ACID AFTER STIRRING FOR TEN MINUTES AT 20 DEGREES CENTIGRADE. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON (APPLIES TO BARIUM AND ITS COMPOUNDS EXCEPT BARIUM SULFATE, WHICH IS NOT POISON).</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS. (APPLIES TO BARIUM AND ITS COMPOUNDS EXCEPT BARIUM SULFATE)</p> <p><u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference :</u> HPMZC*,32,,1970 <u>Effective Date :</u> 1JAN1971</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>1.0 MG/L (APPLIES TO BARIUM AND ITS COMPOUNDS)</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Barium

RTECS Number : CQ8370000

CAS Number : 7440-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 1.0 MG/M3; AVERAGE VALUE; 4X/SHIFT. APPLIES TO SOLUBLE BARIUM COMPOUNDS AS BA.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ	GRND	CLASS	<p>BARIUM AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>1 MG/L (CALCULATED AS BA) CORRESPONDING TO ABOUT 7 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.2 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC: -, GL: 100UG BA/L (ATOMIC ABSORPTION) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	FOOD	ADDIT	MXL	<p>NO DETECTABLE QUANTITIES OF THIS SUBSTANCE MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR BARIUM IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.1 MG BA/L FOR SIMPLE WATER TREATMENT METHODS AND 1 MG BA/L FOR NORMAL AND INTENSIVE METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)</p> <p><u>Reference</u> : OJEC**,L194,,26,1975 <u>Effective Date</u> : 25JUL1977</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION:A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Barium

RTECS Number : CQ8370000

CAS Number : 7440-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO BARIUM COMPOUNDS EXCLUDING BARIUM SULFATE).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR BARIUM INSURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS AAS. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p><u>Reference</u> : OJEC**,L271,,44,1979 <u>Effective Date</u> : 09OCT1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AIR	OCC	ILV	<p>0,5 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); THE LIMIT VALUE, EXPRESSED AS BARIUM, IS MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. EXISTING SCIENTIFIC DATA ON HEALTH EFFECTS APPEAR TO BE PARTICULARLY LIMITED. (APPLIES TO SOLUBLE BARIUM COMPOUNDS).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC).</p> <p><u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>1000UG BA/L AS MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OVER THE PRECEDING 12 MONTHS IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	SALE STORE		RSTR RQR	<p>POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS ARE MADE REGARDING PERSONS TO WHOM THE POISON MAY BE SOLD AND FOR THE KEEPING OF RECORDS OF SALES. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO BARIUM SALTS EXCEPT BARIUM SULFATE AND ARTICLES CONTAINING BARIUM CARBONATE WHEN PREPARED FOR THE DESTRUCTION OF RATS OR MICE) (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>
GBR	REG	CLASS SALE		CLASS RSTR	<p>POISONOUS SUBSTANCE WHICH, WHERE IT IS A NON-MEDICAL POISON, IS NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS. (APPLIES TO SALTS OF BARIUM EXCEPT BARIUM SULPHATE, BARIUM CARBONATE, AND BARIUM SILICOFLOURIDE)</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBRSI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	WASTE		RQR	<p>ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THIS SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING BARIUM COMPOUNDS.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980</p> <p><u>Reference</u> : GBRSI*,1709,,,1980 <u>Effective Date</u> : 16MCH1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1986</p>

Common Name : Barium

RTECS Number : CQ8370000

CAS Number : 7440-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>PRESCRIBES A MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OF 1000UG BA/L OVER THE PRECEDING 12 MONTHS IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,1147,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> GBRSI*,1837,,1991 <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ AQ	SURF DRINK	CLASS RQR	<p>IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW1 WHERE THE CONCENTRATION DOES NOT EXCEED 0.1 MG/L BA, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 1.0 MG/L BA, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 1.0 MG/L BA, PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC.</p> <p><u>Title :</u> THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference :</u> GBRSI*,1148,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	GOODS SAFTY	CONSM CONSM	HLV HLV	<p>FOR THE PROTECTION OF CHILDREN'S HEALTH, BIOAVAILABILITY RESULTING FROM THE USE OF TOYS MUST NOT EXCEED 25.0 UG/DAY. THIS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/378/EEC.</p> <p><u>Title :</u> THE TOY (SAFETY) REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,1275,,7,1989 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.5 MG/M3 - STEL (10 MIN-TWA): 1.5 MG/M3 - OF SOLUBLE BARIUM COMPOUNDS, AS BA. SKIN ABSORPTION.</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ	DRINK	RQR	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THERELEVANT AUTHORITIES GIVING THE CONCENTRATIONOF BARIUM EXPRESSED AS BA MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.</p> <p><u>Title :</u> THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference :</u> GBRSI*,71,,1985 <u>Effective Date :</u> 21FEB1985</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1986</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUMDANGER/MINOR DANGER. (APPLIES TO BARIUM COMPOUNDS). UN NO. 1564</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO BARIUM ALLOYS, PYROPHORIC). UN NO. 1854</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.3 = SUBSTANCE WHICH IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1400.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>

Common Name : Barium

RTECS Number : CQ8370000

CAS Number : 7440-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO WATER SOLUBLE BARIUM COMPOUNDS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 10 KG/YEAR (CALCULATED AS BA) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN.</p> <p><u>Title :</u> THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989</p> <p><u>Reference :</u> GAZIN*,465,,1,1989 <u>Effective Date :</u> 28JUL1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.1 MG/L (APPLIES TO BARIUM AND ITS COMPOUNDS, CALCULATED AS BARIUM) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.05 MG/M3 ((APPLIES TO SOLUBLE COMPOUNDS, CALCULATED AS BA)</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 4.3 = SUBSTANCE WHICH IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1400.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO BARIUM COMPOUNDS). UN NO. 1564.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO BARIUM ALLOYS, PYROPHORIC). UN NO. 1854</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 MG/M3 /BARIUM. SOL AS BA/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>

Common Name : Barium

RTECS Number : CQ8370000

CAS Number : 7440-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). (APPLIES ALSO TO ITS COMPOUNDS) <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	100.0 MG/L. THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS. <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY. <u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992
USA	REG	AQ	DRINK	MPC	2 MG/L FOR COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.62. COMPLIANCE IS CALCULATED PURSUANT TO 40 CFR 141.23. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975 <u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	DRINK	CLASS	FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. (APPLIES ALSO TO ITS COMPOUNDS) <u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989 <u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	CONSM	MPC	1.0 MG/LBOTTLED WATER SHALL, WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN 21 CFR 103.35(D) (1) (II), MEET STANDARDS OF CHEMICAL QUALITY AND SHALL NOT CONTAIN CHEMICAL SUBSTANCES IN EXCESS OF THE FOLLOWING CONCENTRATIONS. <u>Title</u> : FEDERAL FOOD, DRUG AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS: BOTTLED WATER <u>Reference</u> : FEREAC,42,,14325,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,103,35,1989 <u>Entry / Update</u> : NOV1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	CONCENTRATION LIMITS IN GROUND WATER FOR HAZARDOUS CONSTITUENTS, ESTABLISHED UNDER SEC 264.93, MUST NOT EXCEED THE BACKGROUND LEVEL SET AT THE INITIAL TESTING. IF THE BACKGROUND LEVEL AT THE INITIAL TESTING TIME IS BELOW 1.0 MG/L THIS SUBSTANCE MUST NOT EXCEED 1.0 MG/L IN FUTURE TESTING 40 CFR 264.94 (1990) THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991
WHO	REC	AQ	DRINK	GL	0.7 MG/L <u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference</u> : WHODW*,,,,1983 <u>Effective Date</u> : <u>Last Amendment</u> : WHODW*,,,,1992 <u>Entry / Update</u> : OCT1992

Common Name : Barium Carbonate

RTECS Number : CQ8600000

CAS Number : 513-77-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); AVOID CONTACT WITH SKIN AND EYES (S 24/25).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
GBR	REG	CLASS SALE		CLASS RSTR	<p>POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER.</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBRSI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	SALE		RSTR	<p>SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF PREPARATIONS FOR THE DESTRUCTION OF RATS OR MICE. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>

Common Name : Barium Carbonate

RTECS Number : CQ8600000

CAS Number : 513-77-9

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AIR	AMBI	MAC	0.004 MG/M3 AV/D (CALCULATED AS BARIUM)			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	AUG1984
					<u>Last Amendment :</u>	PDKAV*,3086-84,,,1984	<u>Entry / Update :</u>	SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (AEROSOL) HAZARD CLASS: II			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	01JAN1989
					<u>Last Amendment :</u>	GOSTS*,12.1.005,,,1988	<u>Entry / Update :</u>	MAY1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.5 MG/M3 /BARIUM SOLUBLE COMPOUNDS, AS BA/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.			
					<u>Title :</u>	THRESHOLD LIMIT VALUES		
					<u>Reference :</u>	ACGIH*,,,11,1989	<u>Effective Date :</u>	1989
					<u>Last Amendment :</u>	ACGIH*,,,11,1991	<u>Entry / Update :</u>	DEC1991

Common Name : Barium Chlorate

RTECS Number : FN9770000

CAS Number : 13477-00-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1445. CLASS (5.1): OXIDIZER; CLASS (6.1): POISONOUS. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 25 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO BARIUM CHLORATE IN SOLUTION OR WETTED)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
DEU	REC	AQ USE	-	INDST CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: O - OXIDIZING; EXPLOSIVE WHEN MIXED WITH COMBUSTIBLE MATERIAL (R 9). XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). LABEL: O - OXIDIZING; XN - HARMFUL; EXPLOSIVE WHEN MIXED WITH COMBUSTIBLE MATERIAL (R 9); HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD GROUP: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). SUBSIDIARY RISK LABEL: POISON. (APPLIES TO BARIUM CHLORATE, SOLID OR SOLUTION).UN NO. 1445</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD GROUP: 5.1 = OXIDIZING SUBSTANCE. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1445</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>

Common Name : Barium Chlorate

RTECS Number : FN9770000

CAS Number : 13477-00-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	1100 MG/M3 /BARIUM (SOL CMPD AS BA) <i>Title :</i> POCKET GUIDE TO CHEMICAL HAZARDS <i>Reference :</i> XPHPAW,90,117,56,1990 <i>Effective Date :</i> JUN1990 <i>Last Amendment :</i> XPHPAW,90,117,56,1990 <i>Entry / Update :</i> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.5 MG/M3 /BARIUM SOLUBLE COMPOUNDS, AS BA/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <i>Title :</i> THRESHOLD LIMIT VALUES <i>Reference :</i> ACGIH*,,,11,1989 <i>Effective Date :</i> 1989 <i>Last Amendment :</i> ACGIH*,,,11,1991 <i>Entry / Update :</i> DEC1991
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE SEPARATED FROM AMMONIUM COMPOUNDS AND STOWED AWAY FROM POWDERED METALS. WET: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE SEPARATED FROM AMMONIUM COMPOUNDS AND STOWED AWAY FROM POWDERED METALS. ALL SHIPMENTS MUST BE LABELED OXIDIZER.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <i>Title :</i> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <i>Reference :</i> CFRUS*,49,172,101,1984 <i>Effective Date :</i> OCT1991 <i>Last Amendment :</i> CFRUS*,49,172,101,1990 <i>Entry / Update :</i> NOV1991

Common Name : Barium Chloride

RTECS Number : CQ8750000

CAS Number : 10361-37-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.3 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.5 MG/M3 /BARIUM SOLUBLE COMPOUNDS, AS BA/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	250 MG/M3 /BARIUM (SOL CMPD AS BA)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,44,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,44,1990 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991

Common Name : Barium Nitrate

RTECS Number : CQ9625000

CAS Number : 10022-31-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1446. CLASS (5.1): OXIDIZER; CLASS (6.1): POISONOUS. PACKING GROUP II, (I=GREAT DANGER,III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 25 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD GROUP: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER- III=MINOR DANGER). SUBSIDIARY RISK LABEL: POISON. UN NO. 1446 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD GROUP: 5.1 = OXIDIZING SUBSTANCE. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE.PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1446 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.5 MG/M3 /BARIUM SOLUBLE COMPOUNDS, AS BA/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991

Common Name : Barium Nitrate

RTECS Number : CQ9625000

CAS Number : 10022-31-8

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	SAFTY USE	OCC OCC	MXL MXL	1100 MG/M3 /BARIUM (SOL CMPD AS BA)/
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Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,44,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,44,1990Entry / Update : OCT1991

USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED OXIDIZER. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.
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Title : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONSReference : CFRUS*,49,172,101,1984Effective Date : OCT1991Last Amendment : CFRUS*,49,172,101,1990Entry / Update : NOV1991

Common Name : **Bendiocarb**RTECS Number : **FC1140000**CAS Number : **22781-23-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD	-	AL	RICE : 0.05 MG/KG <u>Title :</u> CATALOGO DOS DEFENSIVOS AGRICOLAS <u>Reference :</u> CDABR*,2,,65,1980 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.02 MG/KG; SECURITY INTERVAL: 80-130 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REC	AQ	DRINK	GL MAC	MAC: 0.04 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQEQ,,,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR DOMESTIC, RESTRICTED, MANUFACTURING, COMMERCIAL USE AS INSECTICIDE, ACARICIDE. (FORMULATION: DUST OR POWDER; SOLID; SOLUTION; WETTABLE POWDER). CODE BDC. THE PEST CONTROL PRODUCTS ACT ANDREGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLYREGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990 <u>Last Amendment :</u> SZCSR*,,,33,762,1990 <u>Entry / Update :</u> DEC1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	USE	PESTI	RSTR	PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. <u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1196,1988 <u>Effective Date :</u> 29MCH1991 <u>Last Amendment :</u> BGZBAD,,1,796,1991 <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05 - 0.3 MG/KG. OTHER PLANT PRODUCTS: 0.02 MG/KG. APPLIES TO THE SUM OF BENDIOCARB AND NC 7312, CALCULATED AS BENDIOCARB. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991

Common Name : **Bendiocarb**RTECS Number : **FC1140000**CAS Number : **22781-23-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.004 MG/KG BW; MRL: RICE STRAW: 1 MG/KG; CATTLE KIDNEY: 0.2 MG/KG; MUSHROOMS: 0.1 MG/KG; BARLEY, BARLEY STRAW, CARCASE MEAT OF CATTLE, CATTLE FAT, CATTLE MEAT BY-PRODUCTS (EXCEPT KIDNEY), EGGS, MAIZE, MAIZE FODDER AND FORAGE, MILK, OAT STRAW, OATS, POTATOES, POULTRY FAT, POULTRY MEAT, POULTRY BY-PRODUCTS, SUGAR BEET TOPS, SUGAR BEETS, WHEAT, WHEAT STRAW: 0.05 MG/KG; POME FRUIT: 0.02 MG/KG (EXPRESSED AS UNCONJUGATED BENDIOCARB IN COMMODITIES OF PLANT ORIGIN AND AS SUM OF CONJUGATED AND UNCONJUGATED BENDIOCARB, 2,2-DIMETHYL-1,3-BENZOXODIOL-4-OL AND N-HYDROXYMETHYL-BENDIOCARB IN COMMODITIES OF ANIMAL ORIGIN) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,137-IV,1986 <u>Entry / Update :</u> APR1991
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.004 MG/KG BW; MRL: MAIZE, MAIZE FODDER AND FORAGE, POTATOES, SUGARBEET, SUGARBEET LEAVES: 0.05 MG/KG; TEMPORARY MRL: RICE STRAW: 1 MG/KG; CATTLE KIDNEY: 0.2 MG/KG; MUSHROOMS: 0.1 MG/KG; BEET ROOT, CATTLE-CARCASE MEAT, CATTLE FAT, CATTLE MEAT BY-PRODUCTS (EXCEPT KIDNEY), EGGS, MILK, POULTRY-MEAT, POULTRY FAT, POULTRY BY-PRODUCTS: 0.05 MG/KG; (LEVELS REFER TO UNCONJUGATED BENDIOCARB IN COMMODITIES OF PLANT ORIGIN, AND TO THE SUM OF CONJUGATED AND UNCONJUGATED BENDIOCARB, 2,2-DIMETHYL-1,3-BENZOXODIOL-4-OL AND N-HYDROXYMETHYL-BENDIOCARB, EXPRESSED AS BENDIOCARB IN COMMODITIES OF ANIMAL ORIGIN). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1985 <u>Last Amendment :</u> FPPPDD,99,,65,1985 <u>Entry / Update :</u> JUL1990
GBR	REG	USE	PESTI	PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100-65%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 65-15% (SOLID) OR 65-5% (LIQUID). UN NOS. 2758; 2991; 2992; 2757 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100-65%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 65-15% (SOLID) OR 65-5% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,162,1989 <u>Entry / Update :</u> MAY1986
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, BENDIOCARB, 1987. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992

Common Name : **Benfluralin**RTECS Number : **XU4550000**CAS Number : **1861-40-1**Area Type Subject Spec. Description Level / Summary Information :

CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	PEANUTS, SALAD: 0.05 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 2.5 MG/M3 /FLUORIDES, AS F/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME BENFLURALIN THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESID UES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992

Common Name : Benomyl

RTECS Number : DD6475000

CAS Number : 17804-35-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 10 MG/M3 (0.8 PPM) <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT-RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972; HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
ARG	REG	FOOD	-	MXL	APPLES AND PEARS: 5 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 17NOV1978 <u>Last Amendment :</u> ARESA*,786,,,1978 <u>Entry / Update :</u> 1982
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-35 MG/KG; SECURITY INTERVAL: 1-35 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS FUNGICIDE (AGRICULTURAL); INSECTICIDE. (FORMULATION: SOLUTION). CODE BML. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS. MRL = 0.5-10 PPM OF BENOMYL, CARBENDAZIM AND THIOPHANATE METHYL. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 08MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	AIR	OCC	TLV	TWA: 0.8 PPM, 10 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991

Common Name : **Benomyl**RTECS Number : **DD6475000**CAS Number : **17804-35-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 - 7.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF BENOMYL, CARBENDAZIM AND THIOPHANAT METHYL; CALCULATED AS CARBENDAZIM.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: MUTA.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.02 MG/KG BW. MRL: BEAN FODDER, HOPS (DRY): 50 MG/KG; PINEAPPLES: 20 MG/KG; RICE STRAW: 15 MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, PEACHES, SUGARBEET TOPS: 10 MG/KG; BERRIES AND OTHER SMALL FRUIT, CARROTS, LETTUCE, PEANUT FODDER, PEPPERS, POME FRUIT, TOMATOES, WHEAT STRAW: 5 MG/KG; POTATOES: 3 MG/KG; BARLEY STRAW, BEANS (DRY), CELERY, COMMON BEANS, GHERKINS, MANGOES, MELONS, NECTARINES, ONIONS, PLUMS, PRUNES: 2 MG/KG; BANANAS, MUSHROOMS, SWEET POTATOES: 1 MG/KG; AVOCADOS, BRUSSELS SPROUTS, CEREAL GRAINS, CUCUMBERS, EGGPLANT, SQUASH: 0.5 MG/KG; SOYBEANS (DRY): 0.2 MG/KG; ASPARAGUS, COFFEE BEANS(RAW), EGGS (SHELL-FREE), MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, RUTABAGAS, SOYBEAN FODDER, SUGAR BEET, TARO, TREE NUTS: 0.1 MG/KG. (AFTER TREATMENT WITH BENOMYL OR CARBENDAZIM, CALCULATED AND EXPRESSED AS CARBENDAZIM).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FPPDD,92,,56,1988 <u>Entry / Update</u> : JUL1990</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.1-10.0 MG/KG FOOD (AS CARBENDAZIM). (APPLIES TO RESIDUES ARISING FROM THE USE OF BENOMYL, THIOPHANATE-METHYL AND CARBENDAZIM). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3. STEL (10 MIN-TWA): 15 MG/M3</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>

Common Name : Benomyl

RTECS Number : DD6475000

CAS Number : 17804-35-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.2-15.0 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 (0.8 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 15 MG/M3 (1.3 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REC	FOOD EXPR IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.1-0.5 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,,1984 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC CLASS	0.5 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	OCC	PSL	0.01 MG/M3 (AEROSOL) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 00APR1988 <u>Last Amendment :</u> OBUVR*,4613-88,,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	AMBI	MAC	0.35 MG/M3 1X/D; 0.05 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE: PROHIBITED FOR USE ON COVERED GROUND, COTTON PLANTS, FRUIT AND VEGETABLES, SOYA, VINES, STRAWBERRIES AND CURRANTS. THE FREQUENCY AND CONSUMPTION OF USE PERMITTED IN INTENSIVE GRAIN PRODUCTION HAS BEEN REDUCED. EXPANSION OF CURRENT AREAS OF USE PROHIBITED SINCE 1981. REASONS FOR THE CONTROL ACTION: CARCINOGENIC, MUTAGENIC, TERATOGENIC, EMBRYO TOXIC AND GONADOTOXIC PROPERTIES. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,1987 <u>Entry / Update :</u> AUG1988

Common Name : Benomyl

RTECS Number : DD6475000

CAS Number : 17804-35-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-0.5 MG/KG; ADI = 0.02 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.84 PPM, 10 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, BENOMYL, 1987. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : Benzaldehyde

RTECS Number : CU4375000

CAS Number : 100-52-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER ALDEHYDES, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CSK	REG	FOOD	-	MPC	LIMIT OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.4G/KG. <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986 <u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REC	AQ USE	-	CLASS RQR	INDST THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	RQR CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992

Common Name : Benzaldehyde

RTECS Number : CU4375000

CAS Number : 100-52-7

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); AVOID CONTACT WITH SKIN (S 24).
					<p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3 (Z)
					<p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
RUS	REG	AIR	OCC	MAC CLASS	CLV: 5.0 MG/M3 (VAPOUR) HAZARD CLASS: III
					<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AQ	SURF	MAC CLASS	0.003 MG/L HAZARD CLASS: IV
					<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	NO LIMIT FOR PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NO LIMIT FOR CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.
					<p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME BENZALDEHYDE THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES.
					<p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C.</p> <p><u>Reference</u> : FEREAC,54,140,30846,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Benzene

RTECS Number : CY1400000

CAS Number: 71-43-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 30 MG/M3 (10 PPM). POTENTIAL CARCINOGEN. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	AIR	OCC	AL	24 MG/M3 (8 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM) <u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE) <u>Reference :</u> SMTBR*,3,,,1980 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982
CAN	REC	AQ	DRINK	GL MAC	MAC: 0.005 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REC	WASTE AQ	EMI	GL	THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.015 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICALFACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES. <u>Title :</u> <u>Reference :</u> CCMEEC,,,,1989 <u>Effective Date :</u> AUG1989 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CAN	REG	AIR	OCC	TLV	TWA: 10 PPM, 30 MG/M3. SUSPECTED HUMAN CARCINOGEN; WORKER EXPOSURE BY ALL ROUTES SHALL BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1114. CLASS (3.2): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991

Common Name : Benzene

RTECS Number : CY1400000

CAS Number : 71-43-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT TOYS, EQUIPMENT OR OTHER PRODUCTS FOR CHILDREN FOR USE BY A CHILD IN LEARNING OR PLAY CONTAINING BENZENE WHERE BENZENE CAN UNDER REASONABLY FORESEEABLE CIRCUMSTANCES BECOME ACCESSIBLE TO A CHILD OR WHERE THE SUBSTANCE IS A FILLING THAT MAY BE RELEASED ON BREAKAGE OR LEAKAGE. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	MANUF	OCC	CLASS RQR RSTR	<p>PRODUCTION AND INDUSTRIAL PROCESSING OF BENZENE IS CLASSIFIED AS PROCESS WITH OCCUPATIONAL CARCINOGENIC RISK. REQUIREMENTS AND RESTRICTIONS ON THE PROCESS ARE GIVEN.</p> <p><u>Title :</u> DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference :</u> VMZSR*,3,,1985 <u>Effective Date :</u> 1APR1985</p> <p><u>Last Amendment :</u> VMZSR*,10,98,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.01 MG/L</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 10.0 MG/M3; CLV: 20.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>

Common Name : Benzene

RTECS Number : CY1400000

CAS Number : 71-43-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REC	AIR	OCC	MAK	<p>DANGER OF CUTANEOUS ABSORPTION. CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. VAPOUR PRESSURE: 10.1 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 5 ML/M3; 16 MG/M3. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRRLICHE STOFFE")</p> <p><u>Reference</u> : BNDS6,,2,120,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : BNDS6,,11,52,1991 <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	SALE USE	-	PRO PRO	<p>BENZENE AND PREPARATIONS WITH A MASS CONTENT OF >= 0.1% OF BENZENE MAY NOT BE MARKETED OR USED. SOME EXCEPTIONS FROM THE PROHIBITION (E.G. FOR FUEL) ARE MENTIONED.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS III CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS III CARCINOGENS MUST NOT EXCEED 5 MG/M3 AT A MASS FLOW OF >= 25 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Benzene

RTECS Number : CY1400000

CAS Number : 71-43-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	GOODS USE	-	MXL MXL	<p>NOT PERMITTED IN TOYS OR PARTS OF TOYS AS PLACED ON THE MARKET WHERE THE CONCENTRATION OF BENZENE IN THE FREE STATE IS IN EXCESS OF 5 MG/KG OF THE WEIGHT OF THE TOY OR PART OF THE TOY. MAY NOT BE USED IN CONCENTRATIONS EQUAL TO, OR GREATER THAN, 0,1 % BY MASS IN SUBSTANCES OR PREPARATIONS PLACED ON THE MARKET EXCEPT IN SITUATIONS COVERED BY OTHER DIRECTIVES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	GOODS GOODS	FUEL FUEL	MPC RQR	<p>MEMBER STATES SHALL, AS SOON AS THEY CONSIDER IT APPROPRIATE, REDUCE THE MAXIMUM PERMITTED LEAD CONTENT IN LEADED PETROL TO 0.15G PB/L. THEY SHALL ENSURE THE AVAILABILITY AND BALANCED DISTRIBUTION OF UNLEADED PETROL FROM 1 OCT1989. UNTIL 1 APRIL 1990 THEY MAY ALLOW THE CONTAMINATION OF UNLEADED PETROL BY LEAD COMPOUNDS TO EXCEED 0.013G PB/L PROVIDED IT DOES NOT EXCEED 0.020G PB/L. FROM 1 OCT 1989 THE BENZENE CONTENT OF LEADED AND UNLEADED PETROL SHALL NOT EXCEED 5.0% BY VOLUME. AT LEAST ONE UNLEADED PETROL SHALL HAVE A MINIMUM MOTOR OCTANE NUMBER OF 85.0 AND A MINIMUM RESEARCH OCTANE NUMBER OF 95.0 AT THE PUMP. REFERENCE METHODS FOR THE DETERMINATION OF THE LEAD AND BENZENE CONTENTS IN PETROL AND OF THE OCTANE RATINGS ARE MENTIONED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1985 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE LEAD CONTENT OF PETROL. ((85/210/EEC).</p> <p><u>Reference</u> : OJEC**,L96,,25,1985 <u>Effective Date</u> : 13AUG1987</p> <p><u>Last Amendment</u> : OJEC**,L225,,33,1987 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO THE SUBSTANCE MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS(CHEMICAL, PHYSICAL, OR BIOLOGICAL LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE. A REFERENCE METHOD FOR THE MEASURING PROCEDURES IS GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 NOVEMBER 1980 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK. (80/1107/EEC).</p> <p><u>Reference</u> : OJEC**,L327,,8,1980 <u>Effective Date</u> : 21DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L356,,74,1988 <u>Entry / Update</u> : JUL1991</p>

Common Name : Benzene

RTECS Number : CY1400000

CAS Number : 71-43-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). CARC.CAT.1; MAY CAUSE CANCER (R 45). T - TOXIC; DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 49/23/24/25). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; MAY CAUSE CANCER (R 45); HIGHLY FLAMMABLE (R 11); DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 49/23/24/25); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. ALSO TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE (R48).AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53). KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); DO NOT EMPTY INTO DRAINS (S 29); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 30 MG/M3 (10 PPM). (TO BE REVIEWED)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	GOODS SALE	CONSM	PRO PRO	<p>THE SUPPLY, AGREEMENT TO SUPPLY OR EXPOSURE FOR SUPPLY OF ANY TOY CONTAINING BENZENE IN FREE STATE IN EXCESS OF 5 MG/KG OF THE MASS OF THE TOY IS PROHIBITED.</p> <p><u>Title</u> : THE BENZENE IN TOYS (SAFETY) REGULATIONS 1987</p> <p><u>Reference</u> : GBRSI*,2116,,1987 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1992</p>
GBR	REG	USE	OCC	RSTR RQR	<p>IN THE INDIA RUBBER INDUSTRY NO PERSON UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY PROCESS IN WHICH THE FOLLOWING MATERIALS ARE USED OR ARE GIVEN OFF AS VAPOUR: CARBON DISULFIDE, CHLORIDE OF SULFUR, BENZENE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE OR ANY CARBON CHLORINE COMPOUND. NOR SHOULD ANY PERSON UNDER 16 YEARS OF AGE BE EMPLOYED IN ANY ROOM IN WHICH ANY SUCH PROCESS IS CARRIED OUT. MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN SUCH PROCESS ARE LISTED. (INDIA RUBBER MANUFACTURE REGULATION 1922, S.I.1922: NO.329 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> : THE EMPLOYMENT MEDICAL ADVISORY SERVICE (FACTORIES ACT ORDERS ETC AMENDMENT) ORDER 1973</p> <p><u>Reference</u> : GBRSI*,36,,1973 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1986</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO BENZENE AND MIXTURES HAVING 10% BENZENE OR MORE).</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Benzene

RTECS Number : CY1400000

CAS Number : 71-43-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ILO	REG	USE AIR	OCC OCC	RSTR MXL	<p>THE OBJECTIVE OF THIS CONVENTION IS TO PROTECT WORKERS FROM HAZARDS ARISING FROM THE PRODUCTION, HANDLING OR USE OF THE SUBSTANCE. HARMLESS OR LESS HARMFUL SUBSTITUTE PRODUCTS SHOULD BE USED WHEREVER POSSIBLE. THE USE OF THE SUBSTANCE SHOULD BE PROHIBITED IN CERTAIN WORK PROCESSES TO BE SPECIFIED BY NATIONAL LAWS AND REGULATIONS. WHEREVER THE SUBSTANCE IS MANUFACTURED, HANDLED OR USED, ALL NECESSARY MEASURES ARE TO BE TAKEN TO PREVENT THE ESCAPE OF BENZENE VAPOUR IN THE AIR OF PLACES OF EMPLOYMENT. THE CONCENTRATION SHOULD IN NO CASE EXCEED 25 PPM. WORKERS WHO MAY BE EXPOSED TO THE SUBSTANCE MUST BE PROVIDED WITH ADEQUATE MEANS OF PERSONAL PROTECTION AND THE DURATION OF THE EXPOSURE MUST BE LIMITED AS FAR AS POSSIBLE. (APPLIES TO BENZENE OR PRODUCTS CONTAINING BENZENE).</p> <p><u>Title</u> : Convention No. 136. Convention concerning protection against hazards of poisoning arising from benzene 1971</p> <p><u>Reference</u> : ILOCR*,,,1992 <u>Effective Date</u> : 27JUL1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1114.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	OCC	OCC	MAC	<p>TWA : 32 MG/M3 (10 PPM); CLV: 80 MG/M3 (25 PPM).</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 30 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 75 MG/M3 (25 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	SAFTY	OCC	MAC	<p>MAXIMUM ALLOWABLE LEVEL OF SKIN CONTAMINATION OF HAND COMING IN CONTACT WITH SUBSTANCE: 0.05 MG/CM3</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : MAY1988</p> <p><u>Last Amendment</u> : PDUZK*,4618-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	SOIL	-	MAC	<p>0.3 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : FEB1985</p> <p><u>Last Amendment</u> : PDKCP*,3210-85,,,1985 <u>Entry / Update</u> : OCT1985</p>

Common Name : Benzene

RTECS Number : CY1400000

CAS Number : 71-43-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV: 15 MG/M3; TWA: 5 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0.5 MG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	AIR	AMBI	MAC	1.5 MG/M3 1X/D; 0.1 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	MAC CLASS	0.5 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 1.5 MG/M3 (0.5 PPM); 15 MIN - STEL: 9 MG/M3 (3 PPM) (SKIN ABSORPTION) CARCINOGENIC <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1114. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AQ	CONSM	MPC	0.005 MG/LBOTTLED WATER. WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN PARAGRAPH (D) (3) (II) OF SECTION 103.35 55 FR 27834, SHALL NOT CONTAIN THE FOLLOWING VOLATILE ORGANIC CHEMICAL SUBSTANCES IN EXCESS OF THE CONCENTRATIONS SPECIFIED. <u>Title :</u> FEDERAL FOOD, DRUG, AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS-BOTTLED WATER. <u>Reference :</u> FEREAC,42,,14325,1977 <u>Last Amendment :</u> FEREAC,55,,27834,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> NOV1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 PPM, 32 MG/M3 A2. A2= SUSPECTED HUMAN CARCINOGENTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	3000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,44,1990 <u>Last Amendment :</u> XPHPAW,90,117,44,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991

Common Name : Benzene

RTECS Number : CY1400000

CAS Number : 71-43-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ	DRINK	MPC	<p>0.005 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Benzene

RTECS Number : CY1400000

CAS Number : 71-43-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ	EMI INDST	RQR RQR	<p>BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT.</p> <p><u>Title</u> : 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS</p> <p><u>Reference</u> : FEREAC,44,,44502,1979 <u>Effective Date</u> : 1979</p> <p><u>Last Amendment</u> : CFRUS*,40,401,15,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]¹, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>0.5 MG/L. THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p><u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
WHO	REC	AQ	DRINK	GL	<p>10 UG/L FOR 1/100 000 EXCESS CANCER RISK. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : Benzene Sulfonic Acid**RTECS Number :** DB4200000**CAS Number :** 98-11-3

Area **Type** **Subject** **Spec.** **Description** **Level / Summary Information :**

RUS REG AIR AMBI PSL 0.6 MG/M3 1X/D

Title :Reference :Effective Date : DEC1983Last Amendment : OBUAV*,2947-83,,,1983Entry / Update : SEP1985

Common Name : Benzidine

RTECS Number : DC9625000

CAS Number : 92-87-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>SKIN ABSORPTION. HUMAN CARCINOGEN; NO EXPOSURE BY ANY ROUTE (RESPIRATORY, SKIN OR ORAL) SHALL BE PERMITTED. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1885. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO BENZIDINE AND ITS DERIVATIVES)</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	USE LABEL PACK	OCC	CLASS RQR RSTR	<p>CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.</p> <p><u>Title :</u> DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference :</u> VMZSR*,3,1985 <u>Effective Date :</u> 1APR1985</p> <p><u>Last Amendment :</u> VMZSR*,10,98,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>DANGER OF CUTANEOUS ABSORPTION. CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. APPLIES TO BENZIDINE AND ITS SALTS.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Benzidine

RTECS Number : DC9625000

CAS Number : 92-87-5

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH BENZIDINE OR ITS SALTS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH BENZIDINE OR ITS SALTS CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF BENZIDINE OR ITS SALTS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	MANUF SALE USE	-	PRO PRO PRO	<p>SUBSTANCES OR PREPARATIONS CONTAINING BENZIDINE OR ITS SALTS AT A MASS CONTENT OF >= 0.1% MAY NOT BE PRODUCED, MARKETED OR USED. SOME EXCEPTIONS FROM THE PROHIBITION ARE MENTIONED.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.1; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); ALSO HARMFUL IF SWALLOWED (R 22); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO BENZIDINE AND ITS SALTS. CHEMICAL NAME MUST BE STATED ON THE LABEL.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	ADDIT	MXL	<p>NO DETECTABLE QUANTITIES OF THIS SUBSTANCE OR ANY OF ITS DERIVATIVES MAY BE CONTAINED INCOLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	USE GOODS	- CONSM	PRO RSTR	<p>MAY NOT BE USED IN JOKES OR HOAXES OR IN OBJECTS INTENDED TO BE USED AS SUCH, FOR INSTANCE AS A CONSTITUENT OF SNEEZING POWDER AND STINK BOMBS. HOWEVER, THE MEMBER STATES MAY TOLERATE ON THEIR TERRITORY STINK BOMBS CONTAINING NOT MORE THAN 1.5ML. (APPLIES TO BENZIDINE AND/OR ITS DERIVATIVES)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>

Common Name : Benzidine

RTECS Number : DC9625000

CAS Number : 92-87-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	GOODS - SALE LABEL		MXL RSTR RSTR	<p>BENZIDINE AND ITS SALTS MAY NOT BE USED IN CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% BY WEIGHT IN SUBSTANCES AND PREPARATIONS PLACED ON THE MARKET. SUCH SUBSTANCES AND PREPARATIONS MAY NOT BE SOLD TO THE GENERAL PUBLIC. THE PACKAGING OF SUCH PREPARATIONS SHALL BE LEGIBLE AND INDELIBLY MARKED AS FOLLOWS: *RESTRICTED TO PROFESSIONAL USERS*.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 1KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	MANUF USE SAFTY	INDST INDST OCC	PRO PRO RQR	<p>BENZIDINE AND ITS SALTS MAY NOT BE PRODUCED OR USED. THIS BAN DOES NOT APPLY IF THE AGENT IS PRESENT IN A SUBSTANCE OR PREPARATION AS AN IMPURITY, BY-PRODUCT, OR CONSTITUENT OF WASTE PRODUCTS PROVIDED ITS CONCENTRATION IS <0.1% (WT/WT). DEROGATIONS TO THE BAN SHALL BE PERMITTED FOR SCIENTIFIC RESEARCH AND TESTING INCLUDING ANALYSIS, FOR THE PRODUCTION OF THE SUBSTANCE FOR USE AS INTERMEDIATE AND FOR SUCH USE; FOR WORK ACTIVITIES INTENDED TO ELIMINATE THIS AGENT WHEN IT IS PRESENT AS A BY-PRODUCT OR WASTE PRODUCT. IN THE CASE OF THESE DEROGATIONS, THE EXPOSURE OF WORKERS TO THE SUBSTANCE MUST BE PREVENTED BY PROVIDING THAT THE PRODUCTION AND EARLIEST POSSIBLE USE OF THIS SUBSTANCE AS INTERMEDIATE TAKES PLACE IN A SINGLE CLOSED SYSTEM.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 JUNE 1988 ON THE PROTECTION OF WORKERS BY THE BANNING OF CERTAIN SPECIFIED AGENTS AND/OR CERTAIN WORK ACTIVITIES (FOURTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 8 OF DIRECTIVE 80/1107/EEC). (88/364/EEC)</p> <p><u>Reference</u> : OJEC**,L179,,44,1988 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS. (APPLIES TO BENZIDINE AND ITS SALTS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
GBR	REG	IMPRT		PRO	<p>THE IMPORTATION OF THE SUBSTANCE INTO THE UNITED KINGDOM IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES (PROHIBITION OF IMPORTATION) ORDER 1967</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GNHSE*,EH15/80,,5,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	MANUF USE		PRO PRO	<p>MANUFACTURE AND USE IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES REGULATIONS 1967. THE PROHIBITION ALSO APPLIES TO THE SALTS OF THE SUBSTANCE, AND ANY SUBSTANCE CONTAINING THE COMPOUND, EXCEPT WHERE PRESENT AS A BY-PRODUCT OF A CHEMICAL REACTION IN ANY OTHER SUBSTANCE IN A TOTAL CONC. NOT EXCEEDING 1%</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GNHSE*,EH15/80,,5,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>

Common Name : Benzidine

RTECS Number : DC9625000

CAS Number : 92-87-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	<p>THE IMPORTATION OF THE SUBSTANCE INTO THE UNITED KINGDOM IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES (PROHIBITION OF IMPORTATION) ORDER 1967</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE BENZIDINE AND BENZIDINE SALTS (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 1 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> SEP1992</p>
GBR	REG	USE		PRO	<p>PRODUCTION AND USE IN FACTORIES OF BENZIDINE AND ITS SALTS ARE PROHIBITED EXCEPT WHEN WRITTEN EXEMPTION IS GIVEN FOR 1) INVESTIGATION OR TESTING IN MEDICAL OR SCIENTIFIC RESEARCH2) WHERE SUBSTANCES ARE FORMED DURING PROCESS IN A TOTALLY ENCLOSED SYSTEM; 3) TRANSSHIPMENT. IMPORTATION IS PROHIBITED. REASONS FOR THE CONTROL ACTION: EPIDEMIOLOGICAL STUDIES SHOW THAT OCCUPATIONAL EXPOSURE TO COMMERCIAL BENZIDINE IS STRONGLY ASSOCIATED WITH BLADDER CANCER.</p> <p><u>Title :</u> THE EMPLOYMENT MEDICAL ADVISORY SERVICE (FACTORIES ACT ORDERS ETC AMENDMENT) ORDER 1973</p> <p><u>Reference :</u> GBRSI*,36,,,1973 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1985</p>
GBR	REG	MANUF USE		PRO PRO	<p>MANUFACTURE AND USE IS PROHIBITED UNDER THE CARCINOGENIC SUBSTANCES REGULATIONS 1967. THE PROHIBITION ALSO APPLIES TO THE SALTS OF THE SUBSTANCE, AND ANY SUBSTANCE CONTAINING THE COMPOUND, EXCEPT WHERE PRESENT AS A BY-PRODUCT OF A CHEMICAL REACTION IN ANY OTHER SUBSTANCE IN A TOTAL CONC. NOT EXCEEDING 1%</p> <p><u>Title :</u></p> <p><u>Reference :</u> GNHSE*,EH15/80,,5,1980 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1885.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 1KG.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>

Common Name : Benzidine

RTECS Number : DC9625000

CAS Number : 92-87-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL PRO	<p>THE EXPOSURE TO THIS SUBSTANCE IS NOT ALLOWED BY ANY WAY AT ANY WORKPLACE.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO PRO	<p>NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP A (= IT IS NOT PERMITTED, EXCEPT IN CERTAIN SPECIFIED CASES IF SPECIAL AUTHORIZATION HAS BEEN OBTAINED FROM RESPONSIBLE AUTHORITIES, TO USE OR HANDLE THE SUBSTANCE OR ITS SALTS, NOR PRODUCTS CONTAINING IT AS AN ADDITIVE OR AS A CONTAMINANT IN CONCENTRATIONS OF 0.1% OR MORE).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1885.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : SEP1982</p>
USA	REC	AIR	OCC	TLV	<p>A1, SKIN. A1= CONFIRMED HUMAN CARCINOGEN. THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ	EMI INDST	RQR RQR	<p>BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT.</p> <p><u>Title</u> : 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS</p> <p><u>Reference</u> : FEREAC,44,,44502,1979 <u>Effective Date</u> : 1979</p> <p><u>Last Amendment</u> : CFRUS*,40,401,15,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Benzidine

RTECS Number : DC9625000

CAS Number : 92-87-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981</p> <p><u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991</p>

Common Name : **Benzo(a)anthracene**RTECS Number : **CV9275000**CAS Number : **56-55-3**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
DEU	REC	AIR	OCC	MAK	<p>POLYCYCLIC AROMATIC HYDROCARBON (PAH) WHICH HAS BEEN SHOWN IN ANIMAL STUDIES TO BE CARCINOGENIC. NO MAK VALUE ESTABLISHED. - IF ORGANIC MATERIAL IS HEATED OR COMBUSTED WITH A LIMITED SUPPLY OF OXYGEN, MIXTURES ARE PRODUCED WHICH CONTAIN, AMONG NUMEROUS OTHER SUBSTANCES, PAH. IF EXPOSURE TO PAH, WHICH HAVE BEEN SHOWN IN ANIMAL STUDIES TO BE CARCINOGENIC, CAN BE DEMONSTRATED DURING WORK WITH PYROLYSIS PRODUCTS, SUCH AS GASOLINE ENGINE EMISSIONS, USED MOTOR OILS, CURING SMOKE, USED CUTTING OILS, THE PYROLYSIS PRODUCTS SHOULD BE HANDLED LIKE THEY WERE CARCINOGENIC WORKING MATERIALS PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2).</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference :</u> OJEC**,196,,1,1990 <u>Effective Date :</u> 31DEC1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); AVOID EXPOSURE - OBTAIN SPECIAL INSTUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>

Common Name : Benzo(a)anthracene

RTECS Number : CV9275000

CAS Number : 56-55-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REC	SAFTY USE	OCC OCC	MXL MXL	700 MG/M3 /COAL TAR PITCH VOLITILES/ <i>Title :</i> POCKET GUIDE TO CHEMICAL HAZARDS <i>Reference :</i> XPHPAW,90,117,72,1990 <i>Effective Date :</i> JUN1990 <i>Last Amendment :</i> XPHPAW,90,117,72,1990 <i>Entry / Update :</i> OCT1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <i>Title :</i> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <i>Reference :</i> CFRUS*,40,302,4,1990 <i>Effective Date :</i> 1990 <i>Last Amendment :</i> CFRUS*,40,302,4,1990 <i>Entry / Update :</i> SEP1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <i>Title :</i> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <i>Reference :</i> XCODE*,33,,1314,1990 <i>Effective Date :</i> 1981 <i>Last Amendment :</i> XCODE*,33,,1314,1990 <i>Entry / Update :</i> NOV1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <i>Title :</i> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <i>Reference :</i> FEREAC,45,,78541,1980 <i>Effective Date :</i> 1980 <i>Last Amendment :</i> CFRUS*,40,261,33,1990 <i>Entry / Update :</i> JAN1992
USA	REG	AQ AQ	GRND GRND	MONIT MXL	; SUMMARY - THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H)(2) UNLE SS OTHERWISE STATED. <i>Title :</i> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <i>Reference :</i> FEREAC,52,,25947,1987 <i>Effective Date :</i> 1987 <i>Last Amendment :</i> CFRUS*,40,264,,1990 <i>Entry / Update :</i> SEP1991

Common Name : Benzo(a)pyrene

RTECS Number : DJ3675000

CAS Number : 50-32-8

Area Type Subject Spec. Description Level / Summary Information :

CAN	REC	WASTE SOIL AQ SED	GRND SURF	GL	<p>THE GUIDELINES USE AN "ABC" APPROACH. "A" REPRESENTS THE APPROXIMATE ACHIEVABLE DETECTION LIMITS IN SOIL; IN UNDERGROUND WATER, IT IS BASED ON DRINKING WATER CRITERIA. "B" IS AN INTERMEDIATE VALUE, APPROXIMATELY 5 TO 10 TIMES ABOVE VALUE A. "C" IS CONSIDERED TO BE THE LEVEL AT WHICH CONTAMINATION IS SIGNIFICANT. CONCENTRATION IN SOIL: A - 0.1 MG/KG DRY WEIGHT; B - 1 MG/KG DRY WEIGHT; C - 10 MG/KG DRY WEIGHT. CONCENTRATION IN GROUND WATER: A - 0.01 MICROGRAMS/LITER; B - 0.1 MICROGRAMS/LITER; C - 1 MICROGRAMS/LITER. PRESCRIBED BY THE INTERIM GUIDELINES FOR PAH CONTAMINATION AT ABANDONED COAL TAR SITES, PREPARED BY THE AD HOC FEDERAL-PROVINCIAL WORKING GROUP ON INTERIM PAH GUIDELINES FOR THE WASTE MANGEMENT COMMITTEE, TOXIC SUBSTANCES ADVISORY COMMITTEE OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS. THE DEVELOPMENT OF THESE GUIDELINES WAS UNDERTAKEN RECOGNIZING THAT SEVERAL LONGER TERM INITIATIVES SUCH AS THE DEVELOPMENT OF MULTI-MEDIA GUIDELINES FOR PAH ARE UNDERWAY. THE INTERIM GUIDELINES ARE THEREFORE INTENDED FOR USE BY MEMBER GOVERNMENTS OF THE CCREM UNTIL DEFINITIVE CRITERIA ARE DEVELOPED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CREPE8,,4,,1989 <u>Effective Date :</u> NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	AQ	DRINK	GL MAC	<p>MAC: 0.00001 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REG	AIR	OCC	TLV	<p>SUSPECTED HUMAN CARCINOGEN; WORKER EXPOSURE BY ALL ROUTES SHALL BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	AQ	DRINK	MAC	<p>10NG/L; (APPLIES TO BENZO(A)PYRENE); 0.04 MG/L (APPLIES TO THE SUM OF POLYCYCLIC AROMATIC HYDROCARBONS EXPRESSED AS FLUORANTHENE)</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS</p> <p><u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference :</u> HPMZC*,32,,1970 <u>Effective Date :</u> 1JAN1971</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : Benzo(a)pyrene

RTECS Number : DJ3675000

CAS Number : 50-32-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.005 MG/M3. APPLIES TO THE PRODUCTION, LOADING AND UNLOADING OF PENCIL PITCH AND TO NEAR THE OVENS IN COKES PLANTS. 8H-TWA: 0.002 MG/M3. APPLIES TO ALL OTHER CASES. THE LOWER TRK VALUE IS BASED ON THE LOWEST LEVEL PRODUCING AN EFFECT. EXAMINATION OF THE VALUE 5 UG/M3 FOR 1.1.1992: IT IS STILL NOT TECHNICALLY POSSIBLE TO KEEP THE VALUE OF 5 UG/M3 IN COKES PLANTS FOR PEOPLE WORKING CLOSE TO THE UPPER PART OF THE OVENS NOR DURING PRODUCTION, LOADING AND UNLOADING OF PENCIL PITCH. THEREFORE ADDITIONAL ORGANIZATIONAL AND HYGIENIC MEASURES AS WELL AS PROTECTIVE CLOTHING ARE NECESSARY HERE. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRLICHE STOFFE")</p> <p><u>Reference</u> : BNDS6,,2,120,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : BNDS6,,11,52,1991 <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>POLYCYCLIC AROMATIC HYDROCARBON (PAH) WHICH HAS BEEN SHOWN IN ANIMAL STUDIES TO BE CARCINOGENIC. NO MAK VALUE ESTABLISHED. - IF ORGANIC MATERIAL IS HEATED OR COMBUSTED WITH A LIMITED SUPPLY OF OXYGEN, MIXTURES ARE PRODUCED WHICH CONTAIN, AMONG NUMEROUS OTHER SUBSTANCES, PAH. IF EXPOSURE TO PAH, WHICH HAVE BEEN SHOWN IN ANIMAL STUDIES TO BE CARCINOGENIC, CAN BE DEMONSTRATED DURING WORK WITH PYROLYSIS PRODUCTS, SUCH AS GASOLINE ENGINE EMISSIONS, USED MOTOR OILS, CURING SMOKE, USED CUTTING OILS, THE PYROLYSIS PRODUCTS SHOULD BE HANDLED LIKE THEY WERE CARCINOGENIC WORKING MATERIALS PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2).</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS I CARCINOGENS MUST NOT EXCEED 0.1 MG/M3 AT A MASS FLOW OF >= 0.5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AQ	DRINK	MPC	<p>FLUORANTHENE, BENZO-(B)-FLUORANTHENE, BENZO-(K)-FLUORANTHENE, BENZO-(A)-PYRENE, BENZO-(GHI)-PERYLENE, INDENO-(1,2,3-CD)-PYRENE: ALTOGETHER 0.0002 MG/L (CALCULATED AS C) CORRESPONDING TO ABOUT 0.02 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.00004 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>

Common Name : Benzo(a)pyrene

RTECS Number : DJ3675000

CAS Number : 50-32-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY AROMATIC POLYCYCLIC COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). MUTA.CAT.2; MAY CAUSE HERITABLE GENETIC DAMAGE (R 46). TERA.CAT.2; MAY CAUSE BIRTH DEFECTS (R 47). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); MAY CAUSE HERITABLE GENETIC DAMAGE (R 46); MAY CAUSE BIRTH DEFECTS (R 47); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	WASTE	-	RQR	<p>WASTE CONTAINING OR CONTAMINATED BY AROMATIC POLYCYCLIC COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (APPLIES TO CARCINOGENIC SUBSTANCES) (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC).</p> <p><u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Benzo(a)pyrene

RTECS Number : DJ3675000

CAS Number : 50-32-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ	DRINK	RQR	QUALITY STANDARD FOR POLYCYCLIC AROMATIC HYDROCARBONS IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.0002 MG/L FOR SIMPLE AND NORMAL WATER TREATMENT METHODS AND 0.001 MG/L FOR INTENSIVE METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES. <u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC) <u>Reference</u> : OJEC**L194,,26,1975 <u>Effective Date</u> : 25JUL1977 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	FOOD	ADDIT	MXL	NO POLYCYCLIC AROMATIC HYDROCARBONS MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. <u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. <u>Reference</u> : OJEC**L115,,2645/62,1962 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**L43,,11,1981 <u>Entry / Update</u> : FEB1986
EEC	REG	FOOD	-	MXL	THE USE OF FLAVOURINGS MUST NOT RESULT IN THE PRESENCE IN FOODSTUFFS AS CONSUMED OF THE SUBSTANCE IN A QUANTITY GREATER THAN 0.03 UG/KG. <u>Title</u> : COUNCIL DIRECTIVE OF 22 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO FLAVOURINGS FOR USE IN FOODSTUFFS AND TO SOURCE MATERIALS FOR THEIR PRODUCTION. (88/388/EEC) <u>Reference</u> : OJEC**L184,,61,1988 <u>Effective Date</u> : 22JUN1990 <u>Last Amendment</u> : OJEC**L42,,25,1991 <u>Entry / Update</u> : 1991
GBR	REG	AQ	DRINK	MPC	0.2UG/L AS THE SUM OF THE DETECTED CONCENTRATIONS OF FLUORANTHENE, BENZO-3,4-FLUORANTHENE, BENZO-11,12-FLUORANTHENE, BENZO-3,4-PYRENE, BENZO-1,12-PERYLENE AND INDENO(1,2,3-CD)PYRENE) IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC). <u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991 <u>Reference</u> : GBRSI*,2790,,,1991 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
GBR	REG	AQ	DRINK	MPC	0.2UG/L OF POLYCYCLIC AROMATIC HYDROCARBONS (THE SUM OF THE DETECTED CONCENTRATIONS OF FLUORANTHENE, BENZO-3,4-FLUORANTHENE, BENZO-11,12-FLUORANTHENE, BENZO-3,4-PYRENE, BENZO-1,12-PERYLENE AND INDENO-(1,2,3-CD) PYRENE) IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC). <u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989 <u>Reference</u> : GBRSI*,1147,,,1989 <u>Effective Date</u> : 01SEP1989 <u>Last Amendment</u> : GBRSI*,1837,,,1991 <u>Entry / Update</u> : 1992
GBR	REG	AQ	SURF	CLASS	IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW1 WHERE THE CONCENTRATION DOES NOT EXCEED 0.0002MG/L (FOR TOTAL POLYCYCLIC AROMATIC HYDROCARBONS), DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.0002MG/L (FOR TOTAL POLYCYCLIC AROMATIC HYDROCARBONS), OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.001MG/L (FOR TOTAL POLYCYCLIC AROMATIC HYDROCARBONS), PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC. <u>Title</u> : THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989. <u>Reference</u> : GBRSI*,1148,,,1989 <u>Effective Date</u> : 01SEP1989 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
RUS	REG	AQ	SURF	MAC	0.005 UG/L HAZARD CLASS: I <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990

Common Name : Benzo(a)pyrene

RTECS Number : DJ3675000

CAS Number : 50-32-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.00015 MG/M3 (AEROSOL) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	SOIL	-	MAC	0.02 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKCP*,2264-80,,,1980 <u>Effective Date :</u> OCT1980 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	AMBI	MAC	0.000001 MG/M3, AV/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.005 MG/M3, 15 MIN - STEL: 0.03 MG/M3. CARCINOGENIC, SKIN ABSORPTION. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
USA	REC	AIR	OCC	TLV	A2. A2= SUSPECTED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREC,52,,25947,1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Entry / Update :</u> NOV1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992

Common Name : Benzo(a)pyrene**RTECS Number :** DJ3675000**CAS Number :** 50-32-8**Area Type Subject Spec. Description Level / Summary Information :**

WHO	REC	AQ	DRINK	GL	0.7 UG/L (PROVISIONAL GUIDELINE VALUE FOR 1/100 000 EXCESS CANCER RISK). THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.
					<u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY
					<u>Reference :</u> WHODW*,,,1983
					<u>Last Amendment :</u> WHODW*,,,1992
					<u>Effective Date :</u>
					<u>Entry / Update :</u> OCT1992

Common Name : Benzoic Acid

RTECS Number : DG0875000

CAS Number : 65-85-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS ADJUVANT. (FORMULATION: EMULSIFIABLE CONCENTRATE; EMULSION). CODE BZA. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): NA9094. CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 49. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. MAXIMUM LIMIT FOR THE FINAL PRODUCTS: 10 MG/G.</p> <p><u>Title :</u> DIRECTIVE NO. 62 ON HYGIENIC REQUIREMENTS ON RUBBERS AND RUBBER GOODS COMING IN CONTACT WITH FOODSTUFFS AND HUMAN ORGANISM</p> <p><u>Reference :</u> HPMZC*,54,,,1982 <u>Effective Date :</u> 1JAN1983</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.6-2.0G/KG.</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : Benzoic Acid

RTECS Number : DG0875000

CAS Number : 65-85-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>EXPERIENCE IN HUMANS OR IN ANIMAL EXPERIMENTATION HAS NOT PROVIDED SUFFICIENT INFORMATION FOR ESTABLISHMENT OF A MAK VALUE.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD	ADDIT	PRMT	<p>BENZOIC ACID (E210) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. SPECIFIC CRITERIA OF PURITY FOR THE SUBSTANCE ARE GIVEN IN COUNCIL DIRECTIVE 65/66/EEC - OJEC NO.22,373,1965 AS LAST AMENDED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (65/54/EEC).</p> <p><u>Reference</u> : OJEC**,12,,161/64,1964 <u>Effective Date</u> : 1JAN1968</p> <p><u>Last Amendment</u> : OJEC**,L352,,45,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. MAXIMUM QUANTITY OF THE SUM OF BENZOIC ACID AND ITS SODIUM SALT; 2 MG/DM2.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD PACK	-	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
FW	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: PRESERVATIVE; ADI: 0.5 MG/KG BW; MXL: MARGARINE, TABLE OLIVES, PICKLED CUCUMBERS, MINARINE; 1 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH SORBIC ACID AND THEIR SALTS, EXPRESSED AS BENZOIC ACID); CONCENTRATED PINEAPPLE JUICE WITH PRESERVATIVES: 1 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH SORBIC ACID, THEIR SALTS AND SULFITES, BUT SULFITES NOT TO EXCEED 0.5 G/KG)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1983</p> <p><u>Last Amendment</u> : FAOCA*,XIV,,335,1983 <u>Entry / Update</u> : MAY1991</p>
FW	REC	FOOD	-	ADI	<p>ADI: 0.5 MG/KG BW (GROUP ADI FOR BENZOIC ACID AND ITS CALCIUM, POTASSIUM, AND SODIUM SALTS EXPRESSED AS BENZOIC ACID)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1983</p> <p><u>Last Amendment</u> : WHFAAC,18,,7,1983 <u>Entry / Update</u> : APR1991</p>
GBR	REG	FOOD LABEL	ADDIT ADDIT	PRMT RQR	<p>PERMITTED FOOD PRESERVATIVE (E210) WHEN SATISFYING THE PURITY CRITERIA CONTAINED IN THE EC DIRECTIVE 65/66/EEC (SUBSEQUENTLY AMENDED BY 67/428/EEC AND 76/463/EEC). WHEN SOLD FOR USE AS A FOOD PRESERVATIVE THE CONTAINER MUST BE LABELLED IN ACCORDANCE WITH SCHEDULE 3 OF THE REGULATIONS. PRESCRIBED LIMIT WHEN USED INDIVIDUALLY OR IN AN ADMXTURE WITH OTHER PERMITTED FOOD PRESERVATIVES IN THE RANGE 70-10000 MG/KG. THIS IS AN IMPLEMENTATION OF THE EC DIRECTIVE 64/65/EEC (LAST AMENDED BY 85/585/EEC).</p> <p><u>Title</u> : THE PRESERVATIVES IN FOOD REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,533,,9,1989 <u>Effective Date</u> : 27APR1989</p> <p><u>Last Amendment</u> : GBRSI*,2287,,1,1989 <u>Entry / Update</u> : 1992</p>

Common Name : Benzoic Acid

RTECS Number : DG0875000

CAS Number : 65-85-0

Area Type Subject Spec. Description Level / Summary Information :

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO BENZOIC DERIVATIVE PESTICIDES, TOXIC, LIQUID OR SOLID). UN NO. 3004; 2769	<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,,10004,1990	<u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON/HARMFUL. PACKING GROUP: I/II = GREAT DANGER/MEDIUM DANGER. (APPLIES TO BENZOIC DERIVATIVE PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASHPOINT LESS THAN 23 C). UN NO. 2770	<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,,10004,1990	<u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK LABEL: INFLAMMABLE LIQUID. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO BENZOIC DERIVATIVE PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASHPOINT BETWEEN 23C AND 61C). UN NO. 3003	<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,,10004,1990	<u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVES PERMITTED AS CLASS II PRESERVATIVE. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978	<u>Reference :</u> GSKEN*,40,,389,1978 <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 5.0 MG/M3 (AEROSOL) HAZ. CLASS: III	<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAD*,5149-89,,1989	<u>Effective Date :</u> NOV1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC CLASS	0.6 MG/L HAZARD CLASS: IV	<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,1988	<u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO BENZOIC DERIVATIVE PESTICIDES, LIQUID, TOXIC). UN NO. 3004	<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID. (APPLIES TO BENZOIC DERIVATIVE PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASH POINT NOT LESS THAN 23C). UN NO. 3003	<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : Benzoic Acid

RTECS Number : DG0875000

CAS Number : 65-85-0

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME BENZOIC ACID, AND DERIVATIVES THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Entry / Update :</u> JAN1992
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	5000 (2270) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991

Common Name : **Benzoquinone**RTECS Number : **DK2625000**CAS Number : **106-51-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 0.4 MG/M3 (0.1 PPM) <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	AIR	OCC	TLV	TWA: 0.1 PPM, 0.4 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2587. CLASS (6.1); POISONOUS. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 0.1 ML/M3 (PPM); 0.4 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 ML/M3 (PPM); 0.8 MG/M3; CEILING VALUE; 8X/SHIFT. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992

Common Name : Benzoquinone

RTECS Number : DK2625000

CAS Number : 106-51-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.4 MG/M3 (0.1 PPM). STEL (10 MIN-TWA): 1.2 MG/M3 (0.3 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.4 MG/M3 (0.1 PPM)- 10 MIN- STEL: 1.2 MG/M3 (0.3 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2587.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.4 MG/M3 (0.1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.4 MG/M3 (0.1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1 MG/M3 (0.3 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>

Common Name : Benzoquinone

RTECS Number : DK2625000

CAS Number : 106-51-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.05 MG/M3 (VAPOUR) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.4 MG/M3 (0.1 PPM). 15 MIN - STEL: 1.3 MG/M3 (0.3 PPM) <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS**,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2587. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 PPM, 0.44 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	75 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,192,1990 <u>Last Amendment :</u> XPHPAW,90,117,192,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Effective Date :</u> 1982 <u>Entry / Update :</u> OCT1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FEREAC,50,,46290,1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Effective Date :</u> 1985 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991

Common Name : **Benzoquinone**RTECS Number : **DK2625000**CAS Number : **106-51-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>

Common Name : Beryllium

RTECS Number : DS1750000

CAS Number : 7440-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 0.002 MG/M3. POTENTIAL CARCINOGEN. (APPLIES TO BERYLLIUM AND ITS COMPOUNDS). <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT (COMPOUNDS NOT OTHERWISE SPECIFIED). THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO BERYLLIUM ELEMENTAL) <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	AIR	OCC	TLV	BERYLLIUM AND COMPOUNDS, AS BE - TWA: 0.002 MG/M3. SUSPECTED HUMAN CARCINOGEN; WORKER EXPOSURE BY ALL ROUTES SHALL BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1567. CLASS (6.1): POISONOUS; CLASS (4.1): FLAMMABLE SOLID. SPECIAL PROVISIONS: 46, 48. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO BERYLLIUM POWDER) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CSK	REG	MANUF	OCC	CLASS RQR RSTR	PRODUCTION OF BE AND ITS COMPOUNDS IS CLASSIFIED AS PROCESS WITH OCCUPATIONAL CARCINOGENIC RISK. REQUIREMENTS AND RESTRICTIONS ON THE PROCESS ARE GIVEN. <u>Title :</u> DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS <u>Reference :</u> VMZSR*,3,,1985 <u>Effective Date :</u> 1APR1985 <u>Last Amendment :</u> VMZSR*,10,98,1990 <u>Entry / Update :</u> DEC1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ITS COMPOUNDS) <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991

Common Name : Beryllium

RTECS Number : DS1750000

CAS Number : 7440-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AQ	DRINK	MAC	200NG/L (APPLIES ALSO TO ITS COMPOUNDS) <u>Title</u> : WATER QUALITY. DRINKING WATER <u>Reference</u> : CSNOR*,757111,,,1989 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AIR	OCC	MAC	TWA: 0.001 MG/M3; CLV: 0.002 MG/M3 (CALCULATED AS BE) (APPLIES TO BE AND ITS COMPOUNDS AND ALLOYS) <u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT <u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985 <u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT) (APPLIES TO BERYLLIUM AND ITS COMPOUNDS EXPRESSED AS BERYLLIUM) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	WASTE	INDST	CLASS RQR	THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE. <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE <u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REC	AIR	OCC	TRK	8H-TWA: 0.005 MG/M3, CALCULATED AS BE IN TOTAL DUST. APPLIES TO GRINDING OF BERYLLIUM METAL AND ALLOYS. 8H-TWA: 0.002 MG/M3, CALCULATED AS BE IN TOTAL DUST. APPLIES TO BERYLLIUM AND ITS COMPOUNDS IN ALL OTHER CASES. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.) <u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAEHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRliche STOFFE") <u>Reference</u> : BNDS6,,2,120,1990 <u>Effective Date</u> : <u>Last Amendment</u> : BNDS6,,11,52,1991 <u>Entry / Update</u> : JAN1992
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO BERYLLIUM AND ITS COMPOUNDS. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REC	AQ	GRND	CLASS	BERYLLIUM AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH BERYLLIUM OR ITS COMPOUNDS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH BERYLLIUM OR ITS COMPOUNDS CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF BERYLLIUM OR ITS COMPOUNDS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991

Common Name : Beryllium

RTECS Number : DS1750000

CAS Number : 7440-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
DEU	REG	AIR	EMI	MPC	BERYLLIUM AND ITS COMPOUNDS IN RESPIRABLE FORM (CALCULATED AS BERYLLIUM) BELONG TO CLASS I CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS I CARCINOGENS MUST NOT EXCEED 0.1 MG/M3 AT A MASS FLOW OF > = 0.5 G/H. <u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
EEC	REG	WASTE	-	RQR	WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL:1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993). <u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC). <u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION:A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES. <u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC). <u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	MAC : -, GL : - REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN <u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC). <u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 10 KG AND ABOVE. (THIS APPLIES TO POWDERS AND COMPOUNDS OF BERYLLIUM). <u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC). <u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992

Common Name : Beryllium

RTECS Number : DS1750000

CAS Number : 7440-41-7

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference :</u> OJEC**,L326,,31,1984 <u>Effective Date :</u> 01JAN1987</p> <p><u>Last Amendment :</u> OJEC**,L48,,31,1987 <u>Entry / Update :</u> OCT1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 26/27); VERY TOXIC - DANGER OF VERY SERIOUS IRREVERSIBLE EFFECTS THROUGH INHALATION (R 39/26). XI - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM (R 37). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IN CONTACT WITH SKIN (R 26/27); IRRITATING TO RESPIRATORY SYSTEM (R 37); VERY TOXIC - DANGER OF VERY SERIOUS IRREVERSIBLE EFFECTS THROUGH INHALATION (R 39/26); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). APPLIES TO BERYLLIUM AND ITS COMPOUNDS EXCEPT ALUMINIUM BERYLLIUM SILICATES. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS)</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference :</u> OJEC**,L129,,23,1976 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1987</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO BERYLLIUM AND BERYLLIUM COMPOUNDS).</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference :</u> OJEC**,L377,,20,1991 <u>Effective Date :</u> 12DEC1993</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	WASTE		RQR	<p>ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THIS SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING BERYLLIUM AND BERYLLIUM COMPOUNDS.</p> <p><u>Title :</u> THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980</p> <p><u>Reference :</u> GBR SI*,1709,,,1980 <u>Effective Date :</u> 16MCH1981</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1986</p>

Common Name : Beryllium

RTECS Number : DS1750000

CAS Number : 7440-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE BERYLLIUM (POWDER AND COMPOUNDS) (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 10 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF BERYLLIUM OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM, CONTAINS, EXCEEDS 0.1% AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR AQ	INDST EMI	RQR RSTR	<p>THE PRODUCTION OF BERYLLIUM OR OF ANY COMPOUND CONTAINING IT, WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.002 MG/M3. (TO BE REVIEWED).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO BERYLLIUM COMPOUNDS). UN NO.1566.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK LABEL: INFLAMMABLE SOLID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO BERYLLIUM POWDER). UN NO.1567.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>

Common Name : **Beryllium**RTECS Number : **DS1750000**CAS Number : **7440-41-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 10KG. (APPLIES TO THE POWDER COMPOUNDS OF BERYLLIUM).</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.002 MG/M3 APPLIES TO BERYLLIUM AND ITS COMPOUNDS (CALCULATED AS BERYLLIUM).</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.002 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 0.001 MG/M3 (AEROSOL) (APPLIES TO BERYLLIUM AND ITS COMPOUNDS) HAZARD CLASS: I</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AQ	DRINK	MAC	<p>0.0002 MG/L</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JAN1985</p> <p><u>Last Amendment :</u> GOSTS*,2874-82,,,1982 <u>Entry / Update :</u> SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.2UG/L (APPLIES TO BERYLLIUM AND ITS COMPOUNDS, CALCULATED AS BERYLLIUM) HAZARD CLASS: I</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	AMBI	PSL	<p>0.00001 MG/M3 1X/D (APPLIES TO BERYLLIUM AND ITS COMPOUNDS, CALCULATED AS BERYLLIUM)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> DEC1983</p> <p><u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Entry / Update :</u> SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.002 MG/M3 (APPLIES TO BERYLLIUM AND ITS COMPOUNDS, CALCULATED AS BE) CARCINOGENIC, SENSITIZING (THE METALLIC BERYLLIUM IS NOT CONSIDERED AS SENSITIZING)</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>

Common Name : Beryllium

RTECS Number : DS1750000

CAS Number : 7440-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO BERYLLIUM COMPOUNDS). UN NO.1566. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 4.1 = INFLAMMABLE SOLID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO BERYLLIUM POWDER). UN NO.1567. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REG	WASTE EXPR IMPRT		RSTR RQR RQR	WASTES HAVING AS CONSTITUENTS BERYLLIUM AND BERYLLIUM COMPOUNDS SHALL BE "HAZARDOUS WASTES" FOR THE PURPOSES OF THIS CONVENTION. THE GENERATION AND THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES SHALL BE KEPT TO A MINIMUM. EXPORTATION OF SUCH WASTES IS ALLOWED ONLY IF THE EXPORTING STATE CANNOT DISPOSE THE WASTE PROPERLY OR THE WASTE IS REQUIRED AS RAW MATERIAL FOR RECYCLING BY THE IMPORTING COUNTRY; THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES IS SUBJECT TO NOTIFICATION BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY AND TO CONSENT BY THE COMPETENT AUTHORITY OF THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES. <u>Title :</u> Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal. <u>Reference :</u> <u>Last Amendment :</u> ISBC1*,,,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.002 MG/M3 A2. A2= SUSPECTED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	10 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,46,1990 <u>Last Amendment :</u> XPHPAW,90,117,46,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. (APPLIES ALSO TO ITS COMPOUNDS) <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Entry / Update :</u> NOV1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE (APPLIES ALSO TO ITS COMPOUNDS) <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991

Common Name : Beryllium

RTECS Number : DS1750000

CAS Number : 7440-41-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED (APPLIES ALSO TO ITS COMPOUNDS)</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI	RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).(APPLIES ALSO TO ITS COMPOUNDS)</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
WHO	REC	AQ	DRINK	GL	<p>NO ADEQUATE DATA TO RECOMMEND A HEALTH-BASED GUIDELINE VALUE. THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : Binapacryl

RTECS Number : GQ560000

CAS Number : 485-31-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.5 MG/KG; SECURITY INTERVAL: 8-42 DAYS; PROVISIONAL TOXICITY CLASS: II-III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,,,8,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.3-1.0 MG/KG. <u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986 <u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991
DEU	REG	USE IMPRT	PESTI	PRO PRO	PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED. <u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1196,1988 <u>Effective Date</u> : 29MCH1991 <u>Last Amendment</u> : BGZBAD,,1,796,1991 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.3 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	PRO PRO PRO	MEMBER STATES SHALL ENSURE THAT PLANT PROTECTION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCE ALONE OR IN COMBINATION WITH OTHER ACTIVE SUBSTANCES LISTED MAY NEITHER BE PLACED ON THE MARKET NOR USED. <u>Title</u> : COUNCIL DIRECTIVE OF 21 DECEMBER 1978 PROHIBITING THE PLACING ON THE MARKET AND USE OF PLANT PROTECTION PRODUCTS CONTAINING CERTAIN ACTIVE SUBSTANCES. (79/117/EEC). <u>Reference</u> : OJEC**,L33,,36,1979 <u>Effective Date</u> : 31DEC1990 <u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : JUL1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.3 MG/KG; PLANT (SPECIFIED):0.05 MG/KG. <u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982

Common Name : Binapacryl

RTECS Number : GQ5600000

CAS Number : 485-31-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIB, I.E.WHEN SOLID: AS HARMFUL AT CONCS. >12.5-100%, WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >6-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: WITHDRAWN; MRL: PEACHES: 1 MG/KG; APPLES, CHERRIES, GRAPES, PEARS: 0.5 MG/KG; NECTARINES, PLUMS: 0.3 MG/KG (EXPRESSED AS BINAPACRYL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,3-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	USE	PESTI	PRO	<p>APPROVAL FOR ALL PESTICIDAL USES IN AGRICULTURE AND HORTICULTURE REVOKED. REASONS FOR THE CONTROL ACTION: BANNED BECAUSE OF EVIDENCE OF TERATOGENIC AND POSSIBLE CARCINOGENIC EFFECTS IN MAMMALIAN SPECIES. NOTICE OF APPROVAL ISSUED UNDER PART III OF THE FOOD AND ENVIRONMENT PROTECTION ACT 1985</p> <p><u>Title</u> : NOTICE OF APPROVAL ISSUED UNDER PART III OF THE FOOD AND ENVIRONMENT PROTECTION ACT 1985</p> <p><u>Reference</u> : NAFEP*,III,,1985 <u>Effective Date</u> : 22JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1988</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-65% (SOLID) OR 100-25% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.2-1.0 MG/KG</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
RUS	REG	FOOD	-	PRO ADI	<p>PESTICIDE IS PROHIBITED IN SPECIFIED FOOD PRODUCTS; ADI = 0.0025 MG/KG.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JUN1983</p> <p><u>Last Amendment</u> : MDUPP*,2823-83,,1983 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1986</p> <p><u>Last Amendment</u> : SCHSB*,1986-90,,1987 <u>Entry / Update</u> : NOV1987</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.03 MG/L HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990</p>

Common Name : **Binapacryl**RTECS Number : **GQ5600000**CAS Number : **485-31-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.3-0.5 MG/KG</p> <p><u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-65% (SOLID) OR 100-25% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986</p>

Common Name : **Bioresmethrin**RTECS Number : **GZ1310500**CAS Number : **28434-01-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	USE USE	AGRIC CONSM	PRO RSTR	USE IN AGRICULTURE: NOT AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED IN FORMULATIONS OF 1-4% W/W AND 0.5% W/V. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	AMBI	MAC	0.09 MG/M3 IX/D 0.03 MG/M3 AV/D <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> NOV1989 <u>Last Amendment :</u> PDKAV*,5158-89,,,1989 <u>Entry / Update :</u> JUL1990
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCT;LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.0015-0.4 MG/KG; ADI = 0.004 MG/KG (CALCULATED VALUE) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JAN1988 <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE. PROHIBITED FOR USE IN CULTIVATION OF LETTUCE ON COVERED GROUND REASONS FOR THE CONTROL ACTION: HIGH RESIDUAL LEVELS IN CROP AND EMBRYOTOXIC PROPERTIES. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Entry / Update :</u> AUG1988
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, RESMETHRIN, 1988.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMI CALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL E FFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992

Common Name : **Biphenyl**RTECS Number : **DU8050000**CAS Number : **92-52-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1.5 MG/M3 (0.2 PPM).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 110 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,11,,1990 <u>Effective Date</u> : 25NOV1976</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.2 PPM, 1.5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	FOOD	-	MRL	<p>LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 110 MG/KG.</p> <p><u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference</u> : HPMZC*,43,,1978 <u>Effective Date</u> : 1JUL1986</p> <p><u>Last Amendment</u> : HPMZC*,61,,1986 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.2 ML/M3 (PPM); 1 MG/M3 (20C, 101.3 KPA). PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : **Biphenyl**RTECS Number : **DU8050000**CAS Number : **92-52-4**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD	ADDIT	PRMT	<p>BIPHENYL (E230)MAY UNDER CERTAIN CONDITIONS AND ON CITRUS FRUITS ONLY, BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE 64/54/EEC, O.J.E.C. NO.12, 1964, P.161/64 AS LAST AMENDED BY THE REFERENCE GIVEN) SPECIFIC CRITERIA OF PURITY FOR THE SUBSTANCEARE GIVEN IN COUNCIL DIRECTIVE 65/66/EEC - OJEC NO.22,373,1965 AS LAST AMENDED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (65/54/EEC).</p> <p><u>Reference</u> : OJEC**,12,,161/64,1964 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : OJEC**,L352,,45,1986 <u>Entry / Update</u> : OCT1987</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.125 MG/KG BW; MRL: CITRUS FRUIT: 110 MG/KG (EXPRESSED AS DIPHENYL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,29-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	TRNSP AQ AQ AQ	MARIN MARIN EMI EMI	RQR RSTR RSTR MAC	<p>CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO DIPHENYL AS MIXTURE WITH DIPHENYL ETHER).</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	FOOD LABEL	ADDIT ADDIT	PRMT MAC	<p>PERMITTED FOOD PRESERVATIVE (E230) WHEN SATISFYING THE PURITY CRITERIA CONTAINED IN THE EC DIRECTIVE 65/66/EEC (SUBSEQUENTLY AMENDED BY 67/428/EEC). WHEN SOLD FOR USE AS A FOOD PRESERVATIVE THE CONTAINER MUST BE LABELLED IN ACCORDANCE WITH SCHEDULE 3 OF THE REGULATIONS. PRESCRIBED LIMIT WHEN USED TO PRESERVE FRESH FRUIT IS 70 MG/KG. METHODS OF ANALYSIS: THIN LAYER CHROMATOGRAPHY AND VISIBLE SPECTROPHOTOMETRY. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 64/65/EEC (LAST AMENDED BY 85/585/EEC).</p> <p><u>Title</u> : THE PRESERVATIVES IN FOOD REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,533,,9,1989 <u>Effective Date</u> : 27APR1989</p> <p><u>Last Amendment</u> : GBRSI*,2287,,,1989 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1.5 MG/M3 (0.2 PPM). STEL (10 MIN-TWA): 4 MG/M3 (0.6 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : **Biphenyl**RTECS Number : **DU8050000**CAS Number : **92-52-4**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	TRNSP	MARIN	RQR	CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.
		AQ	MARIN	RSTR	
		AQ	EMI	RSTR	
		AQ	EMI	MAC	

Title : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1

Reference : GBRSI*,551,,15,1987 Effective Date : 06APR1987

Last Amendment : GBRSI*,2604,,2,1990 Entry / Update : 1992

IND	REG	MANUF	-	RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.
		SAFTY		RQR	
		STORE		RQR	
		IMPRT		RQR	

Title : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989

Reference : GAZIN*,787,,,1989 Effective Date : 27NOV1989

Last Amendment : Entry / Update : SEP1992

KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: CITRUS FRUIT: 110 MG/KG
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Title : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978

Reference : GSKEN*,40,,410,1978 Effective Date :

Last Amendment : Entry / Update : SEP1982

MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1.5 MG/M3 (0.2 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 4 MG/M3 (0.6 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.
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Title : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).

Reference : DOMEX*,,,1984 Effective Date : 28MAY1984

Last Amendment : DOMEX*,,,1989 Entry / Update : DEC1991

RUS	REG	AQ	SURF	MAC CLASS	0.001 MG/L HAZARD CLASS: II
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Title :

Reference :

Effective Date : 1JAN1989

Last Amendment : SPNPV*,4630-88,,,1988

Entry / Update : JUL1990

SWE	REG	AIR	OCC	HLV	1D-TWA: 1.3 MG/M3 (0.2 PPM). 15 MIN - STEL: 2.5 MG/M3 (0.4 PPM)
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Title : HYGIENIC LIMIT VALUES.

Reference : AFS***,1990:13,,5-64,1990 Effective Date : 01JUL1991

Last Amendment : Entry / Update : 1992

Common Name : **Biphenyl**RTECS Number : **DU8050000**CAS Number : **92-52-4**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	FOOD	PESTI	MTC	CITRUS FRUITS: 110 MG/KG <u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990 <u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.2 PPM, 1.3 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	300 MG/M3 <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,108,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,108,1990 <u>Entry / Update</u> : OCT1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985 <u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME BIPHENYLTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference</u> : FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992

Common Name : **Biphenyl**RTECS Number : **DU8050000**CAS Number : **92-52-4**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.

Title : PRELIMINARY ASSESSMENT INFORMATION RULESReference : FEREAC,47,,26998,1982Effective Date : 1982Last Amendment : CFRUS*,40,712,30,1990Entry / Update : OCT1991

Common Name : Bis(2-chloroisopropyl)ether

RTECS Number : KN1750000

CAS Number : 108-60-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> SEP1991
USA	REG	MONIT	-	RQR	; SUMMARY - THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> OCT1991

Common Name : **Bis(chloromethyl)ether**RTECS Number : **KN1575000**CAS Number : **542-88-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.005 MG/M3 (0.001 PPM). CARCINOGENIC.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.001 PPM, 0.0045 MG/M3. CONFIRMED HUMAN CARCINOGEN. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2249. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 99, 100, 102. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PROHIBITED. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.00025 MG/M3, CLV: 0.00050 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	USE LABEL PACK	OCC	CLASS RQR RSTR	<p>CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.</p> <p><u>Title</u> : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference</u> : VMZSR*,3,,1985 <u>Effective Date</u> : 1APR1985</p> <p><u>Last Amendment</u> : VMZSR*,10,98,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Bis(chloromethyl)ether

RTECS Number : KN1575000

CAS Number : 542-88-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: FLAMMABLE (R 10). CARC.CAT.1; MAY CAUSE CANCER (R 45). T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: T+ - VERY TOXIC; MAY CAUSE CANCER (R 45); FLAMMABLE (R 10); ALSO HARMFUL IF SWALLOWED (R 22); ALSO TOXIC IN CONTACT WITH SKIN (R 24); ALSO VERY TOXIC BY INHALATION (R 26); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 1 KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>

Common Name : Bis(chloromethyl)ether

RTECS Number : KN1575000

CAS Number : 542-88-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 1 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. (APPLIES TO DICHLORODIMETHYL ETHER, SYMMETRICAL). UN NO. 2249</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 1KG.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>

Common Name : Bis(chloromethyl)ether

RTECS Number : KN1575000

CAS Number : 542-88-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO PRO	NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP A (= IT IS NOT PERMITTED, EXCEPT IN CERTAIN SPECIFIED CASES IF SPECIAL AUTHORIZATION HAS BEEN OBTAINED FROM RESPONSIBLE AUTHORITIES, TO USE OR HANDLE THE SUBSTANCE OR ITS SALTS, NOR PRODUCTS CONTAINING IT AS AN ADDITIVE OR AS A CONTAMINANT IN CONCENTRATIONS OF 0.1% OR MORE). <u>Title</u> : HYGIENIC LIMIT VALUES. <u>Reference</u> : AFS***,1990:13,5-64,1990 <u>Effective Date</u> : 01JUL1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO DICHLORODIMETHYL ETHER, SYMMETRICAL). UN NO. 2249 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.001 PPM, 0.0047 MG/M3 A1. A1= CONFIRMED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=100 RQ=10 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, T HE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991

Common Name : **Bis(chloromethyl)ether**RTECS Number : **KN1575000**CAS Number : **542-88-1**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FEREAC,50,,46290,1985 <u>Effective Date :</u> 1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Entry / Update :</u> SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H).; SUMMARY - THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992

Common Name : Bis(2-ethylhexyl)phthalate

RTECS Number : TI0350000

CAS Number : 117-81-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 5 MG/M3, 15 MIN - STEL: 10 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). POTENTIAL CARCINOGEN.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 5.0 MG/M3; CLV: 10.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE PLASTIC MATERIALS: 50 MG/G.</p> <p><u>Title</u> : DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS</p> <p><u>Reference</u> : HPMZC*,42,,,1978 <u>Effective Date</u> : 1JUL1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 100 MG/M3; AVERAGE VALUE; 1X/SHIFT. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
F/W	REC	FOOD	-	ADI	<p>THE USE OF FOOD-CONTACT MATERIALS FROM WHICH THE SUBSTANCE MAY MIGRATE IS PROVISIONALLY ACCEPTABLE, ON CONDITION THAT THE QUANTITY OF THE SUBSTANCE MIGRATING INTO THE FOOD IS REDUCED TO THE LOWEST LEVEL TECHNICALLY ATTAINABLE</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : WHFAAC,24,,357,1989 <u>Entry / Update</u> : APR1991</p>

Common Name : Bis(2-ethylhexyl)phthalate

RTECS Number : TI0350000

CAS Number : 117-81-7

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RQR RQR	CLASSIFIED AS A NON-POLLUTING LIQUID SUBSTANCE. DOCUMENTARY EVIDENCE OF ASSESSMENT AND APPROVAL REQUIRED BY A CARRIER. DISCHARGE INTO THE SEA IS NOT PROHIBITED.
					<p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 5 MG/M3. STEL (10 MIN-TWA): 10 MG/M3.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 1.0 MG/M3 (VAPOUR, AEROSOL) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 3 MG/M3; 15 MIN - STEL: 5 MG/M3 (THE SAME LIMIT APPLIES ALSO TO OTHER ORGANIC PHTHALATES FOR WHICH NO SPECIAL LIMIT HAS BEEN ESTABLISHED).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS**,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 10 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference</u> : FEREC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	<p>THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBSTANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE.</p> <p><u>Reference</u> : FEREC,42,,14572,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,177,1200,1988 <u>Entry / Update</u> : NOV1991</p>

Common Name : Bis(2-ethylhexyl)phthalate

RTECS Number : TI0350000

CAS Number : 117-81-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE I) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : Bis(2-ethylhexyl)phthalate

RTECS Number : TI0350000

CAS Number : 117-81-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
WHO	REC	AQ	DRINK	GL	8 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference :</u> WHODW*,,,1983 <u>Effective Date :</u> <u>Last Amendment :</u> WHODW*,,,1992 <u>Entry / Update :</u> OCT1992

Common Name : Bromacil

RTECS Number : YQ9100000

CAS Number : 314-40-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA : 10 MG/M3 (1 PPM) <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1 MG/KG; SECURITY INTERVAL: 90 DAYS (PROVISIONAL TOLERANCES); PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITTATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	AIR	OCC	TLV	TWA: 1 PPM, 10 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; PELLET; SOLUBLE GRANULES;SOLUTION; WETTABLE POWDER). APPLIES TO BROMACIL PRESENT IN FREE FORM, AS DIMETHYLAMINE SALT, OR AS LITHIUM SALT. CODEBBV. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLYREGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	POMACEOUS FRUIT: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	USE	PESTI	RSTR	PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED- STICKS. IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. <u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ- ANWENDUNGSVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1196,1988 <u>Effective Date :</u> 29MCH1991 <u>Last Amendment :</u> BGZBAD,,1,796,1991 <u>Entry / Update :</u> DEC1991

Common Name : **Bromacil**RTECS Number : **YQ9100000**CAS Number : **314-40-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : AFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3 (1 PPM). STEL (10 MIN-TWA): 20 MG/M3 (2 PPM).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRS*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 (1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 (2 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
SWE	REG	USE	PESTI	PRO	<p>SUSPENDED DUE TO ITS SUSPECTED CARCINOGENIC PROPERTIES AND ITS HIGH MOBILITY IN SOIL.</p> <p><u>Title</u> : DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKALIEINSPEKTIONEN.</p> <p><u>Reference</u> : KEMIB*,,,1991 <u>Effective Date</u> : ** 1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 10 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AQ	DRINK	CLASS	<p>AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).</p> <p><u>Title</u> : SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS</p> <p><u>Reference</u> : FEREAC,53,,1892,1988 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,56,,1473,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, BROMACIL, 1982. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Bromides

RTECS Number :

CAS Number : 24959-67-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRO	REG	AQ WASTE	EEC GRND	RQR PRO	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOHALOGEN COMPOUNDS (AND SUBSTANCES WHICH MAY FORM SUCH SUBSTANCES IN THE AQUATIC ENVIRONMENT) INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 20-400MG/KG.</p> <p><u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference</u> : HPMZC*,43,,1978 <u>Effective Date</u> : 1JUL1986</p> <p><u>Last Amendment</u> : HPMZC*,61,,1986 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF BROMINE AND HIS VAPOROUS OR GASEOUS COMPOUNDS MUST NOT EXCEED 5 MG/M3 (CALCULATED AS HYDROGEN BROMIDE) AT A MASS FLOW OF 50 G/H OR MORE.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 20.0 - 400.0 MG/KG. OTHER PLANT PRODUCTS: 5.0 MG/KG. APPLIES TO THE SUM OF ANORGANIC BROMIDE, CALCULATED AS BROMIDE.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 50 MG/KG (APPLIES TO INORGANIC BROMIDES, EXPRESSED AS BR-IONS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	AQ	MARIN	RQR	<p>QUALITY STANDARDS FOR SHELLFISH WATERS : THE CONC. OF ORGANOHALOGEN COMPOUNDS MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD IT AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD : GC) MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 30 OCTOBER 1979 ON THE QUALITY REQUIRED OF SHELLFISH WATERS. (79/923/EEC).</p> <p><u>Reference</u> : OJEC**,L281,,47,1979 <u>Effective Date</u> : 10NOV1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOHALOGEN COMPOUNDS (AND SUBSTANCES WHICH MAY FORM SUCH SUBSTANCES IN THE AQUATIC ENVIRONMENT) INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 1 MG/KG BW; MRL: HERBS, SPICES: 400 MG/KG; FIGS (DRIED): 250 MG/KG; DATES (DRIED), RAISINS, SULTANAS, CURRANTS (DRIED PRODUCTS): 100 MG/KG; AVOCADOS: 75 MG/KG; CEREAL GRAINS, PEACHES (DRIED), WHOLEMEAL FLOUR: 50 MG/KG; CITRUS FRUIT, FRUIT (DRIED), STRAWBERRIES: 30 MG/KG; FRUIT, PRUNES (DRIED): 20 MG/KG (EXPRESSED AS TOTAL BROMIDE ION FROM ALL SOURCES) (APPLIES TO INORGANIC BROMIDE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,47-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : Bromides

RTECS Number :

CAS Number : 24959-67-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
FAO	REC	FOOD FOOD FEED	-	ADI MRL ERL	ADI: 1MG/KG BW. MRL: CELERY: 300MG/KG; CABBAGE, LETTUCE: 100 MG/KG; TOMATOES: 75MG/KG; CEREAL GRAINS, CUCUMBERS, WHEAT FLOUR (WHOLEMEAL): 50MG/KG. ERL: MILK: 20MG/KG (LEVELS REFER TO BROMIDE ION FROM ALL SOURCES, NOT INCLUDING COVALENTLY BOUND BROMINE) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FPPDD,99,,65,1989 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> JUL1990
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 20-100MG/KG (DETERMINED AND EXPRESSED AS TOTAL BROMINES FROM ALL SOURCES) (APPLIES TO THE RESIDUES OF INORGANIC BROMIDE PESTICIDES). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC. <u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988 <u>Reference :</u> GBRSI*,1378,,,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 02AUG1988 <u>Entry / Update :</u> 1992
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.7MG/M3 (0.1PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 2MG/M3 (0.3PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX* ,,,,1984 <u>Last Amendment :</u> DOMEX* ,,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	FEED	-	MRL	35.0 MG/KG (APPLIES TO INORGANIC BROMIDES) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Effective Date :</u> APR1981 <u>Entry / Update :</u> OCT1985

Common Name : Bromine

RTECS Number : EF910000

CAS Number : 7726-95-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.7 MG/M3 (0.1 PPM), 15 MIN - STEL : 2 MG/M3 (0.3 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.1 PPM, 0.7 MG/M3; STEL: 0.3 PPM, 2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONALSAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATETHAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1744. CLASS (8): CORROSIVE; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 90, 99, 102. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 2.5 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO BROMINE SOLUTIONS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE THIRD GROUP OF AIR POLLUTANTS (GASEOUS INORGANIC AIR POLLUTANT) (APPLIES TO BROMINE AND ITS GASEOUS COMPOUNDS EXPRESSED AS HBR)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.1 ML/M3 (PPM); 0.7 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 ML/M3 (PPM); 1.4 MG/M3; CEILING VALUE; 8X/SHIFT. VAPOUR PRESSURE: 23 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : **Bromine**RTECS Number : **EF9100000**CAS Number : **7726-95-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF BROMINE AND HIS VAPOROUS OR GASEOUS COMPOUNDS MUST NOT EXCEED 5 MG/M3 (CALCULATED AS HYDROGEN BROMIDE) AT A MASS FLOW OF 50 G/H OR MORE.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL. (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOHALOGEN COMPOUNDS (AND SUBSTANCES WHICH MAY FORM SUCHSUBSTANCES IN THE AQUATIC ENVIRONMENT) INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHTLEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	MARIN	RQR	<p>QUALITY STANDARDS FOR SHELLFISH WATERS : THE CONC. OF ORGANOHALOGEN COMPOUNDS MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD IT AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD : GC) MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH. SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOURTO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 30 OCTOBER 1979 ON THE QUALITY REQUIRED OF SHELLFISH WATERS. (79/923/EEC).</p> <p><u>Reference</u> : OJEC**,L281,,47,1979 <u>Effective Date</u> : 10NOV1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 50 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 500 TONNES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 01JUN1990</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>

Common Name : Bromine

RTECS Number : EF9100000

CAS Number : 7726-95-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 500 TONNES AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	AIR	OCC	ILV	<p>0,7 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 0,1 PPM (ML/M3) IN AIR; THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. EXISTING SCIENTIFIC DATA ON HEALTH EFFECTS APPEAR TO BE PARTICULARLY LIMITED.</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC).</p> <p><u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - -VERY TOXIC; VERY TOXIC BY INHALATION (R 26). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: T+ - VERY TOXIC; C - CORROSIVE; VERY TOXIC BY INHALATION (R 26); CAUSES SEVERE BURNS (R 35); KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE (S 7/9); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ WASTE	EMI GRND	RQR PRO	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOHALOGEN COMPOUNDS (AND SUBSTANCES WHICH MAY FORM SUCHSUBSTANCES IN THE AQUATIC ENVIRONMENT) INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHTLEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRCTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 1 MG/KG BW. MRL: CELERY: 300 MG/KG; CABBAGE, LETTUCE: 100 MG/KG; TOMATOES: 75 MG/KG; CEREAL GRAINS, CUCUMBERS, WHEAT FLOUR (WHOLEMEAL): 50 MG/KG. ERL: MILK: 20 MG/KG (LEVELS REFER TO BROMIDE ION FROM ALL SOURCES, NOT INCLUDING COVALENTLY BOUND BROMINE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : FPPPDD,99,,65,1989 <u>Entry / Update</u> : JUL1990</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.7 MG/M3 (0.1 PPM). STEL (10 MIN-TWA): 2 MG/M3 (0.3 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	WASTE	REMOV	RQR	<p>THE DESTRUCTION BY BURNING IN AN INCINERATOR, OTHER THAN INCIDENTALLY IN THE COURSE OF BURNING OTHER WASTE, OF ANY WASTE CHEMICAL BEING OR COMPRISING BROMINE IN ELEMENTAL OR COMPOUND FORM IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,3,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Bromine

RTECS Number : EF9100000

CAS Number : 7726-95-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF HALOGENS AND THEIR COMPOUNDS, WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	SOIL MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. IN GRANTING THE AUTHORIZATION THE ENFORCING AUTHORITY MUST SEEK TO ENSURE THAT THE BEST AVAILABLE TECHNIQUES NOT ENTAILING EXCESSIVE COST ARE EMPLOYED TO PREVENT OR MINIMIZE THE RELEASE INTO LAND OF HALOGENS AND THEIR COVALENT COMPOUNDS WHICH ARE PRESCRIBED SUBSTANCES. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO THE CONTROL OF POLLUTION SUCH AS 84/360/EEC.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1-23,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 50 TONNES, MANUFACTURERS MUST DEMONSTRATE TO THE HEALTH AND SAFETY EXECUTIVE THAT ANY MAJOR ACCIDENT HAZARDS HAVE BEEN IDENTIFIED AND THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PREVENT OR LIMIT THE CONSEQUENCES OF A MAJOR ACCIDENT INVOLVING THIS DANGEROUS SUBSTANCE. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. FOR THE ISOLATED STORAGE OF QUANTITIES EQUAL TO OR GREATER THAN 500 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 500 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
GBR	REG	AQ	DRINK	RQR	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THERELEVANT AUTHORITIES GIVING THE CONCENTRATION OF TOTAL BROMINE EXPRESSED AS BR MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,71,,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
GBR	REG	USE	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 40 OR MORE TONS OF BROMINE ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY.</p> <p><u>Title</u> : HEALTH AND SAFETY. THE NOTIFICATION OF INSTALLATIONS HANDLING HAZARDOUS SUBSTANCES REGULATIONS 1982</p> <p><u>Reference</u> : GBRSI*,1357,,,1982 <u>Effective Date</u> : 1JAN1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Bromine

RTECS Number : EF9100000

CAS Number : 7726-95-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OF FLUORINE, CHLORINE, BROMINE OR IODINE OR OF ANY COMPOUND COMPRISING ONLY TWO OR MORE OF THESE HALOGENS OR ANY ONE OR MORE OF THESE HALOGENS AND OXYGEN (OTHER THAN THE USE AS A PESTICIDE AS DEFINED IN SCHEDULE 6 OF THE REGULATIONS) IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2XE (APPLIES TO BROMINE AND SOLUTIONS THEREOF)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I= GREAT DANGE R (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO BROMINE OR BROMINE SOLUTIO NS). UN NO. 1744</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT		RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REponsABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTTTY EXCEEDING OR EQUAL TO 40 T.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.65 MG/M3 (0.1 PPM)</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 50.0 MG/KG BROMINE</p> <p><u>Title</u> : FOOD SANITATION LAW OF JAPAN</p> <p><u>Reference</u> : JPNFS*,,, <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Bromine

RTECS Number : EF9100000

CAS Number : 7726-95-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.2 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	AMBI	MAC	0.04 MG/M3 AV/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	TWA: 0.7 MG/M3 (0.1 PPM); 15 MIN - STEL: 2 MG/M3 (0.3 PPM) <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES;30-50 MG/KG OF INORGANICBROMIDE <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO BROMINE OR BROMINE SOLUTIONS). UN NO. 1744 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REC	SAFTY USE	OCC OCC	MXL MXL	10 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,48,1990 <u>Last Amendment :</u> XPHPAW,90,117,48,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 PPM, 0.66 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 0.3 PPM, 2.0 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE KEPT COOL. ALL SHIPMENTS MUST BE LABELED CORROSIVE.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991

Common Name : Bromine

RTECS Number : EF9100000

CAS Number : 7726-95-6

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME BROMINETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D</p> <p><u>Reference :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Entry / Update :</u> JAN1992</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982</p> <p><u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Bromoform

RTECS Number : PB560000

CAS Number : 75-25-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 5 MG/M3 (0.5 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,i,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,i,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>4 MG/M3 (0.4 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM)</p> <p><u>Title</u> : SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference</u> : SMTBR*,3,,145,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.35 MG/L (APPLIES TO TRIHALOMETHANES). UNDER REVIEW. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2515. CLASS (6.1): POISONOUS. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 220 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.5 PPM, 5 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>

Common Name : **Bromoform**RTECS Number : **PB5600000**CAS Number : **75-25-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AQ	DRINK	MPC	<p>TRihalogenated Methanes (Chloroform, Monobromodichloromethane, Dibromomonochloromethane, Bromoform) as reaction products of disinfection with chlorine or ozone: Altogether 0.01 mg/L (calculated as trihalogenated methanes); permissible tolerance of the measured value +- 0.005 mg/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION (R 23). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: T - TOXIC; TOXIC BY INHALATION (R 23); IRRITATING TO EYES AND SKIN (R 36/38); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>100UG/L MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OF TRIHALOETHANES (AS THE AGGREGATE OF THE CONCENTRATIONS OF TRICHLOROMETHANE, DICHLOROBROMOMETHANE, DIBROMOCHLOROMETHANE AND TRIBROMOMETHANE) OVER THE PRECEDING 3 MONTHS IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 5 MG/M3 (0.5 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OF 100UG/L OF TRIHALOMETHANES (BEING THE AGGREGATE OF THE CONCENTRATION OF TRICHLOROMETHANE, DICHLOROBROMOMETHANE, DIBROMOCHLOROMETHANE AND TRIBROMOMETHANE) OVER THE PRECEDING 3 MONTHS IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1147,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1837,,1991 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2515.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : Bromoform

RTECS Number : PB560000

CAS Number : 75-25-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 (0.5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 5.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.05 MG/M3 AV/D</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2515.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : SEP1982</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 PPM, 5.2 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : Bromoform

RTECS Number : PB5600000

CAS Number : 75-25-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	DRINK	MPC	<p>0.1 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. COMPLIANCE IS CALCULATED PURSUANT TO 40 CFR 141.30. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : **Bromoform**RTECS Number : **PB5600000**CAS Number : **75-25-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ); REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	DRINK	CLASS	<p>AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).</p> <p><u>Title</u> : SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS</p> <p><u>Reference</u> : FEREAC,53,,1892,1988 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,56,,1473,1991 <u>Entry / Update</u> : OCT1991</p>
WHO	REC	AQ	DRINK	GL	<p>100 UG/L FOR BROMOFORM; 100 UG/L FOR DIBROMOCHLOROMETHANE; 60 UG/L FOR BROMODICHLOROMETHANE (FOR 1/100 000 EXCESS CANCER RISK); 200 UG/L FOR CHLOROFORM (FOR A 1/100 000 EXCESS CANCER RISK). THE SUM OF THE RATIO OF THE CONCENTRATION OF EACH OF THESE TRIHALOMETHANES TO THEIR RESPECTIVE GUIDELINE VALUE SHOULD NOT EXCEED 1. THESE SUBSTANCES ARE CHEMICALS OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW* ,,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW* ,,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : Bromophos

RTECS Number : TE7175000

CAS Number : 2104-96-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT RSTR CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.5-10MG/KG; SECURITY INTERVAL: FROM TREATMENT UNTIL HARVEST: 7 DAYS; FROM TREATMENT UNTIL ANIMAL CONSUMPTION: 30 DAYS; FROM TREATMENT UNTIL HUMAN CONSUMPTION: 180 DAYS) (INTERVALS GIVEN FOR SPECIFIC FOOD STUFFS);PROVISIONAL TOXICITY CLASS: II,III (DEPENDINGON FORMULATION)(I= MOST TOXIC,IV= LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCEAUTHORIZED FOR SALE AND USE AS INSECTICIDE INDOMESTIC SANITATION: 1-5% (WT/WT).</p> <p><u>Title</u> : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,1,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 1.5 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,11,,1990 <u>Effective Date</u> : 25NOV1976</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN -HARMFUL; HARMFUL IF SWALLOWED (R 22). WEAR SUITABLE PROTECTIVE CLOTHING (S 36).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : Bromophos

RTECS Number : TE7175000

CAS Number : 2104-96-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IID, I.E.WHEN SOLID: AS HARMFUL AT CONCS. >50-100% ANDWHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.04 MG/KG BW; MRL: WHEAT BRAN (UNPROCESSED): 20 MG/KG; CEREAL GRAINS: 10 MG/KG; OLIVE OIL, OLIVES: 5 MG/KG; APPLES, CARROTS, LEEKS, LETTUCE (LAMB'S), RADISHES, WHITE FLOUR, WHOLEMEAL BREAD: 2 MG/KG; BLACKBERRIES, CABBAGE (SAVOY), CELERY, CHERRIES, CURRANTS (RED,BLACK,WHITE), FRENCH BEAN, PEACHES, PEARS, PLUMS, RASPBERRIES, SPINACH: 1 MG/KG; BARLEY STRAW, BRUSSELS SPROUTS, GOOSEBERRIES, LETTUCE, OAT STRAW, ONIONS, SHEEP CARCASE MEAT (IN CARCASE FAT), STRAWBERRIES, SUGAR BEET (ROOTS,LEAVES), TOMATOES, WHITE BREAD: 0.5 MG/KG; RAPESEED, RAPESEED OIL: 0.2 MG/KG; BROAD BEANS (WITHOUT PODS), BROCCOLI, CABBAGE, CAULIFLOWER, CUCUMBER, KOHLRABI, PEAS: 0.1 MG/KG (EXPRESSED AS BROMOPHOS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,4-IV,1986 <u>Entry / Update</u> : APR1991</p>
KEN	REG	FOOD	PESTI	MRL	<p>APPLES: 1.5 MG/KG.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
RUS	REC	FOOD EXPRT IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.1-1.0 MG/KG.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : MDUPE*,3081-84,,1984 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1 MG/KG. ADI = 0.04 MG/KG BW.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JAN1988</p> <p><u>Last Amendment</u> : MDUPP*,4540-87,,1987 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	SOIL	-	PSL	<p>0.4 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JUN1981</p> <p><u>Last Amendment</u> : ODKPP*,2402-81,,1981 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.01 MG/L HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTSLIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1 MG/KG. ADI = 0.04 MG/KG.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JUN1983</p> <p><u>Last Amendment</u> : MDUPP*,2823-83,,1983 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (VAPOUR+AEROSOL) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>

Common Name : **Bromophos**RTECS Number : **TE7175000**CAS Number : **2104-96-3**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.
					<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987
					<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 1.0 MG/KG
					<u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.
					<u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989
					<u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992

Common Name : Bromophos Ethyl

RTECS Number : TE7000000

CAS Number : 4824-78-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE CLASS	-	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.002-0.05 MG/KG; SECURITY INTERVAL: 15-280 DAYS; PROVISIONAL TOXICITY CLASS: II (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,8,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON. <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991
DEU	REC	AQ USE	-	INDST CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T - TOXIC; TOXIC IF SWALLOWED (R 25). XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN (R 21). LABEL: T - TOXIC; HARMFUL IN CONTACT WITH SKIN (R 21); TOXIC IF SWALLOWED (R 25); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN BROMOPHOS-ETHYL ARE CLASSIFIED INTO CLASS IB,I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%.MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986

Common Name : Bromophos Ethyl

RTECS Number : TE7000000

CAS Number : 4824-78-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.5MG/KG. <u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference :</u> OJEC**,L340,,34,1976 <u>Effective Date :</u> 01JUL1984 <u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Entry / Update :</u> DEC1982
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.003 MG/KG BW; MRL: SHEEP CARCASS MEAT (IN CARCASS FAT): 3 MG/KG; APPLES, CARROTS, CATTLE CARCASS MEAT (IN CARCASS FAT), PEARS, PLUMS, SPINACH: 2 MG/KG; BRUSSELS SPROUTS, CURRANTS (RED): 1 MG/KG; CABBAGE, CELERIAC, CURRANTS (BLACK), GOOSEBERRIES, KOHLRABI, PEACHES, RAPESEED OIL, STRAWBERRIES, SWEET CHERRIES: 0.5 MG/KG; LETTUCE: 0.2 MG/KG; RAPESEED: 0.1 MG/KG; KIDNEY BEANS, MAIZE (KERNELS,FODDER): 0.05 MG/KG; BEANS (WITHOUT POD), CAULIFLOWER, ONIONS, SUGAR BEETS: 0.02 MG/KG; MILK: 0.008 MG/KG (EXPRESSED AS BROMOPHOS-ETHYL) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,5-IV,1986 <u>Entry / Update :</u> APR1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-35% (SOLID) OR 100-14% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.02-0.5 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,1984 <u>Entry / Update :</u> OCT1985
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.5 MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,1983 <u>Effective Date :</u> 01JAN1990 <u>Last Amendment :</u> SLVFS*,1989:29,,1989 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-35% (SOLID) OR 100-14% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,162,1989 <u>Entry / Update :</u> MAY1986

Common Name : 1,3-Butadiene

RTECS Number : EI9275000

CAS Number : 106-99-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 22 MG/M3 (10 PPM). POTENTIAL CARCINOGEN.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>(INTENDED CHANGES - TWA: 1,000 PPM, 2,200 MG/M3; STEL: 1,250 PPM, 2,750 MG/M3). PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 20.0 MG/M3; CLV: 40.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 15 ML/M3; 34 MG/M3. APPLIES TO PROCESSING AFTER POLYMERISATION AND LOADING. 8H-TWA: 5 ML/M3; 11 MG/M3. APPLIES TO ALL OTHER CASES. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRliche STOFFE")</p> <p><u>Reference</u> : BNDS6,,2,120,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : BNDS6,,11,52,1991 <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : 1,3-Butadiene

RTECS Number : EI9275000

CAS Number : 106-99-0

Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS III CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS III CARCINOGENS MUST NOT EXCEED 5 MG/M3 AT A MASS FLOW OF >= 25 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). CARC. CAT.2; MAY CAUSE CANCER (R 45). LABEL: F+ - EXTREMELY FLAMMABLE; T - TOXIC; MAY CAUSE CANCER (R45); EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). IT MUST BE STATED ON THE LABEL IF THE SUBSTANCE IS NON-STABILIZED BY ENTERING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : 1,3-Butadiene

RTECS Number : EI9275000

CAS Number : 106-99-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	USE SAFETY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. MAXIMUM PERMITTED QUANTITY OF THE 'RESIDUAL' SUBSTANCE IN THE MATERIAL OR ARTICLE: 1 MG/KG IN FINISHED MATERIAL OR ARTICLE OR SPECIFIC MIGRATION LIMIT IN FOOD OR IN FOOD SIMULANT = NOT DETECTABLE (DETECTION LIMIT OF THE METHOD OF ANALYSIS = 0,02 MG/KG, ANALYTICAL TOLERANCE INCLUDED). THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 22 MG/M3 (10 PPM).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE GAS. EMERGENCY ACTION CODE: 2WE (APPLIES TO INHIBITED BUTADIENE)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO INHIBITED BUTADIENES). UN NO. 1010</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : 1,3-Butadiene

RTECS Number : EI9275000

CAS Number : 106-99-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2200 MG/M3 (1000 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 2750 MG/M3 (1250 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX* ,,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX* ,,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.05 MG/L HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 100.0 MG/M3 (VAPOUR) HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>3.0 MG/M3 1X/D, 1.0 MG/M3 AV/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> AUG1984</p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 20 MG/M3 (10 PPM), 15 MIN - STEL: 40 MG/M3 (20 PPM). CARCINOGENIC.</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 3 = INFLAMMABLE GAS. (APPLIES TO INHIBITED BUTADIENES). UN NO. 1010</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG* ,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 10 PPM, 22 MG/M3 A2. A2= SUSPECTED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH* ,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH* ,,,11,1991 <u>Entry / Update :</u> DEC1991</p>

Common Name : 1,3-Butadiene

RTECS Number : EI9275000

CAS Number : 106-99-0

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	SAFTY USE	OCC OCC	MXL MXL	20000 PPM	<p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,48,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,48,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>	
USA	REG	USE FOOD STORE MANUF PACK	- ADDIT	RSTR RSTR RSTR RSTR RSTR	<p>REFERS TO HOMO AND COPOLYMERS. THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT OR OIL ON THE SURFACE. THESE SUBSTANCES ARE NOT TO BE USED IN QUANTITIES WHICH EXCEED THAT REQUIRED TO ACCOMPLISH THEIR INTENDED PHYSICAL OR TECHNICAL EFFECT AND ARE SO USED AS TO ACCOMPLISH NO EFFECT IN FOOD OTHER THAN THAT ORDINARILY ACCOMPLISHED BY PACKAGING.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD</p> <p><u>Reference</u> : FEREAC,42,,14554,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,176,180,1988 <u>Entry / Update</u> : NOV1991</p>	
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>INHIBITED: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE S TOWED AWAY FROM LIVING QUARTERS. ALL SHIPMENTS MUST BE LABELED FLAMMABLE GAS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>	
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>	

Common Name : n-Butanol

RTECS Number : EO1400000

CAS Number : 71-36-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 150 MG/M3 (50 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: CEILING LIMIT - 50 PPM, 150 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 100.0 MG/M3; CLV: 200.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL ALKYL ALCOHOLS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : n-Butanol

RTECS Number : EO1400000

CAS Number : 71-36-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 100 ML/M3 (PPM); 300 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 200 ML/M3 (PPM); 600 MG/M3; AVERAGE VALUE; 4X/SHIFT. VAPOUR PRESSURE: 0.4 - 4.0 KPA AT 20C. APPLIES TO ALL ISOMERS OF BUTYL ALCOHOL.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	GOODS GOODS	FUEL FUEL	PRMT RQR	<p>MEMBER STATES MAY NOT PREVENT OR DISCOURAGE, ON GROUNDS OF OXYGENATE CONTENT, THE PRODUCTION, MARKETING AND FREE MOVEMENT OF BLENDED PETROL CONTAINING N-BUTYL ALCOHOL UP TO 7% (VOL). PUMPS WHICH DISPENSE MOTOR FUELS CONTAINING MORE THAN 10% (VOL.) OF N-BUTYL ALCOHOL SHALL BE VERY CLEARLY MARKED ACCORDINGLY TO MAKE ACCOUNT IN PARTICULAR OF VARIATIONS IN THE CALORIFIC VALUE OF SUCH FUELS</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 DECEMBER 1985 ON CRUDE-OIL SAVINGS THROUGH THE USE OF SUBSTITUTE FUEL COMPONENTS IN PETROL. (85/536/EEC).</p> <p><u>Reference</u> : OJEC**,L334,,20,1985 <u>Effective Date</u> : 01JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1986</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. IT MAY BY USED AS SOLVENT; MAXIMUM TOTAL QUANTITY OF ALL SOLVENTS: 0.6 MG/DM2 ON THE SIDE IN CONTACT WITH FOODSTUFFS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: XN - HARMFUL; FLAMMABLE (R 10); HARMFUL BY INHALATION (R 20); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IT MUST BE STATED ON LABEL WHETHER IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS. CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: XN - HARMFUL; HARMFUL BY INHALATION (R 20).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : n-Butanol

RTECS Number : EO1400000

CAS Number : 71-36-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD FOOD	- INDST	MRL PRMT	<p>THIS SUBSTANCE, PROVIDED IT SATISFIES THE PURITY CRITERIA LAID DOWN, MAY BE USED AS AN EXTRACTION SOLVENT DURING THE PROCESSING OF RAW MATERIALS OF FOODSTUFFS, OF FOOD COMPONENTS OR OF FOOD INGREDIENTS. MRL IN THE FOODSTUFF DUE TO THE USE OF THE EXTRACTION SOLVENTS IN THE PREPARATION OF FLAVOURINGS FROM NATURAL FLAVOURING MATERIALS: 1 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 13 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS AND FOOD INGREDIENTS. (88/344/EEC).</p> <p><u>Reference</u> : OJEC** ,L157,,28,1988 <u>Effective Date</u> : 13JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3 (Y)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 150MG/M3 (50PPM). STEL(10MIN-TWA): 150MG/M3 (50PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO BUTANOLS) UN NO. 1120</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
JPN	REC	AIR	OCC	MAC	<p>CLV: 150 MG/M3 (50 PPM). SKIN ABSORPTION MUST ALSO BE CONSIDERED.</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 150 MG/M3 (50 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.03 MG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,1978 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.1 MG/L HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.1 MG/M3 1X/D, 0.1 MG/M3 AV/D.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>

Common Name : n-Butanol

RTECS Number : EO1400000

CAS Number : 71-36-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	1D-TWA: 45 MG/M3 (15 PPM). CLV (15 MIN -TWA): 90 MG/M3 (30 PPM). SKIN ABSORPTION. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (APPLIES TO BUTANOLS). UN NO. 1120 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
USA	REC	SAFTY USE	OCC OCC	MXL MXL	8000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,52,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,52,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	CEILING LIMIT 50 PPM, 152 MG/M3, SKINTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI	RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	USE PACK	-	RQR RQR	THIS SUBSTANCE IS LISTED AS AN ADJUVANT OF RELEASE AGENTS, WAXES, AND DISPERSANTS. THIS SUBSTANCE IS INCLUDED IN A LIST OF RESINOUS AND POLYMERIC COATINGS WHICH MAY BE USED AS THE FOOD CONTACT SURFACE OF ARTICLES IF THE COATING IS APPLIED AS A CONTINUOUS FILM PRODUCED FROM ANY BASIC OLEFIN POLYMER LISTED IN 21 CFR 177.1520 1988 AND FOR MULATED FROM OPTIONAL SUBSTANCES WHICH ARE RECOGNIZED AS SAFE FOR USE IN OR ON FOOD AND FROM SUBSTANCES SUBJECT TO LIMITATIONS AS DESCRIBED HERE. <u>Title :</u> INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS FOR POLYOLEFIN FILMS <u>Reference :</u> FEREAC,42,,14534,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,175,320,1988 <u>Entry / Update :</u> NOV1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]1, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991

Common Name : n-Butanol

RTECS Number : EO1400000

CAS Number : 71-36-3

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference :</u> FEREAC,42,,14534,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Entry / Update :</u> NOV1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	IGNITABLETHIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	IGNITABLETHIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992

Common Name : **sec-Butanol**RTECS Number : **EO1750000**CAS Number : **78-92-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 305 MG/M3 (100 PPM); 15 MIN - STEL: 455 MG/M3 (150 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 100 PPM, 305 MG/M3; STEL: 150 PPM, 455 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 100 ML/M3 (PPM); 300 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 200 ML/M3 (PPM); 600 MG/M3; AVERAGE VALUE; 4X/SHIFT. VAPOUR PRESSURE: 0.4 - 4.0 KPA AT 20C. APPLIES TO ALL ISOMERS OF BUTYL ALCOHOL.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : **sec-Butanol**RTECS Number : **EO1750000**CAS Number : **78-92-2**Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	GOODS GOODS	FUEL FUEL	PRMT RQR	MEMBER STATES MAY NOT PREVENT OR DISCOURAGE, ON GROUNDS OF OXYGENATE CONTENT, THE PRODUCTION, MARKETING AND FREE MOVEMENT OF BLENDED PETROL CONTAINING SEC-BUTYL ALCOHOL UP TO 7% (VOL.). PUMPS WHICH DISPENSE MOTOR FUELS CONTAINING MORE THAN 10% (VOL.) OF SEC-BUTYL ALCOHOL SHALL BE VERY CLEARLY MARKED ACCORDINGLY TO MAKE ACCOUNT IN PARTICULAR OF VARIATIONS IN THE CALORIFIC VALUE OF SUCH FUELS <u>Title</u> : COUNCIL DIRECTIVE OF 5 DECEMBER 1985 ON CRUDE-OIL SAVINGS THROUGH THE USE OF SUBSTITUTE FUEL COMPONENTS IN PETROL. (85/536/EEC). <u>Reference</u> : OJEC**,L334,,20,1985 <u>Effective Date</u> : 01JAN1988 <u>Last Amendment</u> : <u>Entry / Update</u> : FEB1986
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: XN - HARMFUL; FLAMMABLE (R 10); HARMFUL BY INHALATION (R 20); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IT MUST BE STATED ON LABEL WHETHER IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS. CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: XN - HARMFUL; HARMFUL BY INHALATION (R 20). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
EEC	REG	FOOD FOOD	- INDST	MRL PRMT	THIS SUBSTANCE, PROVIDED IT SATISFIES THE PURITY CRITERIA LAID DOWN, MAY BE USED AS AN EXTRACTION SOLVENT DURING THE PROCESSING OF RAW MATERIALS OF FOODSTUFFS, OF FOOD COMPONENTS OR OF FOOD INGREDIENTS. MRL IN THE FOODSTUFF DUE TO THE USE OF THE EXTRACTION SOLVENTS IN THE PREPARATION OF FLAVOURINGS FROM NATURAL FLAVOURING MATERIALS: 1 MG/KG. <u>Title</u> : COUNCIL DIRECTIVE OF 13 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS AND FOOD INGREDIENTS. (88/344/EEC). <u>Reference</u> : OJEC**,L157,,28,1988 <u>Effective Date</u> : 13JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1991
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2(S) <u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983
GBR	REG	TRNSP AQ AQ	MARIN EMI	RQR RQR RQR	CLASSIFIED AS A NON-POLLUTING LIQUID SUBSTANCE. DOCUMENTARY EVIDENCE OF ASSESSMENT AND APPROVAL REQUIRED BY A CARRIER. DISCHARGE INTO THE SEA IS NOT PROHIBITED. <u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2 <u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987 <u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 300MG/M3 (100PPM). STEL(10MIN-TWA): 450MG/M3 (150PPM) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1120 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,10004,1990 <u>Entry / Update</u> : JAN1991
JPN	REC	AIR	OCC	MAC	TWA: 300MG/M3 (100PPM). TENTATIVE VALUE. <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991

Common Name : **sec-Butanol**RTECS Number : **EO1750000**CAS Number : **78-92-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 305 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 455 MG/M3 (150 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX* ,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX* ,,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS* ,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.2 MG/L HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV* ,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 150 MG/M3 (50 PPM); 15 MIN - STEL: 250 MG/M3 (75 PPM). SKIN ABSORPTION.(APPLIES TO ALL BUTANOLS EXCEPT N-BUTANOL)</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 100 PPM, 303 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 150 PPM, 455 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH* ,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH* ,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>10000 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,52,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,52,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	USE FOOD STORE MANUF PACK	- ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT OR OIL ON THE SURFACE. THESE SUBSTANCES ARE NOT TO BE USED IN QUANTITIES WHICH EXCEED THAT REQUIRED TO ACCOMPLISH THEIR INTENDED PHYSICAL OR TECHNICAL EFFECT AND ARE SO USED AS TO ACCOMPLISH NO EFFECT IN FOOD OTHER THAN THAT ORDINARILY ACCOMPLISHED BY PACKAGING.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD</p> <p><u>Reference</u> : FEREC,42,,14554,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,176,180,1988 <u>Entry / Update</u> : NOV1991</p>

Common Name : **tert-Butanol**RTECS Number : **EO1925000**CAS Number : **75-65-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 300 MG/M3 (100 PPM); 15 MIN - STEL: 450 MG/M3 (150 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 100 PPM, 300 MG/M3; STEL: 150 PPM, 450 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 100 ML/M3 (PPM); 300 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 200 ML/M3 (PPM); 600 MG/M3; AVERAGE VALUE; 4X/SHIFT. VAPOUR PRESSURE: 0.4 - 4.0 KPA AT 20C. APPLIES TO ALL ISOMERS OF BUTYL ALCOHOL.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : tert-Butanol

RTECS Number : EO1925000

CAS Number : 75-65-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	GOODS GOODS	FUEL FUEL	PRMT RQR	<p>MEMBER STATES MAY NOT PREVENT OR DISCOURAGE, ON GROUNDS OF OXYGENATE CONTENT, THE PRODUCTION, MARKETING AND FREE MOVEMENT OF BLENDED PETROL CONTAINING TERT-BUTYL ALCOHOL UP TO 7% (VOL.). PUMPS WHICH DISPENSE MOTOR FUELS CONTAINING MORE THAN 7% (VOL.) OF TERT-BUTYL ALCOHOL SHALL BE VERY CLEARLY MARKED ACCORDINGLY TO MAKE ACCOUNT IN PARTICULAR OF VARIATIONS IN THE CALORIFIC VALUE OF SUCH FUELS</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 DECEMBER 1985 ON CRUDE-OIL SAVINGS THROUGH THE USE OF SUBSTITUTE FUEL COMPONENTS IN PETROL. (85/536/EEC).</p> <p><u>Reference</u> : OJEC**,L334,,20,1985 <u>Effective Date</u> : 01JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: F - HIGHLY FLAMMABLE; XN - HARMFUL; HIGHLY FLAMMABLE (R 11); HARMFUL BY INHALATION (R 20); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: XN - HARMFUL; HARMFUL BY INHALATION (R 20).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2(S)E</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RQR RQR	<p>CLASSIFIED AS A NON-POLLUTING LIQUID SUBSTANCE. DOCUMENTARY EVIDENCE OF ASSESSMENT AND APPROVAL REQUIRED BY A CARRIER. DISCHARGE INTO THE SEA IS NOT PROHIBITED.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	RECL	<p>8H-TWA: 300MG/M3 (100PPM). STEL(10MIN-TWA): 450MG/M3 (150PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,,,,10,1988 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 300MG/M3 (100PPM) - 10MIN-STEL: 450MG/M3 (150PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1120</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 150 MG/M3 (50 PPM). TENTATIVE VALUE.</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : tert-Butanol

RTECS Number : EO1925000

CAS Number : 75-65-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 300 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 450 MG/M3 (150 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	AMBI	PSL	<p>0.3 MG/M3 1X/D</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> DEC1983</p> <p><u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Entry / Update :</u> SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>1.0 MG/L HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>TWA: 150 MG/M3 (50 PPM) (SKIN ABSORPTION). STEL: 250 MG/M3 (75 PPM).</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (APPLIES TO BUTANOLS). UN NO. 1120</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>8000 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,52,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,52,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 100 PPM, 303 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 150 PPM, 455 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372.65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372.65,1988 <u>Entry / Update :</u> OCT1991</p>

Common Name : tert-Butanol

RTECS Number : EO1925000

CAS Number : 75-65-0

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME ALIPHATIC ALCOHOLS, C1-C5THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D</p> <p><u>Reference _____ :</u> FEREAC,54,204,43388,1989</p> <p><u>Last Amendment :</u> FEREAC,54,204,43388,1989</p>	<p><u>Effective Date :</u> 1989</p> <p><u>Entry / Update :</u> JAN1992</p>
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Common Name : 2-Butanone

RTECS Number : EL6475000

CAS Number : 78-93-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 590 MG/M3 (200 PPM); 15 MIN - STEL: 885 MG/M3 (300 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>460 MG/M3 (155 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM)</p> <p><u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference :</u> SMTBR*,3,,144,1980 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1193. CLASS (3.2): FLAMMABLE LIQUID. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER).MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 200 PPM, 590 MG/M3; STEL: 300 PPM, 885 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATETHAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : 2-Butanone

RTECS Number : EL6475000

CAS Number : 78-93-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	BAT	<p>URINE: 5 MG/L. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 200 ML/M3 (PPM); 590 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 400 ML/M3 (PPM); 1180 MG/M3; AVERAGE VALUE; 4X/SHIFT. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS. VAPOUR PRESSURE: 10.5 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS III. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). LABEL: F - HIGHLY FLAMMABLE; XI - IRRITANT; HIGHLY FLAMMABLE (R 11); IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); AVOID CONTACT WITH EYES (S 25); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : 2-Butanone

RTECS Number : EL6475000

CAS Number : 78-93-3

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FOOD FOOD	- INDST	MRL PRMT	THIS SUBSTANCE, PROVIDED IT SATISFIES THE PURITY CRITERIA LAID DOWN, MAY BE USED AS AN EXTRACTION SOLVENT DURING THE PROCESSING OF RAW MATERIALS OF FOODSTUFFS, OF FOOD COMPONENTS OR OF FOOD INGREDIENTS. MRL IN THE FOODSTUFF DUE TO THE USE OF THE EXTRACTION SOLVENTS IN THE PREPARATION OF FLAVOURINGS FROM NATURAL FLAVOURING MATERIALS: 1 MG/KG. <u>Title :</u> COUNCIL DIRECTIVE OF 13 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS AND FOOD INGREDIENTS. (88/344/EEC). <u>Reference :</u> OJEC**,L157,,28,1988 <u>Effective Date :</u> 13JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1991
EEC	REG	FOOD FOOD	- INDST	MRL PRMT	THIS SUBSTANCE, PROVIDED IT SATISFIES THE PURITY CRITERIA LAID DOWN, MAY BE USED AS AN EXTRACTION SOLVENT FOR: -THE FRACTIONATION OF FATS AND OILS (MRL: 5 MG/KG IN THE FAT OR OIL). -THE DECAFFEINATION OF, OR REMOVAL OF IRRITANTS AND BITTERINGS FROM COFFEE AND TEA (MRL; 20 MG/KG IN THE COFFEE OR TEA). <u>Title :</u> COUNCIL DIRECTIVE OF 13 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS AND FOOD INGREDIENTS. (88/344/EEC). <u>Reference :</u> OJEC**,L157,,28,1988 <u>Effective Date :</u> 13JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1991
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. IT MAY BY USED AS SOLVENT; MAXIMUM TOTAL QUANTITY OF ALL SOLVENTS: 0.6 MG/DM2 ON THE SIDE IN CONTACT WITH FOODSTUFFS. <u>Title :</u> COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC). <u>Reference :</u> OJEC**,L123,,31,1983 <u>Effective Date :</u> 01APR1987 <u>Last Amendment :</u> OJEC**,L228,,32,1986 <u>Entry / Update :</u> OCT1987
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2(Y)E <u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference :</u> GBRSI*,1702,,1978 <u>Effective Date :</u> 28MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RQR RQR	CLASSIFIED AS A NON-POLLUTING LIQUID SUBSTANCE. DOCUMENTARY EVIDENCE OF ASSESSMENT AND APPROVAL REQUIRED BY A CARRIER. DISCHARGE INTO THE SEA IS NOT PROHIBITED. <u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2 <u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987 <u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 590MG/M3 (200PPM). STEL(10MIN-TWA): 885MG/M3 (300PPM) <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1193. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991

Common Name : 2-Butanone

RTECS Number : EL6475000

CAS Number : 78-93-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 590 MG/M3 (200 PPM)</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 590 MG/M3 (200 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 590 MG/M3 (200 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 885 MG/M3 (300 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>1.0 MG/L HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	AMBI	PSL	<p>0.1 MG/M3 1X/D</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : DEC1983</p> <p><u>Last Amendment</u> : OBUAV*,2947-83,,,1983 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 200.0 MG/M3 (VAPOUR) HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 150 MG/M3 (50 PPM); 15 MIN - STEL: 300 MG/M3 (100 PPM).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : 2-Butanone

RTECS Number : EL6475000

CAS Number : 78-93-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1193. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 200 PPM, 590 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 300 PPM, 885 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,11,1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	3000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,48,1990 <u>Last Amendment :</u> XPHPAW,90,117,48,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTA NCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference :</u> FEREAC,42,,14534,1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	RESIDUE LIMIT NOT TO EXCEED 0.1 PERCENT BY WEIGHT OF THE FINISHED CELLOPHANE.THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBST ANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988. <u>Title :</u> INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE. <u>Reference :</u> FEREAC,42,,14572,1977 <u>Last Amendment :</u> CFRUS*,21,177,1200,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991

Common Name : 2-Butanone

RTECS Number : EL6475000

CAS Number : 78-93-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME METHYL ETHYL KETONETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C.</p> <p><u>Reference</u> : FEREAC,54,140,30846,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	DRINK	CLASS	<p>AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).</p> <p><u>Title</u> : SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS</p> <p><u>Reference</u> : FEREAC,53,,1892,1988 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,56,,1473,1991 <u>Entry / Update</u> : OCT1991</p>

Common Name : 2-Butanone

RTECS Number : EL6475000

CAS Number : 78-93-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	USE PACK	-	RQR RQR	<p>THIS SUBSTANCE IS LISTED AS AN ADJUVANT OF RELEASE AGENTS, WAXES, AND DISPERSANTS. THIS SUBSTANCE IS INCLUDED IN A LIST OF RESINOUS AND POLYMERIC COATINGS WHICH MAY BE USED AS THE FOOD CONTACT SURFACE OF ARTICLES IF THE COATING IS APPLIED AS A CONTINUOUS FILM PRODUCED FROM ANY BASIC OLEFIN POLYMER LISTED IN 21 CFR 177.1520 1988 AND FOR MULATED FROM OPTIONAL SUBSTANCES WHICH ARE RECOGNIZED AS SAFE FOR USE IN OR ON FOOD AND FROM SUBSTANCES SUBJECT TO LIMITATIONS AS DESCRIBED HERE.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS FOR POLYOLEFIN FILMS</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,320,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>200.0 MG/L THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p><u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : **sec-Butylamine**RTECS Number : **EO3325000**CAS Number : **13952-84-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER FLAMMABLE LIQUIDS, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT. THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THEY ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 5 ML/M3 (PPM); 15 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 25 ML/M3 (PPM); 75 MG/M3; AVERAGE VALUE; 2X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN, MILK, MILK PRODUCTS: 1.0 MG/KG. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%AND AS HARMFUL AT >2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title :</u> COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference :</u> OJEC**,L206,,13,1978 <u>Effective Date :</u> <u>Last Amendment :</u> OJEC**,L144,,1,1984 <u>Entry / Update :</u> APR1986
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: F - HIGHLY FLAMMABLE; C - CORROSIVE; HIGHLY FLAMMABLE (R 11); HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); CAUSES SEVERE BURNS (R 35); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39). <u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: WITHDRAWN; MRL (TEMPORARY): CITRUS FRUIT: 30 MG/KG; CITRUS JUICE: 0.5 MG/KG; CARCASE MEAT OF CATTLE, GOATS, PIGS AND SHEEP: 0.1 MG/KG (EXPRESSED AS SEC-BUTYLAMINE BASE) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,89-IV,1986 <u>Entry / Update :</u> APR1991

Common Name : **sec-Butylamine**RTECS Number : **EO3325000**CAS Number : **13952-84-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 5-50 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED: DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (REGULATION APPLIES TO ALL BUTYLAMINE ISOMERS)</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>CITRUS FRUITS : 30 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,1989 <u>Entry / Update</u> : 1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>

Common Name : Butylate

RTECS Number :

CAS Number : 2008-41-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1 MG/KG; SECURITY INTERVAL: NOT SPECIFIED; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,8,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; MICROENCAPSULATED SUSPENSION). CODE SUT. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title</u> : <u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference</u> : SPPOR*,290,1990 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	MAIZE: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: MAIZE: 0.1 MG/KG <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
RUS	REG	SOIL	-	PSL	0.6 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : MCH1982 <u>Last Amendment</u> : ODKPP*,2530-82,,,1982 <u>Entry / Update</u> : OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1986 <u>Last Amendment</u> : SCHSB*,1986-90,,,1987 <u>Entry / Update</u> : NOV1987
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, BUTYLATE, 1983. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992

Common Name : Butyl Benzyl Phthalate

RTECS Number : TH9990000

CAS Number : 85-68-7

Area Type Subject Spec. Description Level / Summary Information :

CAN REC WASTE EMI GL
AQ

THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.0006 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.

Title :Reference : CCMEEC,,,1989Effective Date : AUG1989Last Amendment :Entry / Update : DEC1991

CAN REG USE OCC RQR
STORE LABEL

INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.

Title :Reference : CAGAAK,122,2,551,1988Effective Date : 31DEC1987Last Amendment :Entry / Update : APR1991

DEU REC AQ - CLASS
USE INDST RQR

THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.

Title : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)Reference : GMSMA6,,8,114,1990Effective Date :Last Amendment :Entry / Update : DEC1991

EEC REG FOOD - RQR
FOOD FOOD MXL
FOOD FOOD RSTR

THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. IT MAY BE USED AS PLASTICIZER IN TOTAL AMOUNT: 12.5 MG/DM2 ON THE SIDE IN CONTACT WITH FOODSTUFFS.

Title : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).Reference : OJEC**,L123,,31,1983Effective Date : 01APR1987Last Amendment : OJEC**,L228,,32,1986Entry / Update : OCT1987

GBR REG TRNSP MARIN RQR
AQ MARIN RSTR
AQ EMI RSTR
AQ EMI MAC

CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.

Title : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1Reference : GBRSI*,551,,15,1987Effective Date : 06APR1987Last Amendment : GBRSI*,2604,,2,1990Entry / Update : 1992

Common Name : Butyl Benzyl Phthalate

RTECS Number : TH9990000

CAS Number : 85-68-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 5 MG/M3 <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 5 MG/M3. <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3 (VAPOUR, AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 3 MG/M3, 15 MIN - STEL: 5 MG/M3. THE SAME LIMIT APPLIES ALSO TO OTHER ORGANIC PHTHALATES FOR WHICH NO SPECIAL LIMIT HAS BEEN ESTABLISHED. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference :</u> FEREAC,42,,14534,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Entry / Update :</u> NOV1991

Common Name : Butyl Benzyl Phthalate

RTECS Number : TH9990000

CAS Number : 85-68-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	USE FOOD STORE MANUF PACK	- ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT OR OIL ON THE SURFACE. THESE SUBSTANCES ARE NOT TO BE USED IN QUANTITIES WHICH EXCEED THAT REQUIRED TO ACCOMPLISH THEIR INTENDED PHYSICAL OR TECHNICAL EFFECT AND ARE SO USED AS TO ACCOMPLISH NO EFFECT IN FOOD OTHER THAN THAT ORDINARILY ACCOMPLISHED BY PACKAGING.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD</p> <p><u>Reference</u> : FEREAC,42,,14554,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,176,180,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THESE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>THE QUANTITY USED SHALL NOT EXCEED THE AMOUNT REASONABLY REQUIRED TO ACCOMPLISH THE INTENDED TECHNICAL EFFECT.; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH HAVE BEEN CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD, PROVIDED THAT THE FOOD-CONTACT SURFACE IN ITS FINISHED FORM WHEN EXTRACTED WITH THE SOLVENTS CHARACTERIZING THE TYPE OF FOOD, AND UNDER THE CONDITIONS OF TIME AND TEMP. CHARACTERIZING THE CONDITIONS OF ITS INTENDED USE AS DETERMINED IN 21 CFR 176.170(C)TABLE 1 & 2 SHALL YIELD NET CHLOROFORM-SOLUBLE EXTRACTIVES (CORRECTED FOR WAX, PETROLATUM, MINERAL OIL, AND ZINC EXTRACTIVES AS ZINC OLEATE)NOT TO EXCEED 0.5 MG/IN² OF FOOD CONTACT SURFACE AS DETERMINED BY THE METHODS DESCRIBED IN 21 CFR 176.170(D).SUBSTANCES ALSO LIMITED SPECIFICALLY IN THEIR USAGES MAY ALSO BE USED FOR DRY NON-OILY FOODS</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS-COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH AQUEOUS AND FATTY FOODS</p> <p><u>Reference</u> : FEREAC,42,,14554,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,176,170,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	FOOD MANUF PACK USE	ADDIT ADDIT ADDIT	RSTR RSTR RSTR	<p>; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED FOR USE AS PLASTICIZERS IN POLYMERIC SUBSTANCES USED IN THE MANUFACTURE OF ARTICLES INTENDED TO BE USED IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, OR HOLDING FOOD. THE QUANTITY USED SHALL NOT EXCEED THE AMOUNT REASONABLY REQUIRED TO ACCOMPLISH THE INTENDED TECHNICAL EFFECT. THE AMOUNT OF EACH PLASTICIZER USED IS LIMITED TO THE PERCENT OF PLASTICIZER BY WEIGHT OF POLYMERIC BASE, THE THICKNESS OF THE MATERIAL, OR FOOD TYPE FOR INTENDED USE (21 CFR 178.3740 1988).</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: ADJUVANTS, PRODUCTION AIDS, AND SANITIZERS- PLASTICIZERS IN POLYMERIC SUBSTANCES.</p> <p><u>Reference</u> : FEREAC,42,,14609,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,178,3740,1988 <u>Entry / Update</u> : NOV1991</p>

Common Name : Butyl Cellosolve

RTECS Number : KJ8575000

CAS Number : 111-76-2

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 120 MG/M3 (25 PPM). SKIN ABSORPTION. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2369. CLASS (6.1): POISONOUS. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 220 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	AIR	OCC	TLV	TWA: 25 PPM, 120 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 20 ML/M3 (PPM); 100 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 40 ML/M3 (PPM); 200 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REC	AQ USE	-	CLASS RQR	INDST THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991

Common Name : Butyl Cellosolve

RTECS Number : KJ8575000

CAS Number : 111-76-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). XI - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM (R 37). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITHSKIN AND IF SWALLOWED (R 20/21/22); IRRITATING TO EYES (R 37); AVOID CONTACT WITH SKIN AND EYES (S 24/25). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); IRRITATING TO EYES (R 37). FROM 12.5% TO 20%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. IT MAY BY USED AS SOLVENT; MAXIMUM TOTAL QUANTITY OF ALL SOLVENTS: 0.6 MG/DM2 ON THE SIDE IN CONTACT WITH FOODSTUFFS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 120 MG/M3 (25 PPM). SKIN ABSORPTION. FROM 1.1.88.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RQR RQR	<p>CLASSIFIED AS A NON-POLLUTING LIQUID SUBSTANCE. DOCUMENTARY EVIDENCE OF ASSESSMENT AND APPROVAL REQUIRED BY A CARRIER. DISCHARGE INTO THE SEA IS NOT PROHIBITED.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 120 MG/M3 (25 PPM) - SKIN ABSORPTION -</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : Butyl Cellosolve

RTECS Number : KJ8575000

CAS Number : 111-76-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2369. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 120 MG/M3 (26 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 360 MG/M3 (75 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	PSL	CLV: 5.0 MG/M3 (VAPOUR) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUVR*,4613-88,,,1988 <u>Effective Date :</u> APR1988 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	OCC	MAC	CLV: 5.0 MG/M3 (VAPOUR) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1988 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 100 MG/M3 (20 PPM), 15 MIN - STEL: 250 MG/M3 (50 PPM), SKIN ABSORPTION. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2369. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	SAFTY USE	OCC OCC	MXL MXL	700 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,50,1990 <u>Last Amendment :</u> XPHPAW,90,117,50,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 25 PPM, 121 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME CELLOSOLVE ESTERSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C. <u>Reference :</u> FEREAC,54,140,30846,1989 <u>Last Amendment :</u> FEREAC,54,140,30846,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : n-Butyl Phthalate

RTECS Number : TI0875000

CAS Number : 84-74-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 5 MG/M3 <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972; HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): NA9095. CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIALPROVISIONS: 49, 110. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	AIR	OCC	TLV	TWA: 5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CSK	REG	WASTE	INDST	CLASS RQR	THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO WASTE PVC PLASTICIZERS) <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE <u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
CSK	REG	AIR	OCC	MAC	TWA: 5.0 MG/M3; CLV: 10.0 MG/M3 <u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT <u>Reference :</u> HPMZC*,39,,,1978 <u>Effective Date :</u> MCH1985 <u>Last Amendment :</u> HPMZC*,58,,,1985 <u>Entry / Update :</u> DEC1991
CSK	REG	FOOD GOODS	-	PRMT	COMPONENT OF RUBBER PRODUCTS, PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. <u>Title :</u> DIRECTIVE NO. 62 ON HYGIENIC REQUIREMENTS ON RUBBERS AND RUBBER GOODS COMING IN CONTACT WITH FOODSTUFFS AND HUMAN ORGANISM <u>Reference :</u> HPMZC*,54,,,1982 <u>Effective Date :</u> 1JAN1983 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991

Common Name : n-Butyl Phthalate

RTECS Number : T10875000

CAS Number : 84-74-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. IT MAY BE USED AS PLASTICIZER IN TOTAL AMOUNT: 12.5 MG/DM2 ON THE SIDE IN CONTACT WITH FOODSTUFFS. <u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC). <u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987 <u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987
GBR	REG	TRNSP AQ AQ AQ	MARIN MARIN EMI EMI	RQR RSTR RSTR MAC	CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. <u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1 <u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987 <u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 5 MG/M3. STEL (10 MIN-TWA): 10 MG/M3. <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AIR	AMBI	PSL	0.1 MG/M3 1X/D <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : OBUAV*,2947-83,,1983 <u>Effective Date</u> : DEC1983 <u>Entry / Update</u> : SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.5 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: II <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Effective Date</u> : 01JAN1989 <u>Entry / Update</u> : MAY1990
RUS	REG	AQ	SURF	MAC CLASS	0.2 MG/L HAZARD CLASS: III <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Effective Date</u> : 1JAN1989 <u>Entry / Update</u> : JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 3 MG/M3, 15 MIN - STEL: 5 MG/M3. THE SAME LIMIT APPLIES ALSO TO OTHER ORGANIC PHTHALATES FOR WHICH NO SPECIAL LIMIT HAS BEEN ESTABLISHED. <u>Title</u> : HYGIENIC LIMIT VALUES. <u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992

Common Name : n-Butyl Phthalate

RTECS Number : TI0875000

CAS Number : 84-74-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	9300 MG/M3 <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,84,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,84,1990 <u>Entry / Update</u> : OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991
USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH HAVE BEEN CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD, PROVIDED THAT THE FOOD-CONTACT SURFACE IN ITS FINISHED FORM WHEN EXTRACTED WITH THE SOLVENTS CHARACTERIZING THE TYPE OF FOOD, AND UNDER THE CONDITIONS OF TIME AND TEMP. CHARACTERIZING THE CONDITIONS OF ITS INTENDED USE AS DETERMINED IN 21 CFR 176.170(C)TABLE 1 & 2 SHALL YIELD NET CHLOROFORM-SOLUBLE EXTRACTIVES (CORRECTED FOR WAX, PETROLATUM, MINERAL OIL, AND ZINC EXTRACTIVES AS ZINC OLEATE)NOT TO EXCEED 0.5 MG/IN ² OF FOOD CONTACT SURFACE AS DETERMINED BY THE METHODS DESCRIBED IN 21 CFR 176.170(D).SUBSTANCES ALSO LIMITED SPECIFICALLY IN THEIR USAGES MAY ALSO BE USED FOR DRY NON-OILY FOODS <u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS-COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH AQUEOUS AND FATTY FOODS <u>Reference</u> : FEREAC,42,,14554,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,176,170,1988 <u>Entry / Update</u> : NOV1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME PHTHALATE ESTERSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C. <u>Reference</u> : FEREAC,54,140,30846,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992
USA	REG	WASTE STORE TRANSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992

Common Name : n-Butyl Phthalate

RTECS Number : TI0875000

CAS Number : 84-74-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR	EMI	RQR	<p>; SUMMARY - FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG); SUMMARY - FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>; SUMMARY - THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>; SUMMARY - FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>; SUMMARY - THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H)(2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : n-Butyl Phthalate**RTECS Number :** T10875000**CAS Number :** 84-74-2

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ	-	RQR	; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991
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Common Name : **Cacodylic Acid**RTECS Number : **CH7525000**CAS Number : **75-60-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1572. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 99, 118. PACKING GROUP II, (I=GREAT DANGER,III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1572.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1572.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /ARSENIC & SOLUBLE CMPD, AS AS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>100 MG/M3 /ARSENIC & CMPD, AS AS/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,42,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,42,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R MOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME CACODYLIC ACID, AND SALTSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992</p>

Common Name : **Cacodylic Acid**RTECS Number : **CH7525000**CAS Number : **75-60-5****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.05 MG/M3 (APPLIES TO DUST OF CADMIUM AND ITS SALTS, CALCULATED AS CD). POTENTIAL CARCINOGEN. (SUBMITTED FOR MODIFICATION).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
ARG	REG	AQ	EMI	PL	<p>INDUSTRIAL EFFLUENTS - PERMISSIBLE LIMIT: 0.1 MG/L.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 15SEP1978</p> <p><u>Last Amendment :</u> ADECP*,2125,... <u>Entry / Update :</u> 1982</p>
CAN	REC	AQ	EMI	GL	<p>SCHEDULE I - OBJECTIVES FOR SUBSTANCES: MAX.TOTAL CONCENTRATION - 15. MG/L. PRESCRIBED BY THE METAL FINISHING LIQUID EFFLUENT GUIDELINES, WHICH FALL UNDER THE FISHERIES ACT (ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND THE ENVIRONMENT). THE INTENT OF THESE GUIDELINES IS TO CONTROL THE DISCHARGE OF LIQUID EFFLUENTS FROM THE PORTION OF THE METAL FINISHING INDUSTRY WHICH INCLUDES ELECTROPLATING, ELECTROFORMING, ANODIZING, ELECTROCHEMICAL MACHINING, ELECTROCHEMICAL POLISHING, ELECTROLESS PLATING, CHROMATING AND CYANIDE HARDENING. THEY SET OBJECTIVES FOR THE MAXIMUM CONCENTRATION OF CERTAIN SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAE0,111,,5957,1977 <u>Effective Date :</u> NOV1977</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 0.1 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE. A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,.,.,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.005 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,.,.,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REG	AQ WASTE	MARIN	PRO RSTR CLASS	<p>PROHIBITED SUBSTANCE - NO DUMPING IN OCEAN PERMITTED EXCEPT IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF A PERMIT (IN SPECIAL CIRCUMSTANCES). THE QUANTITY OF CADMIUM AND CADMIUM COMPOUNDS THAT MAY BE CONTAINED IN ANOTHER SUBSTANCE IS 0.6 MG PER KG IN THE SOLID PHASE OF WASTE, AND 3.0 MG PER KG IN THE LIQUID PHASE OF WASTE. THESE RESTRICTIONS ARE PRESCRIBED BY THE OCEAN DUMPING REGULATIONS, 1988, WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE). THE REGULATIONS SPECIFY THE INFORMATION AND FEES REQUIRED FOR AN APPLICATION TO DUMP SUBSTANCES AT SEA, CONDITIONS FOR A PERMIT TO DUMP AT SEA, AND REPORTS REQUIRED FOR EMERGENCY DUMPING.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,123,23,4490,1989 <u>Effective Date :</u> 19OCT1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO CADMIUM ELEMENTAL)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>DUSTS AND SALTS, AS CD - TWA: 0.05 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA TOYS, EQUIPMENT AND OTHER PRODUCTS FOR USE BY A CHILD IN LEARNING OR PLAY THAT HAVE APPLIED TO THEM A DECORATIVE OR PROTECTIVE COATING THAT CONTAINS ANY COMPOUND OF CADMIUM INTRODUCED AS SUCH IF MORE THAN 0.1 PERCENT OF SUCH COMPOUNDS DISSOLVES IN 5 PERCENT HYDROCHLORIC ACID AFTER STIRRING FOR TEN MINUTES AT 20 DEGREES CENTIGRADE; PRODUCTS THAT ARE FOR USE OR THAT MAY BE USED IN STORING PREPARING OR SERVING ANY FOOD AS DEFINED IN THE FOOD AND DRUGS ACT AND ARE MADE IN WHOLE OR IN PART OF CERAMICS HAVING A GLAZE THAT CONTAINS CADMIUM. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	AQ	SURF	MAC	<p>0.3 MG/L (APPLIES ALSO TO COMPOUNDS)</p> <p><u>Title :</u> GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference :</u> SZCSR*,9,125,1975 <u>Effective Date :</u> APR1975</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS (APPLIES TO CADMIUM AND ITS COMPOUNDS)</p> <p><u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference :</u> HPMZC*,32,,,1970 <u>Effective Date :</u> 1JAN1971</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.01-1.0 MG/KG (SPECIFIED FOOD PRODUCTS); 0.01-0.05 MG/KG (SPECIFIED BEVERAGES). (APPLIES TO CADMIUM AND ITS COMPOUNDS).</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.003 MG/L II CLASS: BELOW 0.005 MG/L III CLASS: BELOW 0.01 MG/L IV CLASS: BELOW 0.02 MG/L V CLASS: ABOVE 0.02 MG/L</p> <p><u>Title :</u> WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY</p> <p><u>Reference :</u> CSNOR*,757221,,,1989 <u>Effective Date :</u> 01JUL1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	TWA: 0.05 MG/M3, CLV: 0.1 MG/M3 (CALCULATED AS CD) (APPLIES TO CD AND ITS COMPOUNDS) <u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT <u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985 <u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	DRINK	MAC	0.005 MG/L (APPLIES ALSO TO COMPOUNDS) <u>Title</u> : WATER QUALITY. DRINKING WATER <u>Reference</u> : CSNOR*,757111,,,1989 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	WASTE	INDST	CLASS RQR	THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE. <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE <u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	AIR	AMBI	MAC	AVERAGE YEARLY CONCENTRATION: 0.01 UG/M3 <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	AIR	EMI	MXL	EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 0.2 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 0.2 MG/M3 (ALL LIMITS APPLY TO SUM OF MERCURY, THALLIUM AND CADMIUM AT COMBUSTION GAS AT NORMAL CONDITIONS: PRESSURE - 101.32 KPA, TEMPERATURE - 0 C) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT) (APPLIES TO CADMIUM AND ITS COMPOUNDS EXPRESSED AS CADMIUM) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	SLUDG USE	AGRIC	MAC	MAC IN INDUSTRIAL COMPOSTS: 13 MG/KG (APPLIES TO COMPOST COMPONENTS); 2 MG/KG (APPLIES TO 1.CLASS COMPOST); 4 MG/KG (APPLIES TO 2.CLASS COMPOST - NOT ALLOWED TO USE FOR GROWING OF PRODUCTS FOR DIRECT CONSUMPTION) <u>Title</u> : INDUSTRIAL COMPOST <u>Reference</u> : CSNOR*,465735,,,1991 <u>Effective Date</u> : 1JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	FEED	-	MXL	MXL: 0.3 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.05-1.0 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS) <u>Title</u> : NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH <u>Reference</u> : SZCSR*,25,609,1987 <u>Effective Date</u> : 1JAN1988 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	SURF DRINK	MAC	0.01 MG/L (APPLIES TO CADMIUM AND ITS COMPOUNDS IN DRINKING WATER RESERVE) <u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION <u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AQ	GRND	CLASS	CADMIUM AND CADMIUM COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference</u> : GMSMA6,8,114,1990 <u>Effective Date</u> : <u>Entry / Update</u> : DEC1991

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2), NO MAK VALUE ESTABLISHED. APPLIES TO CADMIUM AND BIOAVAILABLE CADMIUM COMPOUNDS (AS INSPIRABLE DUSTS/AEROSOLS).</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE TOTAL CONCENTRATION OF DUSTS OF CADMIUM, MERCURY AND THALLIUM AS WELL AS THEIR INORGANIC COMPOUNDS (I.E. THE CLASS I INORGANIC DUSTS) MUST NOT EXCEED 0.2 MG/M3 (CALCULATED AS THE METAL) AT A MASS FLOW OF >= 1 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	AMBI	RSTR	<p>IN THE CONSIDERATION OF GRANTING PERMITS FOR THE INSTALLATION OF NEW INDUSTRIAL PLANTS THE FOLLOWING IMMISSION VALUE (IW) - SET TO PROTECT AGAINST HEALTH RISKS - SHOULD BE TAKEN INTO ACCOUNT FOR CADMIUM AND INORGANIC CADMIUM COMPOUNDS AS COMPONENTS OF AIRBORNE DUST: IW1 = 0.04 UG/M3, CALCULATED AS CADMIUM. DETAILED PROCEDURES FOR THE DETERMINATION OF IMMISSION VALUES ARE GIVEN.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING CADMIUM COMPOUNDS MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING CADMIUM COMPOUNDS IS PROHIBITED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>0.005 MG/L (CALCULATED AS CD) CORRESPONDING TO ABOUT 0.04 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.002 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AQ AQ	EMI EMI	RQR TLV	<p>WASTE WATER CHARGES ARE LEVIED BY THE FEDERAL STATES WHEN WASTE WATER DISCHARGED INTO A WATER BODY EXCEEDS THE THRESHOLD VALUES FOR CADMIUM AND CADMIUM COMPOUNDS OF 5 UG/L AND AN ANNUAL AMOUNT OF 500 G. THE CHARGE PER HARMFUL UNIT WHICH CORRESPONDS TO 100 G OF CADMIUM AND CADMIUM COMPOUNDS AMOUNTS TO 50 GERMAN MARKS SINCE 01 JANUARY 1991. IT WILL BE INCREASED EVERY SECOND YEAR UP TO 90 GERMAN MARKS AS OF 01 JANUARY 1999.</p> <p><u>Title</u> : SEWAGE CHARGE LAW (ABWASSERABGABENGESETZ)</p> <p><u>Reference</u> : BGZBAD,,I,2432,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	AMBI	RSTR	<p>IN THE CONSIDERATION OF GRANTING PERMITS FOR THE INSTALLATION OF NEW INDUSTRIAL PLANTS THE FOLLOWING IMMISSION VALUE (IW) - SET TO PROTECT AGAINST ADVERSE AND NUISANCE EFFECTS - SHOULD BE TAKEN INTO ACCOUNT FOR CADMIUM AND INORGANIC CADMIUM COMPOUNDS AS COMPONENTS OF DUST PRECIPITATION: IW1 = 5 UG/M2 PER DAY, CALCULATED AS CADMIUM. DETAILED PROCEDURES FOR THE DETERMINATION OF IMMISSION VALUES ARE GIVEN.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 5 UG CD/L, GL :- (ATOMIC ABSORPTION) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FEED	-	MPC	<p>MAXIMUM PERMITTED CONTENT OF THE SUBSTANCE IN THE SPECIFIED RAW MATERIALS IS 15 MG/KG OF RAW MATERIAL WITH A MOISTURE CONTENT OF 12%. THE RAW MATERIALS MAY BE MARKETED ONLY IF THEIR CONTENT OF THE SUBSTANCE DOES NOT EXCEED THE MAXIMUM LEVEL LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC).</p> <p><u>Reference</u> : OJEC**L38,,31,1974 <u>Effective Date</u> : 01DEC1987</p> <p><u>Last Amendment</u> : OJEC**L60,,16,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF ELEMENTAL OR IONIC CADMIUM IN STRAIGHT FEEDINGSTUFFS: 1-2 MG/KG; IN COMPLETE FEEDINGSTUFFS: 0.5-1.0 MG/KG; IN MINERAL FEEDINGSTUFFS: 5-10 MG/KG (AT MOISTURE CONTENT OF 12%).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC).</p> <p><u>Reference</u> : OJEC**L38,,31,1974 <u>Effective Date</u> : 01DEC1987</p> <p><u>Last Amendment</u> : OJEC**L60,,16,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	AQ AQ	EMI MARIN	RSTR RSTR	<p>CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO ELIMINATE POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DECISION OF 3 MARCH 1975 CONCLUDING THE CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES. (75/437/EEC).</p> <p><u>Reference</u> : OJEC**L194,,5,1975 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AIR WASTE	EMI REMOV	MXL RQR	<p>EMISSION LIMIT VALUES FOR THE SUBSTANCE EMITTED AS A RESULT OF THE COMBUSTION OF WASTE OILS: 0.5 MG/M3 (APPLIES TO PLANTS WITH A THERMAL INPUT OF 3MW OR MORE). THE LIMIT VALUES INDICATE THE MASS CONCENTRATION OF EMISSIONS OF THE SUBSTANCE IN WASTE GAS IN TERMS OF THE VOLUME OF WASTE GAS IN THE STANDARD STATE, AFTER DEDUCTION OF THE WATER VAPOUR MOISTURE CONTENT AND OF A 3% OXYGEN CONTENT BY VOLUME IN WASTE GAS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 ON THE DISPOSAL OF WASTE OILS. (75/439/EEC).</p> <p><u>Reference</u> : OJEC**L194,,23,1975 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**L42,,43,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR CADMIUM IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.005 MG CD/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS. GUIDELINE VALUES: 0.001 MG CD/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)</p> <p><u>Reference</u> : OJEC**L194,,26,1975 <u>Effective Date</u> : 25JUL1977</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO ELIMINATE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST I). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND THE AUTHORIZATION SHALL LAY DOWN EMISSION STANDARDS. MEMBER STATES SHALL APPLY A SYSTEM OF ZERO-EMISSION TO DISCHARGES INTO GROUND WATER. (APPLIES TO CADMIUM AND ITS COMPOUNDS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	GOODS USE SALE	- INDST	PRO PRO PRO	<p>CADMIUM AND ITS COMPOUNDS MAY NOT BE USED TO GIVE COLOUR (EXCEPT FOR SAFETY REASONS) TO FINISHED PRODUCTS MANUFACTURED FROM THE SUBSTANCES AND PREPARATIONS LISTED IN THIS DIRECTIVE. IN ANY CASE, THE FINISHED PRODUCTS MAY NOT BE PLACED ON THE MARKET IF THEIR CADMIUM CONTENT (EXPRESSED AS CD METAL) EXCEEDS 0,01 % BY MASS OF THE PLASTIC MATERIAL AND FOR PAINTS WITH A HIGH ZINC CONTENT, 0,1 % BY MASS. CADMIUM AND ITS COMPOUNDS MAY NOT BE USED TO STABILIZE THE FINISHED PRODUCTS LISTED THAT ARE MANUFACTURED FROM POLYMERS OR COPOLYMERS OF VINYL CHLORIDE EXCEPT FOR SAFETY REASONS. CADMIUM AND ITS COMPOUNDS MAY NOT BE USED FOR CADMIUM PLATING OF METALLIC PRODUCTS OR COMPONENTS OF PRODUCTS USED IN THE SECTORS/APPLICATIONS LISTED. THE PLACING ON THE MARKET OF THESE PRODUCTS OR COMPONENTS OF SUCH PRODUCTS IS PROHIBITED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE	-	RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DECEMBER 1993).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC).</p> <p><u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR CADMIUM IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS AAS AND POLAROGRAPHY. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p><u>Reference</u> : OJEC**,L271,,44,1979 <u>Effective Date</u> : 09OCT1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ	MARIN	RQR	<p>QUALITY STANDARDS FOR SHELLFISH WATERS: THE CONC. OF THE METALS: SILVER, ARSENIC, CADMIUM, CHROMIUM, COPPER, MERCURY, NICKEL, LEAD AND ZINC (TAKING SYNERGISTIC EFFECTS INTO CONSIDERATION) MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD THEY AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD: AAS). MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 30 OCTOBER 1979 ON THE QUALITY REQUIRED OF SHELLFISH WATERS. (79/923/EEC).</p> <p><u>Reference</u> : OJEC**,L281,,47,1979 <u>Effective Date</u> : 10NOV1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF CADMIUM COMPOUNDS INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	ADDIT	MXL	<p>NO DETECTABLE QUANTITIES OF THIS SUBSTANCE MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	AQ MONIT	SURF METHD	RQR RQR	<p>THE TOTAL CONTENT OF CADMIUM SHALL AMONG OTHER PARAMETERS BE REPORTED IN THE EXCHANGE OF INFORMATION ON THE QUALITY OF SURFACE FRESH WATER IN THE COMMUNITY. THE REFERENCE METHOD OF MEASUREMENT OF THE TOTAL CONTENT OF CADMIUM IS ATOMIC ABSORPTION SPECTROPHOTOMETRY.</p> <p><u>Title</u> : COUNCIL DECISION OF 12 DECEMBER 1977 ESTABLISHING A COMMON PROCEDURE FOR THE EXCHANGE OF INFORMATION ON THE QUALITY OF SURFACE FRESH WATER IN THE COMMUNITY. (77/795/EEC).</p> <p><u>Reference</u> : OJEC**,L334,,29,1977 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L335,,44,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	<p>EMISSION LIMIT VALUES IN MG/NM3 AS A FUNCTION OF THE NOMINAL CAPACITY OF THE INCINERATION PLANT: - (LESS THAN 1 TONNE/H); 0.2 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 0.2 (3 TONNES/H OR MORE). THESE EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE; 101,3 KPA, 11% OXYGEN OR 9% CO₂, DRY GAS SHALL APPLY TO NEW MUNICIPAL WASTE INCINERATION PLANTS. (APPLIES TO THE SUM OF CADMIUM AND MERCURY).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 8 JUNE 1989 ON THE PREVENTION OF AIR POLLUTION FROM NEW MUNICIPAL WASTE INCINERATION PLANTS. (89/369/EEC).</p> <p><u>Reference</u> : OJEC**,L163,,32,1989 <u>Effective Date</u> : 01DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO CADMIUM COMPOUNDS MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE;2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL ANDANONYMOUS COLLECTIVE RESULTS; 3) ACCESS FOR WORKERS TO APPROPRIATE INFORMATION ON THE DANGERS PRESENTED BY THIS AGENT. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS(CHEMICAL, PHYSICAL, OR BIOLOGICAL LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE. A REFERENCE METHOD FOR THE MEASURING PROCEDURES IS GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 NOVEMBER 1980 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK. (80/1107/EEC).</p> <p><u>Reference</u> : OJEC**,L327,,8,1980 <u>Effective Date</u> : 21DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L356,,74,1988 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO CADMIUM AND CADMIUM COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	SALE WASTE	- CONSM	RQR RQR	<p>THIS DIRECTIVE CONCERNS THE DISPOSAL OR RECOVERY OF NON RE-USABLE BATTERIES AND ACCUMULATORS CONTAINING MORE THAN 0,025% CADMIUM BY WEIGHT THAT ARE PLACED ON THE MARKET AS FROM 18SEP1992. THESE BATTERIES AND ACCUMULATORS ARE TO BE COLLECTED SEPERATELY. WHERE APPROPRIATE, THE MARKING ON THE APPLIANCES INTO WHICH THEY ARE INCORPORATED MUST INCLUDE INDICATIONS ON SEPERATE COLECTION, RECYCLING AND HEAVY-METAL CONTENT. AS OF 1JAN1994, THESE BATTERIES AND ACCUMULATORS MUST NOT BE INCORPORATED INTO APPLIANCES UNLESS THEY CAN BE READILY REMOVED; EXCEPTIONS EXIST FOR CERTAIN CATEGORIES OF APPLIANCES (EG INFORMATION TECHNOLOGY, MEDICAL DEVICES). PROGRAMMES STARTING 18MCH1993 SHALL BE SET UP BY MEMBER STATES TO REDUCE THE USE OF DANGEROUS SUBSTANCES IN ACCUMULATORS AND BATTERIES AND THE CONSEQUENT PRODUCTION OF DANGEROUS WASTE. THESE PROGRAMMES ARE TO INCLUDE INFORMATION TO THE CONSUMERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 18 MARCH 1991 ON BATTERIES AND ACCUMULATORS CONTAINING CERTAIN DANGEROUS SUBSTANCES (91/157/EEC).</p> <p><u>Reference</u> : OJEC**,L78,,38,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	WASTE AQ MONIT	- MARIN METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CD IN NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**,L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	<p>EMISSION LIMIT VALUES IN MG/NM3 AS A FUNCTION OF THE NOMINAL CAPACITY OF THE INCINERATION PLANT: - (LESS THAN 1 TONNE/H); 0.2 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 0.2 (3 TONNES/H OR MORE). THESE EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE; 101,3 KPA, 11% OXYGEN OR 9% CO2, DRY GAS SHALL APPLY TO ALL EXISTING MUNICIPAL WASTE INCINERATION PLANTS AS OF 01DEC2000 AND FOR PLANTS WITH A NOMINAL CAPACITY OF 6 TONNES/H OR MORE AS OF 01DEC1996. MONITORING REQUIREMENTS ARE DEFINED. (APPLIES TO THE SUM OF CADMIUM AND MERCURY).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON THE REDUCTION OF AIR POLLUTION FROM EXISTING MUNICIPAL WASTE INCINERATION PLANTS. (89/429/EEC).</p> <p><u>Reference</u> : OJEC**,L203,,50,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	FOOD	-	MXL	<p>FLAVOURINGS MUST NOT CONTAIN MORE THAN 1 MG/KG OF THE SUBSTANCE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 22 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO FLAVOURINGS FOR USE IN FOODSTUFFS AND TO SOURCE MATERIALS FOR THEIR PRODUCTION. (88/388/EEC)</p> <p><u>Reference</u> : OJEC**,L184,,61,1988 <u>Effective Date</u> : 22JUN1990</p> <p><u>Last Amendment</u> : OJEC**,L42,,25,1991 <u>Entry / Update</u> : 1991</p>
EEC	REG	LABEL	-	RQR	<p>THE PACKAGING OF PREPARATIONS CONTAINING CADMIUM (ALLOYS) AND INTENDED TO BE USED FOR BRAZING OR SOLDERING MUST BEAR THE FOLLOWING INSCRIPTION PRINTED IN CLEARLY LEGIBLE AND INDELIBLE CHARACTERS: "WARNING] CONTAINS CADMIUM. DANGEROUS FUMES ARE FORMED DURING USE. SEE INFORMATION SUPPLIED BY THE MANUFACTURER. COMPLY WITH THE SAFETY INSTRUCTIONS."</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 7 JUNE 1988 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (88/379/EEC).</p> <p><u>Reference</u> : OJEC**,L187,,14,1988 <u>Effective Date</u> : 01JUN1991</p> <p><u>Last Amendment</u> : OJEC**,L64,,18,1989 <u>Entry / Update</u> : APR1992</p>
EEC	REG	SOIL - USE SLUDGE	EEC AGRIC - AGRIC	MXL - RQR RSTR	<p>LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SOIL: 1-3 MG/KG OF DRY MATTER IN A REPRESENTATIVE SAMPLE OF SOIL WITH A PH OF 6 TO 7; MEMBER STATES SHALL PROHIBIT THE USE OF SLUDGE WHERE THE CONCENTRATION OF THE SUBSTANCE EXCEEDS THE LIMIT VALUE LAID DOWN. LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SLUDGE FOR USE IN AGRICULTURE: 20-40 MG/KG OF DRY MATTER. LIMIT VALUE FOR AMOUNT OF THE SUBSTANCE WHICH MAY BE ADDED ANNUALLY TO AGRICULTURAL LAND: 0.15KG/HA/YR (BASED ON A 10-YEAR AVERAGE). THE CONDITIONS FOR THE USE OF SEWAGE SLUDGE CONTAINING ONE OR MORE HEAVY METALS IN AGRICULTURE ARE GIVEN; THE METHODS FOR SAMPLING AND ANALYSIS OF SEWAGE SLUDGE AND SOIL ARE ALSO LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON THE PROTECTION OF THE ENVIRONMENT, AND IN PARTICULAR OF THE SOIL, WHEN SEWAGE SLUDGE IS USED IN AGRICULTURE. (86/278/EEC).</p> <p><u>Reference</u> : OJEC**,L181,,6,1986 <u>Effective Date</u> : 12JUN1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	AQ AQ	EMI MARIN	PRO PRO	<p>THE COUNCIL APPROVES ON BEHALF OF THE COMMUNITY THE PROGRAMMES AND MEASURES RELATING TO MERCURY AND CADMIUM DISCHARGES WITHIN THE FRAMEWORK OF THE CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES. THE TEXTS OF THE SAID PROGRAMMES AND MEASURES ARE ATTACHED TO THIS DECISION. THESE INCLUDE PROGRAMMES AND MEASURES ON LIMIT VALUES AND QUALITY OBJECTIVES FOR MERCURY DISCHARGES BY SECTORS OTHER THAN THE CHLOR-ALKALI ELECTROLYSIS INDUSTRY AND LIMIT VALUES AND QUALITY OBJECTIVES FOR CADMIUM DISCHARGES.</p> <p><u>Title</u> : COUNCIL DECISION OF 20 DECEMBER 1985 CONCERNING THE ADOPTION, ON BEHALF OF THE COMMUNITY, OF PROGRAMMES AND MEASURES RELATING TO MERCURY AND CADMIUM DISCHARGES UNDER THE CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES. (85/613/EEC).</p> <p><u>Reference</u> : OJEC**,L375,,20,1985 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1986</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	WASTE EXPR IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p>Title : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p>Reference : OJEC**L326,,31,1984 Effective Date : 01JAN1987</p> <p>Last Amendment : OJEC**L48,,31,1987 Entry / Update : OCT1987</p>
EEC	REG	GOODS FOOD	-	MXL RSTR	<p>THE QUANTITY OF CADMIUM TRANSFERRED FROM CERAMIC ARTICLES, WHICH ARE INTENDED TO COME INTO CONTACT WITH FOODSTUFFS, SHALL NOT EXCEED THE FOLLOWING LIMITS: 0.07 MG/DM2 FOR ARTICLES WHICH CANNOT BE FILLED, 0.3 MG/L FOR ARTICLES WHICH CAN BE FILLED AND 0.1 MG/L FOR COOKING WARE. THE TEST METHOD FOR THE EXTRACTION OF CADMIUM FROM THE ARTICLES IS LAID DOWN.</p> <p>Title : COUNCIL DIRECTIVE OF 15 OCTOBER 1984 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO CERAMIC ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (84/500/EEC).</p> <p>Reference : OJEC**L277,,12,1984 Effective Date : 20OCT1987</p> <p>Last Amendment : Entry / Update : OCT1987</p>
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF HEAVY METALS OR THEIR COMPOUNDS.</p> <p>Title : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p>Reference : OJEC**L188,,20,1984 Effective Date : 30JUN1987</p> <p>Last Amendment : Entry / Update : APR1986</p>
EEC	REG	AQ AQ AQ	EMI FRESH MARIN	MXL RQR RQR	<p>LIMIT VALUES FOR CADMIUM IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONC. OR MONTHLY AVERAGE LOAD/KG CD HANDLED) WHICH ARE TO BE COMPLIED WITH BY A) 1.1.1986 AND B) 1.1.1989 ARE FOR: 1. ZINC MINING, LEAD AND ZINC REFINING, CADMIUM AND NON-FERROUS METAL INDUSTRY: A) 0.3 MG/L OF DISCHARGE B) 0.2 MG/L OF DISCHARGE. 2. MANUFACTURE OF CADMIUM COMPOUNDS: A) 0.5 MG/L DISCHARGE OR 0.5G/KG CD HANDLED; B) 0.2 MG/L DISCHARGE. 3. MANUFACTURE OF PIGMENTS: A) 0.5 MG/L OF DISCHARGE OR 0.3G/KG CD HANDLED; B) 0.2 MG/L OF DISCHARGE. 4. MANUFACTURE OF STABILIZERS: A) 0.5 MG/L OF DISCHARGE OR 0.5G/KG CD HANDLED; B) 0.2 MG/L OF DISCHARGE. 5. MANUFACTURE OF PRIMARY AND SECONDARY BATTERIES: A) 0.5 MG/L OF DISCHARGE OR 1.5G/KG CD HANDLED; B) 0.2 MG/L OF DISCHARGE. 6. ELECTROPLATING: A) 0.5 MG/L OF DISCHARGE OR 0.3G/KG CD HANDLED; B) 0.2 MG/L OF DISCHARGE. 7. MANUFACTURE OF PHOSPHORIC ACID AND/OR PHOSPHATIC FERTILIZERS FROM PHOSPHATIC ROCK: A) -B) -. (AT PRESENT THERE IS NO ECONOMICALLY FEASIBLE TECHNIQUE FOR EXTRACTING CADMIUM FROM SUCH DISCHARGES. (REFERENCE METHOD FOR MONITORING: AAS)</p> <p>Title : COUNCIL DIRECTIVE OF 26 SEPTEMBER 1983 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR CADMIUM DISCHARGES. (83/513/EEC)</p> <p>Reference : OJEC**L291,,1,1983 Effective Date : 24OCT1985</p> <p>Last Amendment : Entry / Update : APR1986</p>
EEC	REG	WASTE AQ MONIT	- FRESH METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO FRESH SURFACE WATER MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CD IN NON-FILTERED OR FILTERED WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)</p> <p>Title : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p>Reference : OJEC**L378,,1,1982 Effective Date : 01JAN1985</p> <p>Last Amendment : Entry / Update : APR1986</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	METHD	RQR	<p>THE ANALYTICAL REFERENCE PROCEDURES TO BE APPLIED FOR CONFIRMATION OF THE PRESENCE OF RESIDUES OF THE SUBSTANCE IN ANIMALS AND FRESH MEAT ARE: -ATOMIC ABSORPTION SPECTROMETRY (AAS) (GRAPHITE FURNACE OR FLAME); - ANODIC STRIPPING VOLTAMMETRY BY DERIVATIVE PULSE POLAROGRAPHY (DPASV). THE ANALYTICAL REFERENCE PROCEDURE OF CHOICE MUST BE BASED PREFERABLY ON ATOMIC ABSORPTION SPECTROMETRY (AAS). DEFINITIONS AND GENERAL CRITERIA APPLICABLE TO THESE PROCEDURES ARE GIVEN.</p> <p><u>Title</u> : COMMISSION DECISION OF 26 SEPTEMBER 1990 LAYING DOWN THE REFERENCE METHODS FOR DETECTING RESIDUES OF HEAVY METALS AND ARSENIC. (90/515/EEC).</p> <p><u>Reference</u> : OJEC**,L286,,33,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
F/W	REC	FOOD	-	ADI	<p>PROVISIONAL TOLERABLE WEEKLY INTAKE: 0.007 MG/KG BW</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : WHFAAC,24,,357,1989 <u>Entry / Update</u> : APR1991</p>
GBR	REG	AQ	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 5UG/L (TOTAL CADMIUM AND ITS COMPOUNDS, SOLUBLE AND INSOLUBLE), AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 1 SUBSTANCES ARE NOT EXCEEDED. THIS SYSTEM OF CLASSIFICATION IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATER (CLASSIFICATION) REGULATIONS 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 83/513/EEC. (APPLIES TO CADMIUM AND ITS COMPOUNDS).</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBR SI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	FOOD AQ	DRINK	RQR MRL	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL GIVE SATISFACTORY EVIDENCE TO THE RELEVANT AUTHORITY TO SHOW THAT THE WATER CONTAINS NO TOXIC SUBSTANCE SUCH AS CADMIUM IN AN AMOUNT EXCEEDING 5UG/L. THE RESULTS SHOULD BE EXPRESSED IN CD UG/L.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBR SI*,71,,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>5 UG CD/L IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBR SI*,1147,,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBR SI*,1837,,,1991 <u>Entry / Update</u> : 1992</p>
GBR	REG	WASTE		RQR	<p>ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THIS SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING CADMIUM AND CADMIUM COMPOUNDS.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980</p> <p><u>Reference</u> : GBR SI*,1709,,,1980 <u>Effective Date</u> : 16MCH1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1986</p>
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN CADMIUM AND ITS COMPOUNDS IN CONCENTRATIONS WHICH EXCEED THOSE THAT WOULD BE PRESENT REGARDLESS OF THE ACTIVITIES WITHIN THE PREMISES FROM WHICH THE EFFLUENT IS DISCHARGED. SEWERAGE UNDERTAKERS MUST NOTIFY THE COMPETENT AUTHORITY WHERE THE DISCHARGE OF THESE EFFLUENTS MIGHT CONTAIN CADMIUM AND ITS COMPOUNDS IN CONCENTRATIONS GREATER THAN THE BACKGROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC).</p> <p><u>Title</u> : THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference</u> : GBR SI*,1156,,2,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBR SI*,1629,,,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 2.5UG/L, (DISSOLVED CADMIUM) AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 2 SUBSTANCES ARE NOT EXCEEDED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 83/513/EEC. (APPLIES TO CADMIUM AND ITS COMPOUNDS).</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBR SI*, 2286,, 2, 1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ AQ	SURF DRINK	CLASS RQR	<p>IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW1 WHERE THE CONCENTRATION DOES NOT EXCEED 0.005 MG/L CD, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.005 MG/L CD, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.005 MG/L CD, PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBR SI*, 1148,,, 1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	FEED SALE USE		MRL RSTR RSTR	<p>THE SALE AND USE OF PHOSPHATES AS AN INGREDIENT OF FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 15 MG/KG REFERRED TO A MOISTURE CONTENT OF 12% IS PROHIBITED EXCEPT FOR MEDICINAL OR VETERINARY USE OR UNDER CERTAIN SPECIFIED CONDITIONS. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 74/63/EEC, LAST AMENDED BY 91/132/EEC.</p> <p><u>Title</u> : THE FEEDING STUFFS REGULATIONS 1991</p> <p><u>Reference</u> : GBR SI*, 2840,,, 1991 <u>Effective Date</u> : 22JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	FEED SALE USE		MRL RSTR RSTR	<p>THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.5-10.0 MG/KG REFERRED TO A MOISTURE CONTENT OF 12% IS PROHIBITED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 74/63/EEC, LAST AMENDED BY 91/132/EEC.</p> <p><u>Title</u> : THE FEEDING STUFFS REGULATIONS 1991</p> <p><u>Reference</u> : GBR SI*, 2840,,, 1991 <u>Effective Date</u> : 22JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	WASTE	REMOV	RQR	<p>THE DESTRUCTION BY BURNING IN AN INCINERATOR, OTHER THAN INCIDENTALLY IN THE COURSE OF BURNING OTHER WASTE, OF ANY WASTE CHEMICAL BEING OR COMPRISING CADMIUM IN ELEMENTAL OR COMPOUND FORM IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBR SI*, 472,, 3, 1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS OF MANUFACTURE INVOLVING THE USE OF CADMIUM AND ITS COMPOUNDS WHICH MAY RESULT IN ITS RELEASE INTO THE AIR, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBR SI*, 472,, 3, 1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	MANUF AQ	INDST EMI	RQR RSTR	<p>THE MINING OF ZINC OR TIN WHERE THE PROCESS MAY RESULT IN THE RELEASE OF CADMIUM OR ANY COMPOUND OF CADMIUM, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBR SI*,472,,3,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>CADMIUM AND ITS COMPOUNDS ARE PRESCRIBED SUBSTANCES (RED LIST): RELEASE INTO WATER IS PROHIBITED OR RESTRICTED. AUTHORISATION, SUBJECT TO LOCAL CONTROL, IS REQUIRED WHERE RELEASE OF PRESCRIBED SUBSTANCES INTO WATER MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: ELECTROLYTIC EXTRACTION OR RECOVERY OF ALUMINIUM; PAPER PULP AND PAPER MAKING; TREATMENT OF TEXTILES; TIMBER PROCESSING, THE TREATMENT AND PROCESSING OF ANIMAL OR VEGETABLE MATTER; PRODUCTION OF ANTIMONY, ARSENIC, BERYLLIUM, GALLIUM, INDIUM, LEAD, PALLADIUM, PLATINUM, SELENIUM, TELLURIUM OR THALLIUM & THEIR COMPOUNDS; RECOVERY PROCESSES. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 84/360/EEC.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBR SI*,472,,22,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	SLUDG SOIL MONIT	AGRIC	MXL MXL RQR	<p>REPRESENTATIVE SAMPLES OF SLUDGE PRODUCED FOR AGRICULTURAL USE MUST BE ANALYSED AT PERIODS OF NOT MORE THAN 6 MONTHS. THE AVERAGE ANNUAL RATE OF ADDITION ON SOIL (DETERMINED FOR A 10 YEAR PERIOD) SHALL NOT EXCEED 0.15KG PER HECTARE PER YEAR, AS DETERMINED BY ATOMIC ABSORPTION SPECTROMETRY WITH A LIMIT OF DETECTION OF 1.0 MG/KG OF DRY MATTER. THE SOIL MUST ALSO BE TESTED AT PERIODS NOT EXCEEDING 20 YEARS. FOR SOILS OF PH 5.0 AND ABOVE THE CONCENTRATION SHALL NOT EXCEED 3 MG/KG OF DRY MATTER, AS DETERMINED BY ATOMIC ABSORPTION SPECTROMETRY, WITH A LIMIT OF DETECTION NOT EXCEEDING 10% OF THE LIMIT VALUE. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/278/EEC.</p> <p><u>Title</u> : THE SLUDGE (USE IN AGRICULTURE) REGULATIONS 1989</p> <p><u>Reference</u> : GBR SI*,1263,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 0.05 MG/M3 (APPLIES TO CADMIUM AND COMPOUNDS EXCEPT CADMIUM OXIDE FUME AND CADMIUM SULFIDE PIGMENTS; DUST AND FUME, CALCULATED AS CD)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBR SI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	GOODS SAFTY	CONSM CONSM	HLV HLV	<p>FOR THE PROTECTION OF CHILDREN'S HEALTH, BIOAVAILABILITY RESULTING FROM THE USE OF TOYS MUST NOT EXCEED 0.6 UG/DAY. THIS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/378/EEC.</p> <p><u>Title</u> : THE TOY (SAFETY) REGULATIONS 1989</p> <p><u>Reference</u> : GBR SI*,1275,,7,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>5UG CD/L IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBR SI*,2790,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. UN NO. 2570</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE. THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 5 KG/YEAR (CALCULATED AS CD) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN.</p> <p><u>Title :</u> THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989</p> <p><u>Reference :</u> GAZIN*,465,,1,1989 <u>Effective Date :</u> 28JUL1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO CADMIUM AND ITS COMPOUNDS).</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,1,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.05 MG/M3 (APPLIES TO CADMIUM AND ITS COMPOUNDS, CALCULATED AS CD).</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
JPN	REG	AIR	EMI	MXL	<p>STANDARD VALUE : 1.0 MG/N M3 (APPLIES TO CADMIUM AND ITS COMPOUNDS)</p> <p><u>Title :</u> NATIONAL EMISSION STANDARDS</p> <p><u>Reference :</u> QEJPN*,,,343-348,1989 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
JPN	REG	AQ	AMBI	MXL	<p>STANDARD VALUE (MAXIMUM VALUE): 0.01 MG/L OR LESS</p> <p><u>Title :</u> ENVIRONMENTAL QUALITY STANDARD FOR WATER</p> <p><u>Reference :</u> QEJPN*,,,337,1989 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
JPN	REG	AQ	EMI	MXL	<p>EFFLUENT STANDARD : 0.1 MG/L OF CADMIUM AND ITS COMPOUNDS</p> <p><u>Title :</u> NATIONAL EFFLUENT STANDARDS</p> <p><u>Reference :</u> QEJPN*,,,352-253,1989 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
JPN	REG	AQ	DRINK	MXL	<p>THE CONCENTRATION OF CADMIUM IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 0.01 MG/L</p> <p><u>Title :</u> THE WATER WORKS LAW</p> <p><u>Reference :</u> JPNWW*,,,1957 <u>Effective Date :</u> 01APR1979</p> <p><u>Last Amendment :</u> JPNWW*,,,1979 <u>Entry / Update :</u> DEC1991</p>
MEX	REG	AQ	AMBI	MPC	<p>1) 0.01 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION 2) 0.01 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES 3) 0.005 MG/L IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES</p> <p><u>Title :</u> DIARIO OFICIAL</p> <p><u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982</p>

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AQ	AMBI	MPC	0.01 MG/L IN ESTUARIES <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982
MEX	REG	AQ	AMBI	MPC	0.001 MG/L IN COASTAL WATERS <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.05 MG/M3 MUST BE OBSERVED OR 0.2 MG/M3 FOR 15 MINUTES, FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 5UG/L; SEA WATER: 0.01 MG/ML (APPLIES TO CADMIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS CADMIUM) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> JUN1982
RUS	REG	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 0.2-2.0 MG/KG; MEAT PRODUCTS: 0.03-1.0 MG/KG; MILK PRODUCTS: 0.03-0.2 MG/KG; CEREALS: 0.03-0.5 MG/KG; VEGETABLE, FRUIT: 0.03-1.0 MG/ KG; BEVERAGES: 0.01-0.03 MG/KG; CHILDREN FOOD: 0.02-0.1 MG/KG (APPLIES TO CADMIUM AND ITS COMPOUNDS, CALCULATED AS CADMIUM). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> OCT1981 <u>Last Amendment :</u> VGNEP*,2450-81,,,1982 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.05 MG/M3; TWA: 0.01 MG/M3 (APPLIES TO CADMIUM AND ITS INORGANIC COMPOUNDS; CALCULATED AS CD). HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC CLASS	0.001 MG/L (APPLIES TO CADMIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS CADMIUM) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.05 MG/M3 OF TOTAL DUST AND 0.02 MG/M3 OF RESPIRABLE DUST. (FOR NEW AND RENOVATED PLANTS A 1D-TWA OF 0.01 MG/M3 (AS CD) FOR RESPIRABLE DUST OF CADMIUM SHOULD BE AIMED FOR). CARCINOGENIC. (APPLIES TO CADMIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS CD). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP	-	RQR	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE (APPLIES TO CADMIUM COMPOUNDS) UN NO.2570.
		CLASS	-	CLASS	
		PACK	-	RQR	
		LABEL	-	RQR	

Title :Reference :Effective Date :Last Amendment : UNTDG*,,,15,1989Entry / Update : AUG1990

UN	REG	WASTE		RSTR	WASTES HAVING AS CONSTITUENTS CADMIUM AND CADMIUM COMPOUNDS SHALL BE "HAZARDOUS WASTES" FOR THE PURPOSES OF THIS CONVENTION. THE GENERATION AND THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES SHALL BE KEPT TO A MINIMUM. EXPORTATION OF SUCH WASTES IS ALLOWED ONLY IF THE EXPORTING STATE CANNOT DISPOSE THE WASTE PROPERLY OR THE WASTE IS REQUIRED AS RAW MATERIAL FOR RECYCLING BY THE IMPORTING COUNTRY; THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES IS SUBJECT TO NOTIFICATION BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY AND TO CONSENT BY THE COMPETENT AUTHORITY OF THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES.
		EXPRT		RQR	
		IMPRT		RQR	

Title : Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.Reference :Effective Date :Last Amendment : ISBC1*,,,1989Entry / Update : MAY1992

USA	REC	SAFTY	OCC	MXL	50 MG/M3 /CADMIUM DUST (AS CD)/
		USE	OCC	MXL	

Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,56,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,56,1990Entry / Update : OCT1991

USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /CADMIUM DUSTS & SALTS, AS CD/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.

Title : THRESHOLD LIMIT VALUESReference : ACGIH*,,,11,1989Effective Date : 1989Last Amendment : ACGIH*,,,11,1991Entry / Update : DEC1991

USA	REG	AQ	DRINK	MPC	0.005 MG/L FOR COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.62. COMPLIANCE IS CALCULATED PURSUANT TO 40 CFR 141.23. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.

Title : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.Reference : FEREAC,40,,59570,1975Effective Date : 1975Last Amendment : CFRUS*,40,141,,1991Entry / Update : OCT1991

Common Name : Cadmium

RTECS Number : EU9800000

CAS Number : 7440-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>CONCENTRATION LIMITS IN GROUND WATER FOR HAZARDOUS CONSTITUENTS. ESTABLISHED UNDER SEC 264.93, MUST NOT EXCEED THE BACKGROUND LEVEL SET AT THE INITIAL TESTING. IF THE BACKGROUND LEVEL AT THE INITIAL TESTING TIME IS BELOW 0.01 MG/L THIS SUBSTANCE MUST NOT EXCEED 0.01 MG/L IN FUTURE TESTING 40 CFR 264.94 (1990) THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264.94 WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p>Title : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p>Reference : FEREAC,52,,25947,1987 Effective Date : 1987</p> <p>Last Amendment : CFRUS*,40,264,,1990 Entry / Update : SEP1991</p>
USA	REG	AQ	CONSM	MPC	<p>0.01 MG/LBOTTLED WATER SHALL, WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN 21 CFR 103.35(D) (1) (II), MEET STANDARDS OF CHEMICAL QUALITY AND SHALL NOT CONTAIN CHEMICAL SUBSTANCES IN EXCESS OF THE FOLLOWING CONCENTRATIONS.</p> <p>Title : FEDERAL FOOD, DRUG AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS: BOTTLED WATER</p> <p>Reference : FEREAC,42,,14325,1977 Effective Date : 1977</p> <p>Last Amendment : CFRUS*,21,103,35,1989 Entry / Update : NOV1991</p>
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>1.0 MG/L THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p>Title : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p>Reference : FEREAC,55,,11862,1990 Effective Date : 1990</p> <p>Last Amendment : CFRUS*,40,261,24,1990 Entry / Update : JAN1992</p>
WHO	REC	AQ	DRINK	GL	<p>0.003 MG/L. THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p>Title : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p>Reference : WHODW*,,,1983 Effective Date :</p> <p>Last Amendment : WHODW*,,,1992 Entry / Update : OCT1992</p>

Common Name : Cadmium Acetate

RTECS Number : EU9810000

CAS Number : 543-90-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE CADMIUM COMPOUNDS N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /CADMIUM DUSTS & SALTS, AS CD/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>50 MG/M3 /CADMIUM DUST (AS CD)/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,56,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,56,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference :</u> FEREC,51,,34547,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>

Common Name : Cadmium Chloride

RTECS Number : EV0175000

CAS Number : 10108-64-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE CADMIUM COMPOUNDS, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE CDD. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CADMIUM AND BIOAVAILABLE CADMIUM COMPOUNDS (AS INSPIRABLE DUSTS/AEROSOLS). <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992

Common Name : Cadmium Chloride

RTECS Number : EV0175000

CAS Number : 10108-64-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). T - TOXIC; DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION AND IF SWALLOWED (R 48/23/25). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION AND IF SWALLOWED (R 48/23/25); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53). IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
GBR	REC	USE	AGRIC PESTI	PRO	<p>APPLIES TO CADMIUM COMPOUNDS SUCH AS CADMIUM CHLORIDE OR CADMIUM CARBONATE. WITHDRAWAL OF ALL PESTICIDAL USES IN AGRICULTURE, HORTICULTURE AND HOME GARDENING. REASONS FOR THE CONTROL ACTION: BECAUSE EVIDENCE SHOWED THAT THESE COMPOUNDS COULD BE CARCINOGENIC.</p> <p><u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.</p> <p><u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : 1965</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /CADMIUM DUSTS & SALTS, AS CD/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Cadmium Chloride

RTECS Number : EV0175000

CAS Number : 10108-64-2

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME CADMIUM CHLORIDE THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference</u> : FEREAC,54,100,22706,1989</p> <p><u>Last Amendment</u> : FEREAC,54,100,22706,1989</p> <p><u>Effective Date</u> : 1988</p> <p><u>Entry / Update</u> : JAN1992</p>
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Common Name : Cadmium Oxide

RTECS Number : EV1925000

CAS Number : 1306-19-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.05 MG/M3. (APPLIES TO CADMIUM OXIDE FUME, CALCULATED AS CD). (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>FUME, AS CD - TWA: CEILING LIMIT - 0.05 MG/M3. PRODUCTION - TWA: 0.05 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	MANUF	OCC	CLASS RQR RSTR	<p>PRODUCTION AND PROCESSING OF CADMIUM OXIDE IS CLASSIFIED AS PROCESS WITH OCCUPATIONAL CARCINOGENIC RISK. REQUIREMENTS AND RESTRICTIONS ON THE PROCESS ARE GIVEN.</p> <p><u>Title</u> : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference</u> : VMZSR*,3,,1985 <u>Effective Date</u> : 1APR1985</p> <p><u>Last Amendment</u> : VMZSR*,10,98,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CADMIUM AND BIOAVAILABLE CADMIUM COMPOUNDS (AS INSPIRABLE DUSTS/AEROSOLS).</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : Cadmium Oxide

RTECS Number : EV1925000

CAS Number : 1306-19-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). DANGER OF CUMULATIVE EFFECTS (R 33). XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); DANGER OF CUMULATIVE EFFECTS (R 33); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE DUST (S 22); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 10%: T -TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); DANGER OF CUMULATIVE EFFECTS (R 33). POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 1% TO 10%: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). DANGER OF CUMULATIVE EFFECTS (R 33); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 0.1% TO 1%: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); DANGER OF CUMULATIVE EFFECTS (R 33).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 0.05 MG/M3 AND 10 MIN-TWA: 0.05 MG/M3 OF CADMIUM OXIDE FUME, AS CD.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO CADMIUM OXIDE FUMES)</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A CONCENTRATION OF 0.05 MG/M3 SHOULD NEVER BE EXCEEDED AT ANY TIME.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.05 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. (APPLIES TO CADMIUM OXIDE PRODUCTION).</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	AMBI	MAC	<p>0.001 MG/M3 AV/D (CALCULATED AS CADMIUM)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,1984 <u>Entry / Update</u> : SEP1985</p>

Common Name : Cadmium Oxide

RTECS Number : EV1925000

CAS Number : 1306-19-0

Area Type Subject Spec. Description Level / Summary Information :

USA REC AIR OCC TLV CEILING LIMIT 0.05 MG/M3 /FUME, AS CD/ TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /PRODUCTION/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.

Title : THRESHOLD LIMIT VALUESReference : ACGIH*,11,1989Effective Date : 1989Last Amendment : ACGIH*,11,1991Entry / Update : DEC1991

USA REC SAFTY USE OCC MXL
OCC MXL

50 MG/M3 /CADMIUM FUME (AS CD)/

Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,56,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,56,1990Entry / Update : OCT1991

USA REG SAFTY STORE INDST RQR
INDST RQR

TPQ=100/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.

Title : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIESReference : FEREC,52,,13395,1987Effective Date : 1987Last Amendment : CFRUS*,40,355,,1990Entry / Update : OCT1991

Common Name : Cadmium Sulphate

RTECS Number : EV2700000

CAS Number : 10124-36-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CADMIUM AND BIOAVAILABLE CADMIUM COMPOUNDS (AS INSPIRABLE DUSTS/AEROSOLS).</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /CADMIUM DUSTS & SALTS, AS CD/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>50 MG/M3 /CADMIUM DUST (AS CD)/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,56,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,56,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Calcium Arsenate

RTECS Number : CG0830000

CAS Number : 7778-44-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD	-	AL	SPECIFIED PLANT PRODUCTS: 3.5MG/KG <u>Title :</u> NORMAS BASICAS <u>Reference :</u> BRAFI*,,,1969 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1982
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1573. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 109, 118. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG; MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 06DEC1990 <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 31DEC1987 <u>Entry / Update :</u> APR1991
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. APPLIES TO ARSENIC ACID AND ITS SALTS. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> JAN1992
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARDOUS CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
EEC	REG	MANUF STORE	INDST	RQR	OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 500 KG AND ABOVE. (THIS APPLIES TO ARSENIC PENTOXIDE, ARSENIC (V) ACID AND SALTS). <u>Title :</u> COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC). <u>Reference :</u> OJEC**L230,,1,1982 <u>Last Amendment :</u> OJEC**L336,,14,1988 <u>Effective Date :</u> 28SEP1988 <u>Entry / Update :</u> SEP1987
GBR	REC	USE	AGRIC PESTI	PRO	WITHDRAWAL OF ALL PESTICIDAL USES IN AGRICULTURE AND HORTICULTURE. REASONS FOR THE CONTROL ACTION: BECAUSE OF HIGH ACUTE TOXICITY TO MAN, LIVESTOCK AND WILD-LIFE, PERSISTENCE IN SOIL AND POTENTIAL CARCINOGENICITY. <u>Title :</u> CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE. <u>Reference :</u> GBCPR*,1462,,1980 <u>Last Amendment :</u> <u>Effective Date :</u> 1968 <u>Entry / Update :</u> NOV1985

Common Name : Calcium Arsenate

RTECS Number : CG0830000

CAS Number : 7778-44-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1573. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SOLID MIXTURES OF CALCIUM ARSENATE AND CALCIUM ARSENITE). UN NO. 1574. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 500KG. (APPLIES TO ARSENIC PENTOXIDE, ARSENIC(V)ACID AND SALTS THEREOF). <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: CARCINOGEN, HIGHLY TOXIC <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSMUH*,,,30MCH,1978 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
RUS	REG	AIR	AMBI	MAC	0.009MG/M3 1X/D. 0.004MG/M3 AV/D (CALCULATED VALUES) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SOLID MIXTURES OF CALCIUM ARSENATE AND CALCIUM ARSENITE). UN NO. 1574. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : Calcium Arsenate

RTECS Number : CG0830000

CAS Number : 7778-44-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1573. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /ARSENIC AND SOLUBLE COMPOUNDS, AS AS/; SUMMARY - THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,11,1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	100 MG/M3 /CALCIUM ARSENATE (AS AS)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,56,1990 <u>Last Amendment :</u> XPHPAW,90,117,56,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1 (0.454) LBS (KG); SUMMARY - FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500/10,000 RQ=1; SUMMARY - THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : **Calcium Arsenate**RTECS Number : **CG0830000**CAS Number : **7778-44-1****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME ARSENATES AND ARSENITES; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference</u> : FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>SOLID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>

Common Name : Calcium Chromate

RTECS Number : GB2750000

CAS Number : 13765-19-0

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): NA9096. CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIALPROVISIONS: 40. PACKING GROUP III, (I=GREATDANGER, III=MINOR DANGER). PRESCRIBED BY THETRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CHROMIUM(VI) COMPOUNDS AS DUSTS/AEROSOLS, WITH THE EXCEPTION OF THOSE PRACTICALLY INSOLUBLE IN WATER SUCH AS LEAD CHROMATE, BARIUM CHROMATE AND ZINC CHROMATE. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	AIR	EMI	MPC	CHROMIUM(VI) COMPOUNDS IN RESPIRABLE FORM, AS CALCIUM CHROMATE, CHROMIUM(III) CHROMATE, STRONTIUM CHROMATE AND ZINC CHROMATE (CALCULATED AS CHROMIUM) BELONG TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF > = 5 G/H. <u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992

Common Name : Calcium Chromate

RTECS Number : GB2750000

CAS Number : 13765-19-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH CALCIUM CHROMATE IN RESPIRABLE FORM IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH CALCIUM CHROMATE IN RESPIRABLE FORM CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF CALCIUM CHROMATE IN RESPIRABLE FORM ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); ALSO HARMFUL IF SWALLOWED (R 22); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : Calcium Cyanide

RTECS Number : EW0700000

CAS Number : 592-01-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD	-	AL	<p>STORED GRAIN : 25.0 MG/KG; OTHER FOODSTUFF: 0 MG/KG.</p> <p><u>Title</u> : NORMAS BASICAS</p> <p><u>Reference</u> : BRAFI*,,,1969 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1575. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO THE ENVIRONMENT. SPECIAL PROVISIONS: 46,102, 109. PACKING GROUP 1, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON. (APPLIES TO ALL METAL CYANIDES)</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ USE	-	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1575.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>

Common Name : Calcium Cyanide

RTECS Number : EW0700000

CAS Number : 592-01-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 25.0 MG/KG CALCULATED AS HYDROGEN CYANIDE. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> - <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC (APPLIES TO CYANPLAV (BLACK CYANIDE)- A MIXTURE OF CALCIUM CYANIDE AND SODIUM CYANIDE. ACTING SUBSTANCE - HYDROGEN CYANIDE) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,30MCH,1978 <u>Entry / Update :</u> AUG1988
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE, UN NO.1575. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982
USA	REC	SAFTY USE	OCC OCC	MXL MXL	50 MG/M3 /CYANIDES, AS CN, POTASSIUM AND SODIUM SALTS/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,76,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,76,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M3, SKIN /CYANIDES, AS CN, POTASSIUM & SODIUM SALTS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	SOLID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL S HIPMENTS MUST BE STOWED AWAY FROM CORROSIVE LIQUIDS AND KEPT DRY. ALL SHIPMENTS MUST BE LABELED POISON.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	FORMULATIONS WITH CALCIUM CYANIDE AS THE SOLE ACTIVE INGREDIENT ARE RESTRICTED FOR ALL USES.THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. <u>Title :</u> PESTICIDES CLASSIFIED FOR RESTRICTED USE <u>Reference :</u> FEREAC,43,5790,1978 <u>Effective Date :</u> 1978 <u>Last Amendment :</u> CFRUS*,40,152,175,1990 <u>Entry / Update :</u> JAN1992

Common Name : Calcium Cyanide

RTECS Number : EW0700000

CAS Number : 592-01-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME INORGANIC CYANIDETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C.</p> <p><u>Reference</u> : FEREAC,54,140,30846,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>

Common Name : Calcium Oxide

RTECS Number : EW3100000

CAS Number : 1305-78-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 2 MG/M3 <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	AIR	OCC	TLV	TWA: 2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1910. CLASS (8): CORROSIVE. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ONA PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CSK	REG	AIR	OCC	MAC	TWA: 4.0 MG/M3 (APPLIES TO LIME DUST WITH IRRITATING EFFECTS) <u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT <u>Reference :</u> HPMZC*,39,,,1978 <u>Effective Date :</u> MCH1985 <u>Last Amendment :</u> HPMZC*,58,,,1985 <u>Entry / Update :</u> DEC1991
CSK	REG	FOOD GOODS	-	PRMT	COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. <u>Title :</u> DIRECTIVE NO. 62 ON HYGIENIC REQUIREMENTS ON RUBBERS AND RUBBER GOODS COMING IN CONTACT WITH FOODSTUFFS AND HUMAN ORGANISM <u>Reference :</u> HPMZC*,54,,,1982 <u>Effective Date :</u> 1JAN1983 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991

Common Name : Calcium Oxide

RTECS Number : EW3100000

CAS Number : 1305-78-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 MG/M3; CEILING VALUE; 8X/SHIFT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AQ	DRINK	PRMT	<p>PERMITTED AS AN ADDITIVE IN DRINKING WATER PROCESSING. MAY ONLY BE USED FOR: ADJUSTMENT OF THE PH-VALUE, THE SALT CONTENT, CALCIUM CONTENT, ACID CAPACITY; REMOVAL OF SELENIUM, NITRATE, SULFATE, HUMIC SUBSTANCES; REGENERATION OF SORBENTS.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,1,227,1991 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. MAXIMUM QUANTITY OF THE SUM OF OXIDES AND HYDROXIDES OF AL, CA, MG AND SI AND SILICATES OF AL, CA, MG AND K: 2 MG/DM2.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FEED	ADDIT	PRMT	<p>CALCIUM OXIDE (E529) MAY BE ADDED AS AN ACIDITY REGULATOR TO FEEDINGSTUFFS FOR DOGS AND CATS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 1DEC1</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 2 MG/M3</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,374,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>

Common Name : Calcium Oxide

RTECS Number : EW3100000

CAS Number : 1305-78-8

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AIR	AMBI	PSL	0.3 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUAV*,2947-83,,,1983	<u>Effective Date :</u> DEC1983 <u>Entry / Update :</u> SEP1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 2 MG/M3; 15 MIN - STEL: 5 MG/M3. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u>	<u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 2 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991	<u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME MINERAL BASES, STRONGTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREAC,54,204,43388,1989 <u>Last Amendment :</u> FEREAC,54,204,43388,1989	<u>Effective Date :</u> 1989 <u>Entry / Update :</u> JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENT S MUST BE KEPT DRY AND STOWED AWAY FROM EXPLOSIVES, ACIDS, COMBUSTIBLE MATERIALS, AND AMMONIUM SALTS.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Last Amendment :</u> CFRUS*,49,172,101,1990	<u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991

Common Name : Caprolactam

RTECS Number : CM3675000

CAS Number : 105-60-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1 MG/M3 OF DUST AND 20 MG/M3 (5 PPM) OF VAPOUR; 15 MIN - STEL: 3 MG/M3 OF DUST AND 40 MG/M3 (10 PPM) OF VAPOUR. (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>DUST - TWA: 1 MG/M3; STEL: 3 MG/M3. VAPOUR- TWA: 5 PPM, 20 MG/M3; STEL: 10 PPM, 40 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONALSAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATETHAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	FOOD GOODS	-	PRMT	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD.</p> <p><u>Title</u> : DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS</p> <p><u>Reference</u> : HPMZC*,42,,,1978 <u>Effective Date</u> : 1JUL1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 5.0MG/M3, CLV: 10MG/M3 (AEROSOL); TWA: 10.0MG/M3, CLV: 20MG/M3 (VAPOUR)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO. APPLIES TO EPSILON-CAPROLACTAM VAPOR AND DUST.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD.XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : **Caprolactam**RTECS Number : **CM3675000**CAS Number : **105-60-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. SPECIFIC MIGRATION LIMIT IN FOOD OR FOOD SIMULANT EXPRESSED AS TOTAL OF MOIETY OR SUBSTANCE INDICATED: 15 MG/KG. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO MOLTEN OR AQUEOUS SOLUTION OF EPSILON-CAPROLACTAM).</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1 MG/M3 OF DUST, 20 MG/M3 (5 PPM) OF VAPOR. STEL (10 MIN-TWA): 3 MG/M3 OF DUST, 40 MG/M3 (10 PPM) OF VAPOR</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1 MG/M3 FOR POWDER AND 20 MG/M3 (5 PPM) FOR VAPOUR MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 3 MG/M3 FOR POWDER AND 40 MG/M3 (10 PPM) FOR VAPOUR FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	AMBI	MAC	<p>0.06 MG/M3, 1X/D; 0.06 MG/M3, AV/D. (APPLIES TOVAPOUR AND AEROSOL).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 5.0 MG/M3 (AEROSOL) (APPLIES TO ITS HYDRO XYETHYLATED MODIFICATION); HAZ. CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : MAR1989</p> <p><u>Last Amendment</u> : PDKAD*,4952-89,,,1989 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>1.0 MG/L HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 10.0 MG/M3 (AEROSOL) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>

Common Name : Caprolactam

RTECS Number : CM3675000

CAS Number : 105-60-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 1 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 3 MG/M3 /DUST/ TIME WEIGHTED AVG (TWA) 4.3 PPM, 20 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 8.6 PPM, 40 MG/M3 /VAPOR/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : **Captafol**RTECS Number : **GW4900000**CAS Number : **2425-06-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.1 MG/M3. SKIN ABSORPTION.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.04-15 MG/KG; SECURITY INTERVAL: 3-60 DAYS; PROVISIONAL TOXICITY CLASS: III,IV (DEPENDINGON FORMULATION) (I=MOST TOXIC;IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.</p> <p><u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,,,8,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.1 MG/M3; SKIN ABSORPTION. PRESCRIBEDBY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE DFT. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLYREGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991</p>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 2-15 MG/KG.</p> <p><u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986</p> <p><u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference</u> : SPPOR*,,,290,1990 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 0.05 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : **Captafol**RTECS Number : **GW490000**CAS Number : **2425-06-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	USE IMPRT	PESTI	PRO PRO	PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED. <u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991 <u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.05 MG/KG; PLANT (SPECIFIED): 0.05 MG/KG. <u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : APR1986
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS. <u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC). <u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992
EEC	REG	FOOD	PESTI	MRL	CEREALS (GENERAL): 0.05 MG/KG <u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC). <u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : JUN1992
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	PRO PRO PRO	MEMBER STATES SHALL ENSURE THAT PLANT PROTECTION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCE ALONE OR IN COMBINATION WITH OTHER ACTIVE SUBSTANCES LISTED MAY NEITHER BE PLACED ON THE MARKET NOR USED. <u>Title</u> : COUNCIL DIRECTIVE OF 21 DECEMBER 1978 PROHIBITING THE PLACING ON THE MARKET AND USE OF PLANT PROTECTION PRODUCTS CONTAINING CERTAIN ACTIVE SUBSTANCES. (79/117/EEC). <u>Reference</u> : OJEC**,L33,,36,1979 <u>Effective Date</u> : 31DEC1990 <u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : JUL1991

Common Name : Captafol

RTECS Number : GW4900000

CAS Number : 2425-06-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: WITHDRAWN; MRL: APRICOTS, PEACHES: 15 MG/KG; CHERRIES (SOÜR), PLUMS: 10 MG/KG; CRANBERRIES, LEEKS: 8 MG/KG; APPLES, EGGPLANTS, PEARS, TOMATOES: 5 MG/KG; CHERRIES (SWEET), CUCUMBERS, MELONS, PUMPKIN: 2 MG/KG; CARROTS, ONIONS (BULB), POTATOES: 0.5 MG/KG; MACADAMIA NUTS (SHELL-FREE BASIS): 0.1 MG/KG (EXPRESSED AS CAPTAFOL) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIII,,6-IV,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	TEMPORARY ADI: WITHDRAWN; TEMPORARY MRL: WITHDRAWN. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FPPDD,68,,60,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> JUL1990
GBR	REG	AIR	OCC	OES	8H-TWA: 0.1 MG/M3. SKIN ABSORPTION <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Effective Date :</u> <u>Entry / Update :</u> 1992
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC. <u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988 <u>Reference :</u> GBRSI*,1378,,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 02AUG1988 <u>Entry / Update :</u> 1992
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 1.0-5.0 MG/KG <u>Title :</u> FOOD SANITATION LAW OF JAPAN <u>Reference :</u> JPNFS*,,,, <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> JAN1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.2-15 MG/KG <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982

Common Name : **Captafol**RTECS Number : **GW4900000**CAS Number : **2425-06-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.1 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1986</p> <p><u>Last Amendment</u> : SCHSB*,1986-90,,,1987 <u>Entry / Update</u> : NOV1987</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.05 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.1 MG/M3, SKINTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>

Common Name : **Captan**RTECS Number : **GW5075000**CAS Number : **133-06-2****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	FOOD FEED	-	MXL MXL	FRUIT 30 MG/KG (PREHARVEST AND AFTER HARVEST) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
ARG	REG	AIR	OCC	MPC	8H-TWA: 5 MG/M3 <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
ARG	REG	FEED	-	MXL	30 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 10-40 MG/KG; SECURITY INTERVAL: 1-14 DAYS; PROVISIONAL TOXICITY CLASS: IV (I = MOST TOXIC; IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS FUNGICIDE; MATERIAL PRESERVATIVE; INSECTICIDE. (FORMULATION: DUST OR POWDER; SUSPENSION; WETTABLE GRANULES; WETTABLE POWDER). CODE CAP. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 11AUG1988 <u>Entry / Update :</u> JUN1991
CAN	REG	AIR	OCC	TLV	TWA: 5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Last Amendment :</u> <u>Effective Date :</u> 13MCH1986 <u>Entry / Update :</u> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER PHTHALIMIDE DERIVATIVE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 06DEC1990 <u>Entry / Update :</u> OCT1991

Common Name : **Captan**RTECS Number : **GW5075000**CAS Number : **133-06-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 5.0 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 24MCH1983</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 10-20 MG/KG.</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 3.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF CAPTAN AND FOLPET.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). XI - IRRITANT; IRRITATING TO EYES (R 36); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: XN - HARMFUL; IRRITATING TO EYES (R 36); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (SPECIFIED PLANT PRODUCTS) : 2-3 MG/KG (APPLIES TO THE SUM OF CAPTAN AND FOLPET).</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference :</u> OJEC**,L340,,34,1976 <u>Effective Date :</u> 01JUL1988</p> <p><u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Entry / Update :</u> DEC1982</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.1 MG/KG BW; MRL: APPLES, PEARS: 25 MG/KG; APRICOTS, BLUEBERRIES, CURRANTS (BLACK,RED), SPINACH, STRAWBERRIES: 20 MG/KG; CITRUS FRUIT, ENDIVE, PEACHES, PLUMS, RHUBARB, TOMATOES: 15 MG/KG; CRANBERRIES, CUCUMBERS, GREEN BEANS, LETTUCE, PEPPERS, RASPBERRIES: 10 MG/KG; RAISINS: 5 MG/KG (EXPRESSED AS CAPTAN)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*,XIII,,7-IV,1986 <u>Entry / Update :</u> APR1991</p>

Common Name : **Captan**RTECS Number : **GW5075000**CAS Number : **133-06-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG*,,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.1-3.0 MG/KG (AS THE SUM OF CAPTAN AND FOLPET). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC. <u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988 <u>Reference :</u> GBRSI*,1378,,,1988 <u>Effective Date :</u> 02AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 5 MG/M3. STEL (10 MIN-TWA): 15 MG/M3 <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS : 5.0 MG/KG <u>Title :</u> FOOD SANITATION LAW OF JAPAN <u>Reference :</u> JPNFS*,,, <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 5.0-40.0 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> - <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 15 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REC	FOOD EXPT IMPRT		MRL	LIMITS RECOMMENDED FOR FOODPRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 5.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,,1984 <u>Entry / Update :</u> OCT1985

Common Name : **Captan**RTECS Number : **GW5075000**CAS Number : **133-06-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	2.0 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0.6 UG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	FOOD	-	PRO MRL	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS; 0.1 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
SWE	REG	USE	PESTI	PRO	DISAPPROVED FOR USE IN HOME GARDENING (1981) BY THE FORMER NATIONAL POISONS AND PESTICIDE BOARD BECAUSE THE EXPOSURE RISK WAS CONSIDERED TO BE TOO LARGE DURING THE APPLICATION. IN HIGH DOSES CAPTAN CAUSES AN INCREASED INCIDENCE OF TUMORS IN MICE. FORMULATIONS CONTAINING CAPTAN WERE REASSIGNED TO CLASS 1 BY THE NATIONAL CHEMICALS INSPECTORATE 1988. <u>Title :</u> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKALIEINSPEKTIONEN. <u>Reference :</u> NPPBD*,,,1982 <u>Last Amendment :</u> KEMIB*,,,1988 <u>Effective Date :</u> ** 1988 <u>Entry / Update :</u> FEB1992
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.1-3.0 MG/KG (INCL. FOLPET) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M ³ THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991

Common Name : **Captan**RTECS Number : **GW5075000**CAS Number : **133-06-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CAPTAN, 1986. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Carbaryl

RTECS Number : FC5950000

CAS Number : 63-25-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA: 5 MG/M3 <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
ARG	REG	FOOD	-	MXL	0.3-12 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 27MCH1969 <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Entry / Update :</u> 1982
ARG	REG	FEED	-	MXL	100 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 27MCH1969 <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Entry / Update :</u> 1982
BRA	REG	FOOD FEED USE USE	- - AGRIC CONSM	AL AL RSTR RSTR	SPECIFIED PLANT PRODUCTS: 0.01-10 MG/KG; SECURITY INTERVAL: 1-30 DAYS; SPECIFIED ANIMAL PRODUCTS: 0.5 -5.0 MG/KG; FORAGE & PASTURE: 100 MG/KG. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 2.5-5% (WT/WT). USE FOR FUMIGATION NOT PERMITTED. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REC	AQ		DRINK MAC GL	MAC: 0.09 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL RESTRICTED, DOMESTIC, MANUFACTURING, USE AS INSECTICIDE, MOLLUSCICIDE, ACARICIDE, PLANT GROWTH REGULATOR. (FORMULATION: GRANULAR; WETTABLE POWDER; DUST OR POWDER; SUSPENSION; SLOW-RELEASE GENERATOR; SOLUTION; PARTICULATE; PRESSURIZED PRODUCT; PELLET; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE CAB. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991

Common Name : Carbaryl

RTECS Number : FC5950000

CAS Number : 63-25-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER CARBAMATE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.2-10 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 28AUG1976</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.2-10.0 MG/KG.</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : Carbaryl

RTECS Number : FC5950000

CAS Number : 63-25-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	8H-TWA: 5 MG/M3. CALCULATED AS TOTAL DUST (20C, 101.3 KPA). DANGER OF CUTANEOUS ABSORPTION. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	USE IMPRT	PESTI	PRO PRO	PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED. <u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991 <u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.5 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 1 MG/KG; PLANT (SPECIFIED): 3 MG/KG. <u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.WHEN SOLID: AS HARMFUL AT CONCS > 5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS > 50% AND AS HARMFUL AT > 2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986
EEC	REG	FOOD	PESTI	MRL	CEREALS (GENERAL): 0.5 MG/KG; RICE: 1.0 MG/KG <u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC). <u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988 <u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); DO NOT BREATHE DUST (S 22); AVOID CONTACT WITH SKIN (S 24). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992

Common Name : Carbaryl

RTECS Number : FC5950000

CAS Number : 63-25-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.01 MG/KG BW; MRL: ALFALFA, BEAN VINE, CLOVER, CORN FORAGE, GRASSES, PEA VINE, PEANUT HAY, SORGHUM FORAGE, SOYBEAN VINES, SUGAR BEET TOPS: 100 MG/KG; BRAN (WHEAT): 20 MG/KG; APRICOTS, ASPARAGUS, BLACKBERRIES, BOYSENBERRIES, CHERRIES, KIWI FRUIT, LEAFY VEGETABLES, NECTARINES, NUTS (WHOLE), OKRA, OLIVES (UNPROCESSED), PEACHES, PLUMS, RASPBERRIES, SORGHUM (GRAIN): 10 MG/KG; BLUEBERRIES, CITRUS FRUIT, CRANBERRIES, STRAWBERRIES: 7 MG/KG; APPLES, BANANAS, BARLEY, BEANS, BRASSICA, EGGPLANTS, GRAPES, OATS, PEARS, PEAS (IN POD), PEPPERS, POULTRY SKIN, RICE (IN HUSK AND HULLED), RYE, TOMATOES, WHEAT: 5 MG/KG; CUCUMBERS, MELONS (CANTALOUPE), PUMPKINS, SQUASH: 3 MG/KG; BEETROOTS, CARROTS, PARSNIPS, PEANUTS (WHOLE), RADISHES, RUTABAGAS, WHOLEMEAL FLOUR: 2 MG/KG; COTTONSEED, COW PEAS, NUTS (SHELLED), OLIVES (PROCESSED), SOYBEAN (DRY), SWEET CORN (KERNELS): 1 MG/KG; EGGS (SHELL-FREE BASIS), POULTRY MEAT (IN EDIBLE PORTION): 0.5 MG/KG; CARCASE MEAT OF CATTLE, GOAT AND SHEEP (IN CARCASE FAT), POTATOES, SUGAR BEETS, WHEAT FLOUR (WHITE): 0.2 MG/KG; MILK, MILK PRODUCTS: 0.1 MG/KG (EXPRESSED AS CARBARYL) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,8-IV,1986 <u>Entry / Update :</u> APR1991
GBR	REG	USE	PESTI	PRMT	APPROVED AS AN INSECTICIDE, GROWTH REGULATOR AND EARTHWORM KILLER. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2-10.0 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC. <u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988 <u>Reference :</u> GBRSI*,1378,,1988 <u>Effective Date :</u> 02AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2-10.0 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC. <u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988 <u>Reference :</u> GBRSI*,1378,,1988 <u>Effective Date :</u> 02AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 5 MG/M3. STEL (10 MIN-TWA): 10 MG/M3 <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-30% (SOLID) OR 100-10% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992

Common Name : Carbaryl

RTECS Number : FC5950000

CAS Number : 63-25-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	AIR	OCC	MAC	TWA: 5 MG/M3. SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS : 0.1 - 1.0 MG/KG <u>Title :</u> FOOD SANITATION LAW OF JAPAN <u>Reference :</u> JPNFS*,,, <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.2-10.0 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> - <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REC	FOOD EXPR IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.2-1.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,,1984 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	OCC	MAC CLASS	CLV : 1.0 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTSADI = 0.01 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1983 <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	AMBI	MAC	0.02 MG/M3 1X/D; 0.01 MG/M3 AV/D (CALCULATED VALUES) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> JUN1982
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990

Common Name : Carbaryl

RTECS Number : FC5950000

CAS Number : 63-25-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	SOIL	-	MAC	0.05 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKPP*,1134-73,,,1973 <u>Effective Date :</u> DEC1973 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0.5 UG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	FEED	-	MRL	1.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Effective Date :</u> APR1981 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE: PERMITTED FOR USE ON COTTON PLANTS ONLY DURING OUTBREAKS OF BOLL WORM. REASONS FOR THE CONTROL ACTION: GONADOTOXIC, EMBRYOTOXIC, MUTAGENIC, IMPAIREDREPRODUCTIVE FUNCTION, LIKELY TO FORM THE CARCINOGEN N-NITROSOCARBARYL. PERSISTENT. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.1-10 MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
SWE	REG	USE	PESTI	PRO	SUSPENDED DUE TO ITS MUTAGENICITY AND INSUFFICIENT DOCUMENTATION ON POTENTIAL CARCINOGENIC PROPERTIES. <u>Title :</u> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKALIEINSPEKTIONEN <u>Reference :</u> KEMIB*,,,1991 <u>Last Amendment :</u> <u>Effective Date :</u> ** 1991 <u>Entry / Update :</u> FEB1992
SWE	REG	FOOD	PESTI	MTC	ANIMALPRODUCTS 0.1-0.2 MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> <u>Effective Date :</u> 01MCH1983 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-30% (SOLID) OR 100-10% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	600 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,58,1990 <u>Last Amendment :</u> XPHPAW,90,117,58,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991

Common Name : Carbaryl

RTECS Number : FC5950000

CAS Number : 63-25-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CARBARYL, 1984. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>

Common Name : Carbendazim

RTECS Number : DD6500000

CAS Number : 10605-21-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-0.5 MG/KG SECURITY INTERVAL: 3-35 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II -SPECIFIED PLANT PRODUCTS. MRL = 0.5-10 PPM OF BENOMYL, CARBENDAZIM AND THIOPHANATEMETHYL. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH,POTENCY, PURITY, QUALITY OR OTHER PROPERTY OFFOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION. UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 08MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 7.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF BENOMYL, CARBENDAZIM AND THIOPHANAT METHYL; CALCULATED AS CARBENDAZIM. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: MUTA.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). <u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992

Common Name : Carbendazim

RTECS Number : DD6500000

CAS Number : 10605-21-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.02 MG/KG BW. MRL: BEAN FODDER, HOPS (DRY): 50 MG/KG; PINEAPPLES: 20 MG/KG; RICE STRAW: 15 MG/KG; APRICOTS, CHERRIES, CITRUS FRUIT, PEACHES, SUGARBEET TOPS: 10 MG/KG; BERRIES AND OTHER SMALL FRUIT, CARROTS, LETTUCE, PEANUT FODDER, PEPPERS, POME FRUIT, TOMATOES, WHEAT STRAW: 5 MG/KG; POTATOES: 3 MG/KG; BARLEY STRAW, BEANS (DRY), CELERY, COMMON BEANS, GHERKINS, MANGOES, MELONS, NECTARINES, ONIONS, PLUMS, PRUNES: 2 MG/KG; BANANAS, MUSHROOMS, SWEET POTATOES: 1 MG/KG; AVOCADOS, BRUSSELS SPROUTS, CEREAL GRAINS, CUCUMBERS, EGGPLANT, SQUASH: 0.5 MG/KG; SOYBEANS (DRY): 0.2 MG/KG; ASPARAGUS, COFFEE BEANS(RAW), EGGS (SHELL-FREE), MEAT OF CATTLE, POULTRY AND SHEEP, MILK, PEANUTS, RUTABAGAS, SOYBEAN FODDER, SUGAR BEET, TARO, TREE NUTS: 0.1 MG/KG. (AFTER TREATMENT WITH BENOMYL OR CARBENDAZIM, CALCULATED AND EXPRESSED AS CARBENDAZIM). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FPPPDD,92,,56,1988 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JUL1990
GBR	REG	USE	PESTI	PRMT	APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> 1983
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.1-10.0 MG/KG (APPLIES TO RESIDUES ARISING FROM THE USE OF BENOMYL, THIOPHANATE-METHYL AND CARBENDAZIM). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC. <u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988 <u>Reference :</u> GBRSI*,1378,,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 02AUG1988 <u>Entry / Update :</u> 1992
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE. PROHIBITED FOR USE ON COVERED GROUND, COTTON PLANTS, FRUIT AND VEGETABLES, SOYA, VINES, STRAWBERRIES AND CURRANTS. REASONS FOR THE CONTROL ACTION: CARCINOGENIC, MUTAGENIC, TERATOGENIC, EMBRYOTOXIC AND GONADOTOXIC PROPERTIES; THE FREQUENCY AND QUANTITY OF USE PERMITTED IN INTENSIVE GRAIN PRODUCTION HAS BEEN REDUCED. EXPANSION OF SPHERES OF USES PROHIBITED SINCE 1981. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,1987 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCT;LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG ADI = 0.01 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990

Common Name : Carbendazim

RTECS Number : DD650000

CAS Number : 10605-21-7

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.1 MG/M3 (AEROSOL) HAZARD CLASS: II
					<u>Title</u> :
					<u>Reference</u> :
					<u>Effective Date</u> : 01JAN1989
					<u>Last Amendment</u> : GOSTS*,12.1.005,,1988
					<u>Entry / Update</u> : MAY1990
SWE	REG	FOOD	PESTI	MTC	CERALS: 0.1 MG/KG (INCL. BENOMYL AND 2-AMINOBENZIMIDAZOLE)
					<u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.
					<u>Reference</u> : SLVFS*,1983:1,,,1983
					<u>Effective Date</u> : 01JAN1990
					<u>Last Amendment</u> : SLVFS*,1989:29,,,1989
					<u>Entry / Update</u> : 1992
SWE	REG	USE	PESTI	PRO	SIX FORMULATIONS BASED ON CARBENDAZIM AND BENOMYL WERE DISAPPROVED (1982) BY THE FORMER PRODUCTS CONTROL BOARD FOR USE IN HOME GARDENING AND AS WOOD PRESERVATIVE AFTER EVIDENCE OF GENETIC AND FOETAL DISTURBANCES AND A CERTAIN INCREASE OF TUMOR INCIDENCE IN MICE. ALL FORMULATIONS CONTAINING CARBENDAZIM WERE SEVERLY RESTRICTED AND REASSIGNED TO CLASS 1. (CLASS 1: PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT).
					<u>Title</u> : DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN
					<u>Reference</u> : PKBB*,,,1982
					<u>Effective Date</u> : ** 1988
					<u>Last Amendment</u> : KEMIB*,,,1988
					<u>Entry / Update</u> : FEB1992

Common Name : Carbofuran

RTECS Number : FB9450000

CAS Number : 1563-66-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.1 MG/M3 <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-1 MG/KG; SECURITY INTERVAL: 14-90 DAYS; SPECIFIED ANIMALS PRODUCTS: 0.05 MG/KG(NON-INTENTIONALRESIDUE); PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC; IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC TOXICITY: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REC	AQ	DRINK	GL MAC	MAC: 0.09 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER CARBAMATE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO CARBOFURAN MIXTURE) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, RESTRICTED, MANUFACTURING USE AS INSECTICIDE.(FORMULATION: GRANULAR; SUSPENSION). CODE CAF. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLYREGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER CARBAMATE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991

Common Name : Carbofuran

RTECS Number : FB9450000

CAS Number : 1563-66-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.3-0.5 PPM. CARBOFURAN PHENOLIC METABOLITES: 0.5-1.0 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 13MAY1975</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.1 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	USE	PESTI	RSTR	<p>PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.</p> <p><u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1196,1988 <u>Effective Date :</u> 29MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,1,796,1991 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 15.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF CARBOFURAN AND 3-HYDROXYCARBOFURAN WITH ITS CONJUGATES, CALCULATED AS CARBOFURAN.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991</p>

Common Name : Carbofuran

RTECS Number : FB9450000

CAS Number : 1563-66-2

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
					<p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN CARBOFURAN ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THEREQUIREMENTS LAID DOWN.
					<p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 100 KG AND ABOVE.
					<p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).
					<p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.01 MG/KG BW; MRL: ALFALFA HAY: 20 MG/KG; ALFALFA (FRESH), HOPS (DRIED), MAIZE FODDER (FRESH) 5 MG/KG; BRUSSELS SPROUTS: 2 MG/KG; CABBAGE, CARROTS, POTATOES: 0.5 MG/KG; CAULIFLOWER, RICE (HULLED), SOYBEANS, SUGAR BEET LEAVES: 0.2 MG/KG; BANANAS, BARLEY, COFFEE (RAW BEANS), EGGPLANTS, KOHLRABI, LETTUCE, MAIZE, MUSTARD SEEDS, OATS, OILSEEDS, ONIONS, PEACHES, PEANUTS (KERNELS), PEARS, SORGHUM, STRAWBERRIES, SUGAR BEETS (ROOTS), SUGAR CANE, SWEET CORN (KERNELS), TOMATOES, WHEAT: 0.1 MG/KG; CARCASE MEAT OF CATTLE, GOATS, HORSES, PIGS AND SHEEP, CATTLE FAT, GOATS FAT, HORSES FAT, MEAT BY-PRODUCTS OF CATTLE, GOATS, HORSES, PIGS AND SHEEP, MILK, PIGS FAT, SHEEP FAT: 0.05 MG/KG (DETERMINED AS SUM OF CARBOFURAN AND 3-HYDROXYCARBOFURAN, EXPRESSED AS CARBOFURAN)
					<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,96-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	CLASS SALE		CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST
					<p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBRSI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>

Common Name : Carbofuran

RTECS Number : FB9450000

CAS Number : 1563-66-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	RQR	FULL PROTECTIVE CLOTHING MUST BE WORN.A RESPIRATOR IS REGUIRED WHEN APPLYING AEROSOLS OR ATOMISING FLUIDS IN GLASS OR MUSHROOM HOUSES <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	SALE		RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY(GBRSI* 218.1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1986 <u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986
GBR	REG	AIR	OCC	OES	8H-TWA: 0.1 MG/M3 <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
GBR	REG	USE	PESTI	PRMT	APPROVED AS A SYSTEMIC INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	SALE STORE		RSTR RQR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY.PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI* 218.1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1986 <u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986
GBR	REG	SALE		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS (GBRSI* 218.1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1986 <u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986
GBR	REG	SAFTY STORE	INDST	RQR RQR	ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC). <u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984 <u>Reference :</u> GBRSI*,1902,,1984 <u>Effective Date :</u> 31DEC1990 <u>Last Amendment :</u> GBRSI*,2325,,1990 <u>Entry / Update :</u> SEP1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 10-2% (SOLID) OR 10->1% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991

Common Name : Carbofuran

RTECS Number : FB9450000

CAS Number : 1563-66-2

Area Type Subject Spec. Description Level / Summary Information :

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IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.1-0.5 MG/KG.</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.1 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 5.0 MG/KG ADI = 0.01 MG/KG.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JAN1988</p> <p><u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS NEMATOCIDE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.1-0.5 MG/KG (PRELIMINARY) (INCL. CARBOFURAN AND 3-HYDROXYCARBOFURAN)</p> <p><u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Entry / Update :</u> 1992</p>

Common Name : Carbofuran

RTECS Number : FB9450000

CAS Number : 1563-66-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 10-2% (SOLID) OR 10->1% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	AQ	DRINK	CLASS	FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title :</u> SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference :</u> FEREAC,54,97,22140,1989 <u>Effective Date :</u> MAY221989 <u>Last Amendment :</u> FEREAC,54,97,22104,1989 <u>Entry / Update :</u> OCT1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=10/10,000 RQ=10 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	DRINK	MPC	0.04 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title :</u> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference :</u> FEREAC,40,,59570,1975 <u>Effective Date :</u> 1975 <u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Entry / Update :</u> OCT1991
USA	REG	TRNSP LABEL PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. MIXTURE: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON A ND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172-HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991

Common Name : Carbofuran

RTECS Number : FB9450000

CAS Number : 1563-66-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL FORMULATIONS WITH CARBOFURAN IN CONCENTRATE SUSPENSIONS AND WETTABLE POWDERS OF 40% AND GREATER ARE RESTRICTED FOR ALL USES. ALL GRANULAR FORMULATIONS WITH CARBOFURAN FOR USE ON RICE ARE UNDER EVALUATION. (UNDER EVALUATION MEANS THAT NO CLASSIFICATION HAS BEEN MADE AND THE USE/FORMULATION IN QUESTION IS STILL UNDER ACTIVE REVIEW WITHIN EPA.) ALL GRANULAR AND FERTILIZER FORMULATIONS WITH CARBOFURAN ARE RESTRICTED FOR ALL USES EXCEPT ON RICE. THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR.</p> <p><u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE</p> <p><u>Reference</u> : FEREAC,43,,5790,1978 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : CFRUS*,40,152,175,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CARBOFURAN, 1984. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
WHO	REC	AQ AQ	DRINK PESTI	GL GL	<p>5 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : Carbon

RETECS Number : FF5250000

CAS Number : 7440-44-0

Area Type Subject Spec. Description Level / Summary Information :

CSK	REG	AIR	EMI	MXL	EMI	<p>EMISSION LIMITS FOR COMBUSTION OF SOLID FUELS: 50 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 20 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 20 MG/M3 (ALL LIMITS APPLY TO ORGANIC SUBSTANCES EXPRESSED AS TOTAL CARBON AT COMBUSTION GAS AT NORMAL CONDITIONS: PRESSURE - 101.32 KPA, TEMPERATURE - 0 C)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AQ	SURF	CLASS	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 5.0 MG/L II CLASS: BELOW 8.0 MG/L III CLASS: BELOW 11.0 MG/L IV CLASS: BELOW 17.0 MG/L V CLASS: ABOVE 17.0 MG/L (APPLIES TO ORGANIC CARBON)</p> <p><u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY</p> <p><u>Reference</u> : CSNOR*,757221,,1989 <u>Effective Date</u> : 01JUL1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	MXL RQR RQR	<p>20 MG/NM3 FOR THE CONCENTRATION OF ORGANIC COMPOUNDS EXPRESSED AS TOTAL CARBON IN ALL NEW MUNICIPAL WASTE INCINERATION PLANTS. THIS EMISSION LIMIT VALUE IS STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE; 101.3 KPA, 11 % OXYGEN OR 9% CO2, DRY GAS. THE GAS RESULTING FROM THE COMBUSTION OF THE WASTE IS RAISED AFTER THE LAST INJECTION OF COMBUSTION AIR, TO A TEMPERATURE OF AT LEAST 850 C AT LEAST 2 SECONDS IN THE PRESENCE OF AT LEAST 6 % OXYGEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 8 JUNE 1989 ON THE PREVENTION OF AIR POLLUTION FROM NEW MUNICIPAL WASTE INCINERATION PLANTS. (89/369/EEC).</p> <p><u>Reference</u> : OJEC**,L163,,32,1989 <u>Effective Date</u> : 01DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
GBR	REG	AQ	DRINK	RQR	RQR	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THERELEVANT AUTHORITIES GIVING THE CONCENTRATION OF TOTAL ORGANIC CARBON EXPRESSED AS C MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,71,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	MPC RQR	<p>THERE SHOULD BE NO SIGNIFICANT INCREASE IN TOTAL ORGANIC CARBON MEASURED AS MG C/L FOR TOTAL ORGANIC CARBON IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	MPC RQR	<p>TOTAL ORGANIC CARBON (MEASURED AS MG C/L SHOULD SHOW NO SIGNIFICANT INCREASE OVER THAT NORMALLY OBSERVED IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1147,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1837,,1991 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	CLASS	<p>HAZARD GROUP: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CARBON OF ANIMAL OR VEGETABLE ORIGIN AND TO ACTIVITATED CARBON). UN NO.1361;1362</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : Carbon

RTECS Number : FF5250000

CAS Number : 7440-44-0

Area Type Subject Spec. Description Level / Summary Information :

JPN	REC	AIR	OCC	MAC	TWA: 0.5 MG/M3 OF INHALABLE DUST. TWA: 2 MG/M3 OF TOTAL DUST. <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
SWE	REG	AIR	OCC	HLV	1D-TWA: 3 MG/M3 OF CARBON DUST, 5 MG/M3 OF GRAPHITE. <u>Title</u> : HYGIENIC LIMIT VALUES. <u>Reference</u> : AFS**,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD GROUP: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CARBON OF ANIMAL OR VEGETABLE ORIGIN AND TO ACTIVITATED CARBON). UN NO.1361;1362 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME CARBON AND CO2THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992

Common Name : Carbon Black

RTECS Number : FF5800000

CAS Number : 1333-86-4

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 3.5 MG/M3. POTENTIAL CARCINOGEN. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	AIR	OCC	TLV	TWA: 3.5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CSK	REG	FOOD GOODS	-	PRMT MXL	COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. MAXIMUM LIMIT FOR THE FINAL PRODUCTS: 100 MG/G <u>Title :</u> DIRECTIVE NO. 62 ON HYGIENIC REQUIREMENTS ON RUBBERS AND RUBBER GOODS COMING IN CONTACT WITH FOODSTUFFS AND HUMAN ORGANISM <u>Reference :</u> HPMZC*,54,,1982 <u>Effective Date :</u> 1JAN1983 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
FW	REC	FOOD	-	ADI	NO ADI ALLOCATED (THE USE OF CARBON BLACK FROM HYDROCARBON SOURCES IN FOOD CONTACT MATERIALS IS PROVISIONALLY ACCEPTED) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1987 <u>Last Amendment :</u> WHFAAC,22,,179,1987 <u>Entry / Update :</u> APR1991
GBR	REG	AIR	OCC	OES	8H-TWA: 3.5 MG/M3. STEL (10 MIN-TWA): 7 MG/M3 <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
JPN	REC	AIR	OCC	MAC	TWA: 1.0 MG/M3 OF INHALABLE DUST TWA: 4 MG/M3 OF TOTAL DUST <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS COLOURING AGENT. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,334,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982

Common Name : Carbon Black

RTECS Number : FF580000

CAS Number : 1333-86-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 3.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 7 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 4.0 MG/M3 (AEROSOL) (APPLIES TO CARBON BLACKS WITH BENZ(A)PYRENE CONTENT LESS THAN 35 MG/KG); HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.15 MG/M3 1X/D, 0.05 MG/M3 AV/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> AUG1984</p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 3.5 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>

Common Name : Carbon Dioxide

RTECS Number : FF640000

CAS Number : 124-38-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 9000 MG/M3 (5000 PPM); 15 MIN - STEL : 54000 MG/M3 (30000 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE COZ. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2187. CLASS (2.2): NON-FLAMMABLE GAS. SPECIAL PROVISIONS: 46. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 50 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 500 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO CARBON DIOXIDE LIQUIFIED)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1013. CLASS (2.2): NON-FLAMMABLE GAS. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 75 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 150 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO COMPRESSED CARBON DIOXIDE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>

Common Name : Carbon Dioxide

RTECS Number : FF6400000

CAS Number : 124-38-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>TWA: 5,000 PPM, 9,000 MG/M3; (INTENDED CHANGES - STEL: 15,000 PPM, 27,000 MG/M3). PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1845. CLASS (9.1): MISCELLANEOUS DANGEROUS GOODS. SPECIAL PROVISIONS: 44. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 200 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 200 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO SOLID DRY CARBON DIOXIDE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 9000.0 MG/M3; CLV: 45000.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	PRMT	<p>PERMITTED AS FOOD ADDITIVE WITHOUT LIMITATION</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AQ USE	-	CLASS INDST RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 0). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5000 ML/M3 (PPM); 9000 MG/M3 (20C, 101.3 KPA). SUBSTANCE ELICITING VERY WEAK EFFECTS. 60 MIN- STEL: 10000 ML/M3 (PPM); 18000 MG/M3; CEILING VALUE: 3X/SHIFT.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : -, GL : -. THE WATER SHOULD NOT BE AGGRESSIVE. (ACIDIMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference :</u> OJEC**,L229,,11,1980 <u>Effective Date :</u> 30AUG1982</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1986</p>

Common Name : Carbon Dioxide

RTECS Number : FF640000

CAS Number : 124-38-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	ADDIT	PRMT	CARBONIC ANHYDRIDE (E290) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. SPECIFIC CRITERIA OF PURITY FOR THE SUBSTANCE ARE GIVEN IN COUNCIL DIRECTIVE 65/66/EEC - OJEC NO.22,373,1965 AS LAST AMENDED. <u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (65/54/EEC). <u>Reference</u> : OJEC**,12,,161/64,1964 <u>Effective Date</u> : 1JAN1988 <u>Last Amendment</u> : OJEC**,L352,,45,1986 <u>Entry / Update</u> : OCT1987
EEC	REG	AIR	OCC	ILV	9000 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 5000 PPM (ML/M3) IN AIR; THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. <u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC). <u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993 <u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992
EEC	REG	FOOD	-	PRMT	AIR, NITROGEN AND CARBON DIOXIDE ARE AUTHORIZED AS CRYOGENIC MEDIA, TO THE EXCLUSION OF ALL OTHERS, FOR USE IN DIRECT CONTACT WITH QUICK-FROZEN FOODSTUFFS. MEMBER STATES MAY AUTHORIZE TILL 31 DECEMBER 1992 THE USE OF DICHLORODIFLUOROMETHANE AS A CRYOGENIC MEDIUM. <u>Title</u> : COUNCIL DIRECTIVE OF 21 DECEMBER 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO QUICK-FROZEN FOODSTUFFS FOR HUMAN CONSUMPTION. 89/108/EEC <u>Reference</u> : OJEC**,L40,,34,1989 <u>Effective Date</u> : 10JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1991
EEC	REG	FOOD	INDST	PRMT	THIS SUBSTANCE, PROVIDED IT SATISFIES THE PURITY CRITERIA LAID DOWN, MAY BE USED AS AN EXTRACTION SOLVENT DURING THE PROCESSING OF RAW MATERIALS, OF FOODSTUFFS, OF FOOD COMPONENTS, OR OF FOOD INGREDIENTS. IT SHOULD BE USED IN COMPLIANCE WITH GOOD MANUFACTURING PRACTICE FOR ALL USES: I.E. ITS USE SHOULD RESULT IN THE PRESENCE OF RESIDUES OR DERIVATIVES IN TECHNICALLY UNAVOIDABLE QUANTITIES PRESENTING NO DANGER TO HUMAN HEALTH. <u>Title</u> : COUNCIL DIRECTIVE OF 13 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS AND FOOD INGREDIENTS. (88/344/EEC). <u>Reference</u> : OJEC**,L157,,28,1988 <u>Effective Date</u> : 13JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1991
F/W	REC	FOOD	-	ADI	THE ESTABLISHMENT OF AN ADI IS NOT DEEMED NECESSARY <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1985 <u>Last Amendment</u> : WHFAAC,20,,281,1985 <u>Entry / Update</u> : APR1991
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	USE: PRESERVATIVE; ADI: NO ADI ALLOCATED; MXL: APPLE JUICE, CONCENTRATED APPLE JUICE, GRAPE JUICE, CONCENTRATED GRAPE JUICE, SWEETENED CONCENTRATED LABRUSCA TYPE GRAPE JUICE, BLACK CURRANT JUICE, CONCENTRATED BLACK CURRANT JUICE, CREAM: LIMITED BY GOOD MANUFACTURING PRACTICE <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1983 <u>Last Amendment</u> : FAOCA*,XIV,,341,1983 <u>Entry / Update</u> : MAY1991
GBR	REG	AQ	DRINK	RQR	A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THERELEVANT AUTHORITIES GIVING THE CONCENTRATION OF CARBON DIOXIDE EXPRESSED AS CO2 MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE. <u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985 <u>Reference</u> : GBR SI*,71,,1985 <u>Effective Date</u> : 21FEB1985 <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986

Common Name : Carbon Dioxide

RTECS Number : FF640000

CAS Number : 124-38-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF OXIDES OF CARBON, WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 9000 MG/M3 (5000 PPM). STEL (10 MIN-TWA): 27000 MG/M3 (15000 PPM)</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: NON-FLAMMABLE COMPRESSED GAS. EMERGENCY ACTION CODE: 2XE (APPLIES TO REFRIGERATED LIQUID)</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CARBON DIOXIDE, SOLID), UN NO. 1845</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO REFRIGERATED, LIQUID CARBON DIOXIDE), UN NO. 2187</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO CARBON DIOXIDE...UN NO. 1013) (...CARBON DIOXIDE AND OXYGEN MIXTURES...UN NO. 1014) (...CARBON DIOXIDE AND NITROUS OXIDE MIXTURES...UN NO. 1015).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED) (APPLIES TO CARBON DIOXIDE AND ETHYLENE OXIDE MIXTURES WITH NOT MORE THAN 6% ETHYLENE OXIDE). UN NO.1952</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: FLAMMABLE GAS. (APPLIES TO CARBON DIOXIDE AND ETHYLENE OXIDE MIXTURES WITH MORE THAN 6 PERCENT ETHYLENE OXIDE). UN NO. 1041</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>

Common Name : Carbon Dioxide

RTECS Number : FF6400000

CAS Number : 124-38-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	AIR	OCC	MAC	TWA: 9000 MG/M3 (5000 PPM) <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED FOR CARBONATION AND PRESSURE DISPENSING. FOOD PRODUCTS IN OR UPONWHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,363,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 9000 MG/M3 (5000 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 27000 MG/M3 (15000 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
SWE	REG	AIR	OCC	HLV	1D-TWA: 9000 MG/M3 (5000 PPM); 15 MIN - STEL: 18000 MG/M3 (10000 PPM). <u>Title</u> : HYGIENIC LIMIT VALUES. <u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO REFRIGERATED, LIQUID CARBON DIOXIDE). UN NO. 2187 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED) (APPLIES TO CARBON DIOXIDE AND ETHYLENE OXIDE MIXTURES WITH NOT MORE THAN 6% ETHYLENE OXIDE UN NO.1952 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : NOV1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CARBON DIOXIDE, SOLID;(DRY ICE)). UN NO. 1845 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO CARBON DIOXIDE...UN NO. 1013) (...CARBON DIOXIDE AND OXYGEN MIXTURES...UN NO. 1014) (...CARBON DIOXIDE AND NITROUS OXIDE MIXTURES...UN NO. 1015). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID AND 6.1 = POISONOUS SUBSTANCE. (APPLIES TO CARBON DIOXIDE AND ETHYLENE OXIDE MIXTURES WITH MORE THAN 6 PERCENT ETHYLENE OXIDE). UN NO. 1041 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990

Common Name : Carbon Dioxide

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CAS Number : 124-38-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5000 PPM, 9000 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 30000 PPM, 54000 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	50000 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,58,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,58,1990 <u>Entry / Update</u> : OCT1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME CARBON AND CO2 THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 150 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED NONFLAMMABLE GAS. REFRIGERATED LIQUID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 150 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED NONFLAMMABLE GAS. SOLID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 440 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 440 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM OPEN VENTILATORS AND FROM CYANIDES OR CYANIDE MIXTURES, LIQUID OR DRY. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172-HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991 <u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991

Common Name : Carbon Disulfide

RTECS Number : FF6650000

CAS Number : 75-15-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 30 MG/M3 (10 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1131. CLASS (3.1): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 99, 102, 109. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PROHIBITED. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 10 PPM, 30 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 10.0 MG/M3; CLV: 20.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS</p> <p><u>Title</u> : DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference</u> : HPMZC*,32,,,1970 <u>Effective Date</u> : 1JAN1971</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : Carbon Disulfide

RTECS Number : FF6650000

CAS Number : 75-15-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 ML/M3 (PPM); 30 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 20 ML/M3 (PPM); 60 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. PREGNANCY GROUP B: ACCORDING TO CURRENTLY AVAILABLE INFORMATION, A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS MUST BE CONSIDERED TO BE PROBABLE. DAMAGE TO THE DEVELOPING ORGANISM CANNOT BE EXCLUDED WHEN PREGNANT WOMEN ARE EXPOSED EVEN WHEN MAK AND BAT VALUES ARE ADHERED TO. VAPOUR PRESSURE: 40.0 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	BAT	<p>URINE: 8 MG/L, AS 4-THIO-4-THIAZOLIDINE CARBOXYLIC ACID. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	USE IMPRT	PESTI	RSTR RSTR	<p>APPLICATION ONLY ADMISSABLE FOR SOIL TREATMENT IN VINICULTURE AGAINST THE VINE LOUSE (DAKTYLOSPHAIRA VITIFOLIAE FITCH); ONLY WITH THE APPROVAL OF THE COMPETENT AUTHORITY. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. SEEDLINGS, PLANTING MATERIAL OR CULTURE SUBSTRATUM CONTAINING THE SUBSTANCE MAY NOT BE IMPORTED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 1.0 - 25.0 MG/KG. OTHER PLANT PRODUCTS: 0.2 MG/KG. APPLIES TO THE SUM OF DITHIOCARBAMATES AND THIURAM DISULFIDES, CALCULATED AS CARBON DISULFIDE.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>

Common Name : Carbon Disulfide

RTECS Number : FF6650000

CAS Number : 75-15-0

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
					<p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). TERA.CAT.2; MAY CAUSE BIRTH DEFECTS (R 47). T - TOXIC; TOXIC: DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; MAY CAUSE BIRTH DEFECTS (R 47); HIGHLY FLAMMABLE (R 11); IRRITATING TO EYES AND SKIN (R 36/38); TOXIC: DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); KEEP AWAY FROM SOURCES OF IGNITION (S 16); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING CARBON DISULFIDE IN CONCENTRATION RANGE: ABOVE 20%: T - TOXIC; MAY CAUSE BIRTH DEFECTS (R 47); IRRITATING TO EYES AND SKIN (R 36/38); TOXIC: DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23). FROM 1% TO 20%: T - TOXIC; MAY CAUSE BIRTH DEFECTS (R 47); TOXIC: DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23). FROM 0.2% TO 1%: XN - HARMFUL; HARMFUL: DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/20).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.1 MG/KG</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987</p>

Common Name : Carbon Disulfide

RTECS Number : FF6650000

CAS Number : 75-15-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN CARBON DISULFIDE ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 20 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 200 TONNES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 01JUN1990</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 200 TONNES AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
GBR	REG	USE	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 20 OR MORE TONS OF CARBON DISULPHIDE ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY.</p> <p><u>Title</u> : HEALTH AND SAFETY. THE NOTIFICATION OF INSTALLATIONS HANDLING HAZARDOUS SUBSTANCES REGULATIONS 1982</p> <p><u>Reference</u> : GBRSI*,1357,,1982 <u>Effective Date</u> : 1JAN1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 30 MG/M3 (10 PPM). SKIN ABSORPTION</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 20 TONNES, MANUFACTURERS MUST DEMONSTRATE TO THE HEALTH AND SAFETY EXECUTIVE THAT ANY MAJOR ACCIDENT HAZARDS HAVE BEEN IDENTIFIED AND THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PREVENT OR LIMIT THE CONSEQUENCES OF A MAJOR ACCIDENT INVOLVING THIS DANGEROUS SUBSTANCE. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. FOR THE ISOLATED STORAGE OF QUANTITIES EQUAL TO OR GREATER THAN 200 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Carbon Disulfide

RTECS Number : FF665000

CAS Number : 75-15-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE MANUFACTURE OR RECOVERY OF CARBON DISULPHIDE AND ANY MANUFACTURING PROCESS WHICH MAY RESULT IN THE RELEASE OF CARBON DISULPHIDE INTO THE AIR ARE PRESCRIBED PROCESSES. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference :</u> GBRSI*,1378,,,1988 <u>Effective Date :</u> 02AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 200 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> SEP1992</p>
GBR	REG	USE	OCC	RSTR RQR	<p>IN THE INDIA RUBBER INDUSTRY NO PERSON UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY PROCESS IN WHICH THE FOLLOWING MATERIALS ARE USED OR ARE GIVEN OFF AS VAPOUR: CARBON DISULFIDE, CHLORIDE OF SULFUR, BENZENE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE OR ANY CARBON CHLORINE COMPOUND. NOR SHOULD ANY PERSON UNDER 16 YEARS OF AGE BY EMPLOYED IN ANY ROOM IN WHICH ANY SUCH PROCESS IS CARRIED OUT. MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN SUCH PROCESS ARE LISTED. (INDIA RUBBER MANUFACTURE REGULATION 1922, S.I.1922: NO.329 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u> THE EMPLOYMENT MEDICAL ADVISORY SERVICE (FACTORIES ACT ORDERS ETC AMENDMENT) ORDER 1973</p> <p><u>Reference :</u> GBRSI*,36,,,1973 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1986</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>

Common Name : Carbon Disulfide

RTECS Number : FF6650000

CAS Number : 75-15-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1131. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 20 T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 200 T. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 31 MG/M3 (10 PPM). SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 30 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. <u>Title :</u> INSTRUCCION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AQ	SURF	MAC CLASS	1.0 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	FEED	-	MRL	10.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Effective Date :</u> APR1981 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	OCC	MAC CLASS	CLV : 1.0 MG/M3 (VAPOUR) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990

Common Name : Carbon Disulfide

RTECS Number : FF6650000

CAS Number : 75-15-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	MRL	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.006-10.0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 1.0 MG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	AIR	AMBI	MAC	0.03 MG/M3 1X/D; 0.005 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 16 MG/M3 (5 PPM); 15 MIN - STEL: 25 MG/M3 (8 PPM). SKIN ABSORPTION. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1131. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 PPM, 31 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	500 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,60,1990 <u>Last Amendment :</u> XPHPAW,90,117,60,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : Carbon Disulfide

RTECS Number : FF6650000

CAS Number : 75-15-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=10,000 RQ=100 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE KEPT COOL. NOT PERMITTED ON ANY VESSEL TRANSPORTING EXPLOSIVE, EXCEPT THAT QUANTITIES NOT EXCEEDING 200 POUNDS MAY BE TRANSPORTED ON SUCH VESSELS UNDER CONDITIONS IN ACCORDANCE TO 49 CFR 173.121. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]¹, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Carbon Monoxide

RTECS Number : FG3500000

CAS Number : 630-08-0

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 55 MG/M3 (50 PPM), 15 MIN - STEL : 440 MG/M3 (400 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REC	AIR	AMBI	MDC MAC	SCHEDULE 1 - MAXIMUM DESIRABLE CONCENTRATIONS: 0 TO 6 MG/M3 AVERAGE CONCENTRATION OVER AN 8 HOUR PERIOD; 0 TO 15 MG/M3 AVERAGE CONCENTRATION OVER A ONE HOUR PERIOD. 6 TO 15 MG/M3 AVERAGE CONCENTRATION OVER AN 8 HOURS PERIOD; 15 TO 35 MG/M3 AVERAGE CONCENTRATION OVER A ONE HOUR PERIOD. THESE LIMITS ARE PRESCRIBED BY THE AMBIENT AIR QUALITY OBJECTIVES ORDER NO.1WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT. <u>Title :</u> <u>Reference :</u> CRCAEL,4,403,2869,1978 <u>Effective Date :</u> 21MAY1974 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REC	AIR	AMBI	MTC	SCHEDULE 1 - MAXIMUM TOLERABLE CONCENTRATION: 15-20 MG/M3 (AVERAGE CONCENTRATION OVER 8 HOURS). THIS LIMIT IS PRESCRIBED BY THE AMBIENT AIR QUALITY OBJECTIVE ORDER NO.3, WHICH FALLS UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT, ADMINISTERED BY THE DEPARTMENT OF ENVIRONMENT AND NATIONAL HEALTHAND WELFARE. IT SETS MAXIMUM TOLERABLE LIMITS FOR 5 CONTAMINANTS. <u>Title :</u> <u>Reference :</u> CAGAAK,112,21,3929,1978 <u>Effective Date :</u> 27OCT1978 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): NA9202. CLASS (2.1): FLAMMABLE GAS; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 47. PACKINGGROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO CARBON MONOXIDE, REFRIGERATED LIQUID) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991

Common Name : Carbon Monoxide

RTECS Number : FG350000

CAS Number : 630-08-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1016. CLASS (2.1): FLAMMABLE GAS; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 90, 99, 102. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 25 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 50 PPM, 55 MG/M3; STEL: 400 PPM, 440 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	AIR	EMI	MXI	<p>THE EXHAUST EMISSION FROM A VEHICLE POWERED BY A GASOLINE-FUELLED OR DIESEL-FUELLED ENGINE SHALL NOT EXCEED: A) FOR A LIGHT-DUTY VEHICLE, 2.1 G PER VEHICLE KILOMETRE (3.4 G PER VEHICLE MILE) OF CARBON MONOXIDE; B) FOR A LIGHT-DUTY TRUCK, 6.2 G PER VEHICLE KILOMETRE (10 G PER VEHICLE MILE) OF CARBON MONOXIDE; C) FOR A GASOLINE-FUELLED HEAVY-DUTY VEHICLE HAVING A GVWR OF 6350.3 KG OR LESS, 5.36 G PER MEGAJOULE (14.4 G PER BRAKE HORSEPOWER-HOUR) OF CARBON MONOXIDE; D) FOR A GASOLINE-FUELLED HEAVY-DUTY VEHICLE HAVING A GVWR OF MORE THAN 6350.3 KG, 13.8 G PER MEGAJOULE (37.1 G PER BRAKE HORSEPOWER-HOUR) OF CARBON MONOXIDE; AND E) FOR A DIESEL-FUELLED HEAVY-DUTY VEHICLE, 5.77 G PER MEGAJOULE (15.5 G PER BRAKE HORSEPOWER-HOUR) OF CARBON MONOXIDE. THE CARBON MONOXIDE CONTENT AT CURB IDLE OF THE EXHAUST GASES FROM A) A GASOLINE-FUELLED LIGHT-DUTY TRUCK ENGINE SHALL NOT EXCEED 0.50 PER CENT OF EXHAUST GAS FLOW; AND B) A GASOLINE-FUELLED HEAVY-DUTY VEHICLE SHALL NOT EXCEED 0.50 PER CENT OF EXHAUST GAS FLOW. THESE LIMITS ARE PRESCRIBED BY THE MOTOR VEHICLE SAFETY REGULATIONS, WHICH FALL UNDER THE MOTOR VEHICLE SAFETY ACT, ADMINISTERED BY THE DEPARTMENT OF TRANSPORT. THE REGULATIONS SET MAXIMUM MOTOR VEHICLE EXHAUST EMISSIONS, UNDER THE APPROPRIATE TEST METHODS, AND PROHIBIT CRANKCASES CONSTRUCTED OR MAINTAINED SUCH THAT EMISSIONS DEFINED AS "AIR POLLUTANTS" ARE DISCHARGED INTO THE ATMOSPHERE.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GAGAAK,121,13,2297,1987 <u>Effective Date :</u> 01DEC1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	AIR	AMBI	MAC	<p>AVERAGE 30-MIN CONCENTRATION: 10000 UG/M3; AVERAGE DAILY CONCENTRATION: 5000 UG/M3 (THESE LIMITS CAN BE EXCEEDED < 5% CASES YEARLY)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 30.0 MG/M3; CLV: 150.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,,1985 <u>Entry / Update :</u> DEC1991</p>

Common Name : Carbon Monoxide

RTECS Number : FG3500000

CAS Number : 630-08-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	EMI	MXL	<p>GENERAL EMISSION LIMITS: 800 MG/M3 (MASS FLOW OF CARBON MONOXIDE > 5 KG/H); EMISSION LIMITS FOR COMBUSTION OF SOLID FUELS: 250 MG/M3 (BOILER OUTPUT > 50 MW); EMISSION LIMITS FOR COMBUSTION OF LIQUID FUELS: 175 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR COMBUSTION OF GAS FUELS: 100 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 100 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 100 MG/M3 (ALL LIMITS APPLY TO CARBON MONOXIDE AT COMBUSTION GAS AT NORMAL CONDITIONS: PRESSURE - 101.32 KPA, TEMPERATURE - 0 C)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED AS PRINCIPLE AIR POLLUTANT</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS IN GENERAL NOT HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 0). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 30 ML/M3 (PPM); 33 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 60 ML/M3 (PPM); 66 MG/M3; AVERAGE VALUE; 4X/SHIFT. PREGNANCY GROUP B: ACCORDING TO CURRENTLY AVAILABLE INFORMATION, A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS MUST BE CONSIDERED TO BE PROBABLE. DAMAGE TO THE DEVELOPING ORGANISM CANNOT BE EXCLUDED WHEN PREGNANT WOMEN ARE EXPOSED EVEN WHEN MAK AND BAT VALUES ARE ADHERED TO.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	BAT	<p>BLOOD: 5 % CO-HB. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : Carbon Monoxide

RTECS Number : FG3500000

CAS Number : 630-08-0

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	AIR AIR AIR	EMI EMI EMI	MPC RSTR RQR	MAXIMUM EMISSION VALUES FOR CARBON MONOXIDE ARE SET IN CERTAIN TYPES OF INDUSTRIAL PLANTS.
					<p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	AMBI	RSTR	IN THE CONSIDERATION OF GRANTING PERMITS FOR THE INSTALLATION OF NEW INDUSTRIAL PLANTS THE FOLLOWING IMMISSION VALUES (IW) - SET TO PROTECT AGAINST HEALTH RISKS - SHOULD BE TAKEN INTO ACCOUNT FOR CARBON MONOXIDE: IW1 = 10 MG/M3 AND IW2 = 30 MG/M3. DETAILED PROCEDURES FOR THE DETERMINATION OF IMMISSION VALUES ARE GIVEN.
					<p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).
					<p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: F - HIGHLY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). T - TOXIC; TOXIC BY INHALATION (R 23). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; EXTREMELY FLAMMABLE (R 12); TOXIC BY INHALATION (R 23); KEEP CONTAINER TIGHTLY CLOSED (S 7); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16).
					<p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	100 MG/NM3 = EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE 101,3 KPA, 11 % OXYGEN OR 9% CO2, DRY GAS. THEY SHALL APPLY TO ALL EXISTING MUNICIPAL WASTE INCINERATION PLANTS AS OF 01DEC1996. THE GAS RESULTING FROM THE COMBUSTION OF THE WASTE IS RAISED AFTER THE LAST INJECTION OF COMBUSTION AIR TO A TEMPERATURE OF AT LEAST 850 C IN THE PRESENCE OF AT LEAST 6% OXYGEN, AT LEAST TWO SECONDS AS OF 1DEC1996 FOR EXISTING PLANTS WITH A NOMINAL CAPACITY OF 6 TONNES/H OR MORE AND DURING A TIME DETERMINED BY THE COMPETENT AUTHORITIES AS OF 01DEC1995 FOR OTHER EXISTING PLANTS.
					<p><u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON THE REDUCTION OF AIR POLLUTION FROM EXISTING MUNICIPAL WASTE INCINERATION PLANTS. (89/429/EEC).</p> <p><u>Reference</u> : OJEC**,L203,,50,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	100 MG/NM3 IN THE COMBUSTION GASES FOR ALL NEW MUNICIPAL WASTE INCINERATION PLANTS. THIS EMISSION LIMIT VALUE IS STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE; 101,3 KPA, 11 % OXYGEN OR 9% CO2, DRY GAS. THE GAS RESULTING FROM THE COMBUSTION OF THE WASTE IS RAISED AFTER THE LAST INJECTION OF COMBUSTION AIR, TO A TEMPERATURE OF AT LEAST 850 C AT LEAST 2 SECONDS IN THE PRESENCE OF AT LEAST 6 % OXYGEN.
					<p><u>Title</u> : COUNCIL DIRECTIVE OF 8 JUNE 1989 ON THE PREVENTION OF AIR POLLUTION FROM NEW MUNICIPAL WASTE INCINERATION PLANTS. (89/369/EEC).</p> <p><u>Reference</u> : OJEC**,L163,,32,1989 <u>Effective Date</u> : 01DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>

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RTECS Number : FG350000

CAS Number : 630-08-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR	EMI	MXL	<p>MAXIMUM LEVELS APPLYING TO THE EMISSION OF GASEOUS POLLUTANTS FROM VEHICLES PROPELLED BY DIESEL ENGINES ARE SPECIFIED. THE MASS OF CARBON MONOXIDE (CO) EMITTED UNDER TEST CONDITIONS SHALL NOT EXCEED 11,2 GRAMS PER KWH. TEST PROCEDURES, SAMPLING AND ANALYSIS METHODS ARE LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1987 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE MEASURES TO BE TAKEN AGAINST THE EMISSION OF GASEOUS POLLUTANTS FROM DIESEL ENGINES FOR USE IN VEHICLES. (88/77/EEC).</p> <p><u>Reference</u> : OJEC**,L36,,33,1988 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUL1991</p>
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING,MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS,CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF THIS SUBSTANCE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p><u>Reference</u> : OJEC**,L188,,20,1984 <u>Effective Date</u> : 30JUN1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AIR	EMI	MXL	<p>MAXIMUM LEVELS APPLYING TO THE EMISSION OF GASEOUS POLLUTANTS FROM ALL MOTOR VEHICLES EQUIPPED WITH SPARK-IGNITION ENGINES AND TO THE EMISSION OF GASEOUS AND PARTICULATE POLLUTANTS FROM VEHICLES OF CERTAIN CATEGORIES EQUIPPED WITH COMPRESSION-IGNITION ENGINES ARE LAID DOWN. THE MASS OF CARBON MONOXIDE EMITTED IN THE TEST VERIFYING THE AVERAGE EMISSION AFTER A COLD START MUST BE LESS THAN 25-19G/TEST DEPENDING ON THE ENGINE CAPACITY OF THE VEHICLE; IN THE EMISSION TEST AT IDLING SPEED: 3,5 % OF THE VOLUME OF EXHAUST GASES. TEST PROCEDURES, SAMPLING AND ANALYSIS METHODS ARE LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1970 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON MEASURES TO BE TAKEN AGAINST AIR POLLUTION BY EMISSIONS FROM MOTOR VEHICLES. (70/220/EEC).</p> <p><u>Reference</u> : OJEC**,L76,,1,1970 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**,L226,,1,1989 <u>Entry / Update</u> : JUL1991</p>
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF OXIDES OF CARBON, WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 55 MG/M3 (50 PPM). STEL (10 MIN-TWA): 330 MG/M3 (300 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.), SUBSIDIARY RISK LABEL: FLAMMABLE GAS. UN NO. 1016</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.), SUBSIDIARY RISK LABEL: FLAMMABLE GAS. (APPLIES TO CARBON MONOXIDE AND HYDROGEN MIXTURES). UN NO. 2600</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>

Common Name : Carbon Monoxide

RTECS Number : FG3500000

CAS Number : 630-08-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 57 MG/M3 (50 PPM)</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
JPN	REG	AIR	EMI	MPC	<p>PERMISSIBLE LIMITS IN MOTOR VEHICLE EXHAUST GAS. LIMITS DIFFER DEPENDING ON TYPE OF VEHICLE.</p> <p><u>Title :</u> PERMISSIBLE LIMITS OF MOTOR VEHICLE EXHAUST GAS.</p> <p><u>Reference :</u> QEJPN*,,,350-351,1989 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
JPN	REG	AIR	AMBI	MXL	<p>DAILY AVERAGE OF HOURLY VALUES SHOULD NOT EXCEED 10 PPM (11 MG/M3) AND AVERAGE OF HOURLY VALUES IN EIGHT CONSECUTIVE HOURS SHALL NOT EXCEED 20 PPM (23 MG/M3). (ANALYSIS: NON DISPERSIVE INFRARED ANALYZER METHOD)</p> <p><u>Title :</u> ENVIRONMENTAL QUALITY STANDARDS FOR AMBIENT AIR</p> <p><u>Reference :</u> QEJPN*,,,326,1989 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 55 MG/M3 (50 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 440 MG/M3 (400 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	AMBI	MAC	<p>5.0 MG/M3 1X/D, 3.0 MG/M3 AV/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> AUG1984</p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 20.0 MG/M3 (VAPOUR) HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>

Common Name : Carbon Monoxide

RTECS Number : FG3500000

CAS Number : 630-08-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 40 MG/M3 (35 PPM); 15 MIN - STEL: 120 MG/M3 (100 PPM). (WHERE ENGINE-EXHAUST IS THE POLLUTION SOURCE THE FOLLOWING LIMIT APPLIES TO CARBON MONOXIDE: 1D-TWA: 25 MG/M3 (20 PPM). THIS AND THE CORRESPONDING LIMIT FOR NITROGEN DIOXIDE TAKE INTO CONSIDERATION THE COLLECTIVE EFFECT OF ALL SUBSTANCES PRESENT IN EXHAUST FROM PETROL AND LPG FUELED ENGINES USING CARBON MONOXIDE AND NITROGEN DIOXIDE AS INDICATOR SUBSTANCES.)</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISKS: 3 = INFLAMMABLE LIQUID AND 6.1 = POISONOUS SUBSTANCE. UN NO. 1016</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISKS: 3 = INFLAMMABLE LIQUID AND 6.1 = POISONOUS SUBSTANCE. (APPLIES TO CARBON MONOXIDE AND HYDROGEN MIXTURE). UN NO. 2600</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 50 PPM, 57 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 400 PPM, 458 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>1500 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,60,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,60,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 150 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.302. ALL SHIPMENTS MUST BE LABELED FLAMMABLE GAS. CRYOGENIC LIQUID: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM LIVING QUARTERS. ALL SHIPMENTS MUST BE LABELED FLAMMABLE GAS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	AIR AIR	EMI EMI	RQR MPC	<p>LISTED WITH STANDARDS ON THE EMISSION OF ANY AIR POLLUTANT FROM ANY CLASS OF NEW MOTOR VEHICLES WHICH MAY ENDANGER PUBLIC HEALTH OR WELFARE</p> <p><u>Title :</u> CLEAN AIR ACT, 202A, NATIONAL EMISSIONS STANDARDS ACT--MOTOR VEHICLE EMISSIONS AND FUEL STANDARDS</p> <p><u>Reference :</u> XCODE*,42,7521,,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> XCODE*,42,7521,,1990 <u>Entry / Update :</u> SEP1991</p>

Common Name : Carbon Tetrachloride

RTECS Number : FG490000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 30 MG/M3 (5 PPM). SKIN ABSORPTION, POTENTIAL CARCINOGEN.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	AQ	DRINK	GL MAC	<p>MAC: 0.005 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.013 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICALFACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,,,,,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO ADVERTISE, SELL OR IMPORTINTO CANADA TOYS, EQUIPMENT AND OTHER PRODUCTS FOR USE BY A CHILD IN LEARNING OR PLAY THAT CONTAIN ANY CARBON TETRACHLORIDE OR ANY SUBSTANCE CONTAINING CARBON TETRACHLORIDEWHERE THE SUBSTANCE CAN UNDER REASONABLY FORESEEABLE CIRCUMSTANCES, BECOME ACCESSIBLE TO A CHILD OR WWHRE THE SUBSTANCE IS A FILLING THAT MAY BE RELEASED ON BREAKAGE OR LEAKAGE; PRODUCTS THAT CONSIST OF OR CONTAINCARBON TETRACHLORIDE WHERE SUCH PRODUCTS ARE PACKAGED AS CONSUMER PRODUCTS. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BEOF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 30 MG/M3; SKIN ABSORPTION. SUSPECTED HUMAN CARCINOGEN; WORKER EXPOSURE BY ALL ROUTES SHALL BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1984. CODE CTC. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1846. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS ENVIRONMENT. SPECIAL PROVISIONS: 46, 109. PACKING GROUP II. (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.003 MG/L</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 10.0 MG/M3; CLV: 20.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	USE LABEL PACK	OCC	CLASS RQR RSTR	<p>SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELLING, PACKING, STORAGE AND TRANSPORT ARE LISTED.</p> <p><u>Title</u> : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference</u> : VMZSR*,3,,1985 <u>Effective Date</u> : 1APR1985</p> <p><u>Last Amendment</u> : VMZSR*,10,98,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	BAT	<p>ALVEOLAR AIR: 1.6 ML/M3. SAMPLING TIME: 1 HOUR AFTER END OF EXPOSURE. THE CURRENT STATE OF THE ART OF QUANTITATIVE DETERMINATION OF HAZARDOUS SUBSTANCES IN THE ALVEOLAR AIR, BOTH FOR REASONS OF PRACTICABILITY AND ANALYTICAL FEASIBILITY, PERMITS ONLY LIMITED APPLICATION FOR OCCUPATIONAL MEDICAL SURVEILLANCE OF EXPOSED PERSONS. BLOOD: 70 UG/L. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT; FOR LONG-TERM EXPOSURES: AFTER SEVERAL SHIFTS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 ML/M3 (PPM); 65 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 20 ML/M3 (PPM); 130 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS. VAPOUR PRESSURE: 12.0 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SALE USE WASTE	- - REMOV	PRO PRO RSTR	<p>THE SUBSTANCE IS PROHIBITED: IN PRESSURE GAS PACKAGES (EFFECTIVE DATE 01 AUGUST 1991, EXCEPTIONS FOR PHARMACEUTICALS); AS FREEZING AGENT (EFF. DATE 01 JANUARY 1992 FOR LARGE-SCALE ESTABLISHMENTS CONTAINING MORE THAN 5 KG OF FREEZING AGENT IN CLOSED CYCLES; EFF. DATE 01 JANUARY 1994 FOR MOBILE LARGE-SCALE ESTABLISHMENTS; EFF. DATE 01 JANUARY 1995 FOR SMALL-SCALE ESTABLISHMENTS); AS FOAMING AGENT FOR PACKAGING MATERIAL AND DISHES (EFF. DATE 01 AUGUST 1991); AS ASSEMBLY FOAM IN GAS-PRESSURE PACKAGES (EFF. DATE 01 AUGUST 1991); AS INSULATION MATERIAL (EFF. DATE 01 JANUARY 1995); AS FOAMING AGENT FOR FURTHER USES (EFF. DATE 01 JANUARY 1992); AS CLEANING AGENT AND SOLVENT (EFF. DATE 01 JANUARY 1992, EXCEPTIONS FOR CHLORINATION IN CLOSED SYSTEMS WHEN TETRACHLOROMETHANE CAN'T BE REPLACED BY LESS DANGEROUS SUBSTANCES AND FOR CERTAIN PLANTS). THE DISTRIBUTOR IS OBLIGED TO REACCEPT USED SUBSTANCES (EFF. DATE 01 NOVEMBER 1991).</p> <p><u>Title</u> : ORDINANCE ON THE PROHIBITION OF FLUOROCHLOROHYDROCARBONS (FCKW-HALON-VERBOTS-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1090,1991 <u>Effective Date</u> : 01AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>0.003 MG/L (CALCULATED AS CCL4) CORRESPONDING TO ABOUT 0.02 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE + - 0.001 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	WASTE WASTE LABEL	REMOV REMOV	RSTR RQR	<p>HALOGENATED SOLVENTS THAT HAD BEEN USED IN SURFACE TREATMENT PLANTS, DRY CLEANING ESTABLISHMENTS, TEXTILE FINISHING PLANTS, AND EXTRACTION PLANTS HAVE TO BE KEPT SEPARATE ACCORDING TO THE MAIN INGREDIENT. IT IS PROHIBITED TO MIX SOLVENTS OF DIFFERENT EDUCTS OR TO MIX THEM WITH OTHER SUBSTANCES OR WASTE. USED SOLVENTS HAVE TO BE RE-ACCEPTED BY THE VENDOR. SOLVENTS HAVE TO BE LABELLED: "THIS SOLVENT HAS TO BE RECYCLED OR PROPERLY DISPOSED AFTER USE] IMPROPER DISPOSAL IS HAZARDOUS TO THE ENVIRONMENT] AFTER USE EVERY MIXING WITH OTHER SUBSTANCES OR SOLVENTS IS PROHIBITED."</p> <p><u>Title</u> : ORDINANCE ON THE DISPOSAL OF USED HALOGENATED SOLVENTS (VERORDNUNG UEBER DIE ENTSORGUNG GEBRAUCHTER HALOGENIERTER LOESEMITTEL)</p> <p><u>Reference</u> : BGZBAD,,I,1918,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SALE USE	CONSM CONSM	PRO PRO	<p>IT IS PROHIBITED TO MARKET THE SUBSTANCE OR PRODUCTS CONTAINING THE SUBSTANCE AS A SOLVENT OR CONTAINING MORE THAN 0.01 % OF THE SUBSTANCE (APPLIES ALSO TO IMPURITIES) FOR PRIVATE USE AND USE IN NON-COMMERCIALY USED ROOMS.</p> <p><u>Title</u> : FIRST ORDINANCE ON CHLORINATED ALIPHATICS (I.CHLORALIPHATENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1059,1991 <u>Effective Date</u> : 09MAY1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area Type Subject Spec. Description Level / Summary Information :

DEU REG CLASS - CLASS
LABEL RQR
PACK RQR CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.

Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)

Reference : BGZBAD,,1,1931,1991 Effective Date : 15JUN1991

Last Amendment : Entry / Update : APR1992

DEU REG FOOD PESTI MRL SPECIFIED PLANT PRODUCTS: 0.01 - 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.

Title : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)

Reference : BGZBAD,,1,1861,1989 Effective Date : 22MCH1990

Last Amendment : BGZBAD,,1,481,1990 Entry / Update : DEC1991

DEU REG USE - PRO CARBON TETRACHLORIDE OR HAZARDOUS SUBSTANCES WITH A MASS CONTENT OF MORE THAN 1 % OF CARBON TETRACHLORIDE MAY NOT BE USED. THIS DOES NOT APPLY WHEN FOR TECHNICAL REASONS THESE HAZARDOUS SUBSTANCES CAN NOT BE REPLACED BY LESS HAZARDOUS SUBSTANCES, FORMULATIONS OR PRODUCTS.

Title : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)

Reference : BGZBAD,,1,1931,1991 Effective Date : 15JUN1991

Last Amendment : Entry / Update : 1992

EEC REG CLASS - CLASS
LABEL RQR
PACK RQR CLASS: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23); DO NOT BREATHE GAS/FUMES/VAPOUR/SPAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 1%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); POSSIBLE RISKS OF IRREVEERSIBLE EFFECTS (R 40); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONDED EXPOSURE THROUGH INHALATION (R 48/23). FROM 0.2% TO 1%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONDED EXPOSURE THROUGH INHALATION (R 48/20).

Title : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES

Reference : OJEC**,196,,1,1967 Effective Date : 1JUL1992

Last Amendment : OJEC**,L 180,,79,1991 Entry / Update : APR1992

EEC REG USE - PRO
GOODS CONSM PRO MAY NOT BE USED IN: ORNAMENTAL OBJECTS INTENDED TO PRODUCE LIGHT OR COLOUR EFFECTS BY MEANS OF DIFFERENT PHASES, FOR EXAMPLE IN ORNAMENTAL LAMPS AND ASHTRAYS; TRICKS, JOKES; GAMES FOR ONE OR MORE PARTICIPANTS, OR ANY OBJECT INTENDED TO BE USED AS SUCH, EVEN WITH ORNAMENTAL ASPECTS.

Title : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).

Reference : OJEC**,L262,,201,1976 Effective Date : 21JUN1991

Last Amendment : OJEC**,L363,,36,1991 Entry / Update : 1992

EEC REG CLASS PESTI CLASS
PACK RQR
LABEL RQR
SALE RSTR PESTICIDE PREPARATIONS WHICH CONTAIN TETRA CHLOROMETHANE ARE CLASSIFIED INTO CLASS IA. I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.

Title : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).

Reference : OJEC**,L206,,13,1978 Effective Date :

Last Amendment : OJEC**,L144,,1,1984 Entry / Update : APR1986

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	<p>LIMIT VALUES FOR CARBON TETRACHLORIDE IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONCENTRATION OF CARBON TETRACHLORIDE OR MONTHLY AVERAGE IN WEIGHT/T OF SUBSTANCES PRODUCED, HANDLED OR USED) WHICH ARE TO BE COMPLIED WITH BY 1.1.1988 ARE FOR: 1) CARBON TETRACHLORIDE PRODUCTION BY PERCHLORINATION: 1.5 MG/L OF WATER DISCHARGED OR 40G/T OF TOTAL PRODUCTION CAPACITY OF CCL4 AND PERCHLOROETHYLENE (FOR PROCESSES INVOLVING WASHING); 1.5 MG/L OR 2.5G/T (FOR PROCESSES NOT INVOLVING WASHING). DAILY AVERAGE VALUES ARE: 3 MG/L OR 80G/T (FOR PROCESSES INVOLVING WASHING) AND 3 MG/L OR 5G/T (FOR PROCESSES NOT INVOLVING WASHING). 2) PRODUCTION OF CHLOROMETHANES BY METHANE CHLORINATION AND FROM METHANOL: 1.5 MG/L OR 10G/T OF TOTAL PRODUCTION CAPACITY OF CHLOROMETHANES. DAILY AVERAGE VALUES: 3 MG/L OR 20G/T. 3) PRODUCTION OF CHLOROFUOROCARBONS: LIMIT VALUES NOT ADOPTED. QUALITY OBJECTIVES FOR SURFACE WATERS IN THE AREA AFFECTED BY DISCHARGES WHICH ARE TO BE COMPLIED WITH BY 1.1.1988 ARE: 0.012 MG CCL4/LOF WATER. REFERENCE METHOD OF MEASUREMENT: GAS CHROMATOGRAPHY.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF CERTAIN DANGEROUS SUBSTANCES INCLUDED IN LIST I OF THE ANNEX TO DIRECTIVE 76/464/EEC. (86/280/EEC).</p> <p><u>Reference</u> : OJEC**,L181,,16,1986 <u>Effective Date</u> : 01JAN1988</p> <p><u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.1 MG/KG</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO CHLORINATED HYDROCARBONS (CHLOROFORM, P-DICHLOROBENZENE, CARBON TETRACHLORIDE) MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE; 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE. A REFERENCE METHOD FOR THE MEASURING PROCEDURES IS GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 NOVEMBER 1980 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK. (80/1107/EEC).</p> <p><u>Reference</u> : OJEC**,L327,,8,1980 <u>Effective Date</u> : 21DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L356,,74,1988 <u>Entry / Update</u> : JUL1991</p>
GBR	REG	AQ	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 12UG/L AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 1 SUBSTANCES ARE NOT EXCEEDED. THIS SYSTEM OF CLASSIFICATION IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATER (CLASSIFICATION) REGULATIONS 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/280/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>3 UG/L AS MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OVER THE PRECEDING 12 MONTHS IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>3UG/L MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OVER THE PRECEDING 12 MONTHS IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1147,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1837,,1991 <u>Entry / Update</u> : 1992</p>

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 12UG/L FOR CARBON TETRACHLORIDE, AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 2 SUBSTANCES ARE NOT EXCEEDED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/280/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	OCC	RSTR RQR	<p>IN THE INDIA RUBBER INDUSTRY NO PERSON UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY PROCESS IN WHICH THE FOLLOWING MATERIALS ARE USED OR ARE GIVEN OFF AS VAPOUR: CARBON DISULFIDE, CHLORIDE OF SULFUR, BENZENE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE OR ANY CARBON CHLORINE COMPOUND. NOR SHOULD ANY PERSON UNDER 16 YEARS OF AGE BE EMPLOYED IN ANY ROOM IN WHICH ANY SUCH PROCESS IS CARRIED OUT. MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN SUCH PROCESS ARE LISTED. (INDIA RUBBER MANUFACTURE REGULATION 1922, S.I.1922: NO.329 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> : THE EMPLOYMENT MEDICAL ADVISORY SERVICE (FACTORIES ACT ORDERS ETC AMENDMENT) ORDER 1973</p> <p><u>Reference</u> : GBRSI*,36,,,1973 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1986</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2Z</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN CARBON TETRACHLORIDE IN CONCENTRATIONS WHICH EXCEED THOSE THAT WOULD BE PRESENT REGARDLESS OF THE ACTIVITIES WITHIN THE PREMISES FROM WHICH THE EFFLUENT IS DISCHARGED. SEWERAGE UNDERTAKERS MUST NOTIFY THE COMPETENT AUTHORITY WHERE THE DISCHARGE OF THESE EFFLUENTS MIGHT CONTAIN CARBON TETRACHLORIDE IN CONCENTRATIONS GREATER THAN THE BACK-GROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC).</p> <p><u>Title</u> : THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1156,,2,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1629,,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 12.6 MG/M3 (2 PPM). STEL (10 MIN-TWA): 130 MG/M3 (20 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1846. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 31 MG/M3 (5 PPM) TENTATIVE VALUE. SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
JPN	REG	CLASS MANUF IMPRT LABEL	-	CLASS RSTR RSTR RQR	A CLASS II SPECIFIED CHEMICAL SUBSTANCE (=A SUBSTANCE WHICH, EITHER IN ITSELF OR ONE OF ITS DEGRADATION PRODUCTS, IS NOT EASILY DEGRADABLE AND WHICH MAY BE HARMFUL TO HUMAN HEALTH WHEN INGESTED CONTINUOUSLY AND WHICH IS CONSIDERED TO CAUSE OR EXPECTED TO CAUSE HARM TO HUMAN HEALTH DUE TO SIGNIFICANT RESIDUES OF THE SUBSTANCE IN A WIDE RANGE OF AREAS). A PERSON WHO MANUFACTURES OR IMPORTS THIS SUBSTANCE OR WHO IMPORTS PRODUCTS IN WHICH THIS SUBSTANCE IS CONTAINED SHALL SUBMIT A NOTIFICATION ON PLANNED MANUFACTURING OR IMPORT QUANTITIES. AUTHORITIES CONCERNED MAY ORDER A CHANGE OF THE AMOUNT IN ORDER TO PREVENT DAMAGE TO HUMAN HEALTH BY ENVIRONMENTAL POLLUTION. <u>Title :</u> THE LAW CONCERNING THE EXAMINATION AND REGULATION OF MANUFACTURE ETC. OF CHEMICAL SUBSTANCES. <u>Reference :</u> JPNCO*,,,1974 <u>Last Amendment :</u> JPNCO*,,,1990 <u>Effective Date :</u> 29MCH1989 <u>Entry / Update :</u> NOV1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 30 MG/M3 (5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 126 MG/M3 (20 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV : 20.0 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	FOOD	-	MRL	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-50.0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	MAC	4.0 MG/M3 1X/D; 0.7 MG/3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	PSL CLASS	0.006 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	FEED	-	MRL	50.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Effective Date :</u> APR1981 <u>Entry / Update :</u> OCT1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 13 MG/M3 (2 PPM); 15 MIN - STEL: 19 MG/MG (3 PPM). SKIN ABSORPTION. CARCINOGENIC. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1846. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AQ	CONSM	MPC	0.005 MG/LBOTTLED WATER. WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN PARAGRAPH (D) (3) (II) OF SECTION 103.35 55 FR 27834, SHALL NOT CONTAIN THE FOLLOWING VOLATILE ORGANIC CHEMICAL SUBSTANCES IN EXCESS OF THE CONCENTRATIONS SPECIFIED. <u>Title :</u> FEDERAL FOOD, DRUG, AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS-BOTTLED WATER. <u>Reference :</u> FEREAC,42,,14325,1977 <u>Last Amendment :</u> FEREAC,55,,27834,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> NOV1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 PPM, 31 MG/M3, SKIN A2, SKIN. A2= SUSPECTED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	300 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,60,1990 <u>Last Amendment :</u> XPHPAW,90,117,60,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992

Common Name : Carbon Tetrachloride

RTECS Number : FG4900000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>0.5 MG/L.THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEA CH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p><u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM LIVING QUARTERS.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTA NCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT. 112--NATIONAL EMISSION STANDARDS--HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>

Common Name : Carbon Tetrachloride

RTECS Number : FG490000

CAS Number : 56-23-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ	EMI INDST	RQR RQR	<p>BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT.</p> <p><u>Title</u> : 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS</p> <p><u>Reference</u> : FEREAC,44,,44502,1979 <u>Effective Date</u> : 1979</p> <p><u>Last Amendment</u> : CFRUS*,40,401,15,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	USE FOOD STORE MANUF PACK	- ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT OR OIL ON THE SURFACE. THESE SUBSTANCES ARE NOT TO BE USED IN QUANTITIES WHICH EXCEED THAT REQUIRED TO ACCOMPLISH THEIR INTENDED PHYSICAL OR TECHNICAL EFFECT AND ARE SO USED AS TO ACCOMPLISH NO EFFECT IN FOOD OTHER THAN THAT ORDINARILY ACCOMPLISHED BY PACKAGING.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD</p> <p><u>Reference</u> : FEREAC,42,,14554,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,176,180,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ	DRINK	MPC	<p>0.005 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Carbon Tetrachloride**RTECS Number :** FG4900000**CAS Number :** 56-23-5

Area Type Subject Spec. Description Level / Summary Information :

WHO REC: AQ DRINK GL

2 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.

Title : WHO GUIDELINES FOR DRINKING-WATER QUALITYReference : WHODW*,,,1983Effective Date :Last Amendment : WHODW*,,,1992Entry / Update : OCT1992

Common Name : Carbophenothion

RTECS Number : TD5250000

CAS Number : 786-19-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FEED	-	MXL	0.2-5.0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
ARG	REG	FOOD	-	MXL	PLANTS 0.3-5.0 MG/KG; ANIMAL FAT 0.1 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
BRA	REG	FOOD FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.2-2 MG/KG; SECURITY INTERVAL: 7-28 DAYS; SPECIFIED PLANT PRODUCTS: 5 MG/KG; SECURITY INTERVAL: 28 DAYS; SPECIFIED ANIMAL PRODUCTS: 0.1-1 MG/KG (AS NOT-INTENTIONAL RESIDUES); PROVISIONAL TOXICITY CLASS: I,II (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	FOOD LABEL SALE IMPRT SALE	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.5-0.8 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 25NOV1976 <u>Entry / Update :</u> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1985. CODE CPT. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 11AUG1988 <u>Entry / Update :</u> JUN1991
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 1.0 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 0.1 MG/KG LIPID WEIGHT. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG WET WEIGHT. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Effective Date :</u> 22MCH1990 <u>Entry / Update :</u> DEC1991

Common Name : Carbophenothion

RTECS Number : TD5250000

CAS Number : 786-19-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	MANUF STORE	INDST	RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 100 KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN CARBOPHENOTHION ARE CLASSIFIED INTO CLASS IB, I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.0005 MG/KG BW; MRL: CITRUS FRUIT, SPINACH: 2 MG/KG; APPLES, APRICOTS, CARCASE MEAT OF CATTLE AND SHEEP (IN CARCASE FAT), NECTARINES, PEACHES, PEARS, PLUMS: 1 MG/KG; BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER: 0.5 MG/KG; OLIVE OIL: 0.2 MG/KG; OLIVES (UNPROCESSED), SUGAR BEETS: 0.1 MG/KG; PECANS, POTATOES, RAPESEED, WALNUTS (SHELL-FREE BASIS): 0.02 MG/KG; MILK: 0.004 MG/KG (CALCULATED AS SUM OF CARBOPHENOTHION, ITS SULPHOXIDE AND ITS SULPHONE, EXPRESSED AS CARBOPHENOTHION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,11-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : Carbophenothion

RTECS Number : TD5250000

CAS Number : 786-19-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.5-2.0 MG/KG (AS THE SUM OF CARBOPHENOTHION, THE SULPHOXIDE AND SULPHONE, EXPRESSED AS CARBOPHENOTHION). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference :</u> GBRSI*,1378,,1988 <u>Effective Date :</u> 02AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,1990 <u>Entry / Update :</u> SEP1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->20%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 20-5% (SOLID) OR 20-2% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991</p>
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.1-2.0 MG/KG.</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>

Common Name : Carbophenothion

RTECS Number : TD5250000

CAS Number : 786-19-6

Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-0.5 MG/KG (INCL. CARBOPHENOTHION, ITS SULFOXIDE, AND ITS SULFONE) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01JAN1990 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- >20%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 20-5% (SOLID) OR 20-2% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPO'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, CARBOPHENOTHION, 1984.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992

Common Name : Carboxin

RTECS Number : RP455000

CAS Number : 5234-68-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-0.2 MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS FUNGICIDE (AGRICULTURAL). (FORMULATION: DUSTOR POWDER; SOLUTION; SUSPENSION; WETTABLE POWDER) <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	CEREALS: 0.2 MG/KG. OTHER PLANT PRODUCTS: 0.02 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
GBR	REG	USE	PESTI	PRMT	APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE. <u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIENSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference :</u> PFBEK*,,,1991 <u>Effective Date :</u> **APR1992 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : Carboxin

RTECS Number : RP4550000

CAS Number : 5234-68-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CARBOXIN, 1981. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT; PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Cartap

RTECS Number :

CAS Number : 15263-52-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.03MG/KG; SECURITY INTERVAL: 14 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC; IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.
					<p><u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,,,8,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON.
					<p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
FW	REC	FOOD FOOD	-	ADI MRL	ADI: 0.1 MG/KG BW; MRL: TEA (GREEN,DRIED): 20 MG/KG; HOPS (DRIED): 5 MG/KG; CHINESE CABBAGE: 2 MG/KG; GRAPES, PERSIMMONS, RADISHES: 1 MG/KG; CABBAGE: 0.2 MG/KG; CHESTNUTS (SEED INCLUDING PERICARP), GINGER, POTATOES, RICE (HULLED), SWEET CORN: 0.1 MG/KG (EXPRESSED AS CARTAP, FREE BASE)
					<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,,XIII,,97-IV,1986 <u>Entry / Update</u> : APR1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN 100-40% A.I. (SOLID OR LIQUID) (APPLIES TO CARTAP HYDROCHLORIDE)
					<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN 100-40% A.I. (SOLID OR LIQUID) (APPLIES TO CARTAP HYDROCHLORIDE)
					<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Entry / Update</u> : APR1986</p>

Common Name : Cellosolve

RTECS Number : KK8050000

CAS Number : 110-80-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 19 MG/M3 (5 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1%WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1171. CLASS (3.3): FLAMMABLE LIQUID. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 220 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS. UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 19 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 20 ML/M3 (PPM); 75 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 40 ML/M3 (PPM); 150 MG/M3; AVERAGE VALUE: 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. PREGNANCY GROUP B: ACCORDING TO CURRENTLY AVAILABLE INFORMATION, A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS MUST BE CONSIDERED TO BE PROBABLE. DAMAGE TO THE DEVELOPING ORGANISM CANNOT BE EXCLUDED WHEN PREGNANT WOMEN ARE EXPOSED EVEN WHEN MAK AND BAT VALUES ARE ADHERED TO. VAPOUR PRESSURE: ABOUT 0.5 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGFDF,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Cellosolve

RTECS Number : KK8050000

CAS Number : 110-80-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). TERA CAT.2; MAY CAUSE BIRTH DEFECTS (R 47). XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: XN - HARMFUL; MAY CAUSE BIRTH DEFECTS (R 47); FLAMMABLE (R 10); HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. IT MAY BY USED AS SOLVENT; MAXIMUM TOTAL QUANTITY OF ALL SOLVENTS: 0.6 MG/DM2 ON THE SIDE IN CONTACT WITH FOODSTUFFS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2S</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 37 MG/M3 (10 PPM) - SKIN ABSORPTION -</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : Cellosolve

RTECS Number : KK8050000

CAS Number : 110-80-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	MEL	8H-TWA: 37 MG/M3 (10 PPM). SKIN ABSORPTION. <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1171. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
JPN	REC	AIR	OCC	MAC	TWA: 18 MG/M3 (5 PPM). SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 185 MG/M3 (50 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 370 MG/M3 (100 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REG	AQ	SURF	MAC CLASS	1.0 MG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	AMBI	PSL	0.7 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> DEC1983 <u>Last Amendment :</u> OBUAV*,2947-83,,1983 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 10 MG/M3; (VAPOUR) HAZ. CLASS: III <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 19 MG/M3 (5 PPM); 15 MIN - STEL: 40 MG/M3 (10 PPM). SKIN ABSORPTION. MEDICAL GROUNDS FOR THE EXPOSURE LIMITS FOR METHYL- AND ETHYL ETHERS OF ETHYLENE GLYCOL AS WELL AS THEIR ACETATES ARE THEIR ADVERSE EFFECTS ON REPRODUCTION. CONSIDERING THAT ETHYLENE GLYCOL ETHERS ARE VERY EASILY ABSORBED VIA THE SKIN IT IS IMPORTANT TO AVOID SKIN CONTACT. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1171. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982

Common Name : Cellosolve

RTECS Number : KK8050000

CAS Number : 110-80-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 PPM, 18 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : Chloramben

RTECS Number : DG1925000

CAS Number : 133-90-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1 MG/KG (PROVISIONAL TOLERANCES); SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS HERBICIDE. (FORMULATION: GRANULAR; SOLUTION; SOLUBLE POWDER; WETTABLE POWDER; SOLID). APPLIES TO CHLORAMBEN PRESENT AS AN AMMONIUM SALT OR A SODIUM SALT. CODE CHA. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
DEU	REG	USE	PESTI	RSTR	PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. <u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1196,1988 <u>Effective Date :</u> 29MCH1991 <u>Last Amendment :</u> BGZBAD,,I,796,1991 <u>Entry / Update :</u> DEC1991
RUS	REG	SOIL	-	PSL	0.5 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> MCH1982 <u>Last Amendment :</u> ODKPP*,2530-82,,,1982 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	AMBI	MAC	0.01 MG/M3 1X/D, 0.006 MG/M3 AV/D (CALCULATED VALUES) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> JUN1982
RUS	REG	AQ	SURF	MAC CLASS	0.5 MG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.25 MG/KG; ADI = 0.01 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1983 <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Entry / Update :</u> OCT1985

Common Name : Chloramben

RTECS Number : DG1925000

CAS Number : 133-90-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>

Common Name : Chlorbenside

RTECS Number : WQ2975000

CAS Number : 103-17-3

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	FOOD	PESTI	MRL	VEGETABLES, FRUITS: 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 2 MG/KG. <u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 3.0 MG/KG. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982

Common Name : Chlordane

RTECS Number : PB9800000

CAS Number : 57-74-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	USE	-	PRO	PROHIBITED FOR USE AS ANTIWEEVIL AGENT ON SEEDS AND THEIR PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,47,,,1972 <u>Effective Date :</u> 1JUN1972 <u>Entry / Update :</u> 1982
ARG	REG	FOOD	-	MXL	0-0.3 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
ARG	REG	USE	-	PRO	PROHIBITED FOR USE ON CATTLE, SHEEP, GOATS, SWINE AND HORSES. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADECG*,2678,,, <u>Effective Date :</u> 10JUN1969 <u>Entry / Update :</u> 1982
ARG	REG	TRNSP STORE PACK LABEL SALE	-	RSTR	CONDITIONS FOR TRANSPORT, STORAGE, PACKAGING, LABELLING AND COMMERCE. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADECG*,2678,,, <u>Effective Date :</u> 10JUN1969 <u>Entry / Update :</u> 1982
ARG	REG	GOODS	-	MXL	TOBACCO 0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,80,,,1971 <u>Effective Date :</u> 20DEC1971 <u>Entry / Update :</u> 1982
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.5MG/M3; 15MIN-STEL: 2MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION. (SUBMITTED FOR MODIFICATION). <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
ARG	REG	USE	-	PRO	PROHIBITED FOR USE IN CULTIVATION, COMMERCE AND INDUSTRIAL PROCESSING OF TOBACCO. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,80,,,1971 <u>Effective Date :</u> 20DEC1971 <u>Entry / Update :</u> 1982
BRA	REG	FOOD	-	AL	SPECIFIED PLANT PRODUCTS: 0.3 MG/KG <u>Title :</u> VIGILANCIA SANITARIA-VOL.II; COLETANEA DE ATOS EM VIGOR PERTINENTES A ATUAL LEGISLACAO SANITARIA DE DROGAS, MEDICAMENTOS, INSUMOS FARMACEUTICOS, PRODUTOS DIETETICOS E CORRELATOS, PERFUMES, PRODUTOS DE HIGIENE, COSMETICOS E SANEANTES DOMISSANITARIOS E DE PORTOS, AEROPORTOS E FRONTEIRAS (HEALTH REGS.,VOL.II; COLL. OF DOCS. RELATED TO LEG. ON DRUGS,MEDICINE,PHARMACEUTICALS,PERFUMES,HYGIENE PRODUCTS,COSMETICS & SANITARY HOUSEHOLD PRODUCTS AS APPLIED AT PORTS,AIRPORT & FRONTIERS) <u>Reference :</u> VISAB*,2,,161,1979 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1982
CAN	REC	AQ	DRINK	MAC GL	MAC: 0.007 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. UNDER REVIEW. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEYSPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 1989 <u>Entry / Update :</u> NOV1991

Common Name : **Chlordane**RTECS Number : **PB9800000**CAS Number : **57-74-9****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER ORGANOCHLORINE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO CHLORDANE MIXTURES) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	AIR	OCC	TLV	TWA: 0.5 MG/M3; STEL: 2 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL= 0.1 PPM (CALCULATED ON THE FAT CONTENT) (APPLIES TO CHLORDANE INCLUDING THE METABOLITE OXYCHLORDANE). THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBESTANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD ANDDRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 08MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE CLD. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLYREGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1-0.3MG/KG. <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986 <u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 0.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30MIN-STEL: 5 MG/M3; AVERAGE VALUE: 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. NOT REGISTERED AS A PESTICIDE. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGFDF,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : Chlordane

RTECS Number : PB9800000

CAS Number : 57-74-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	GOODS	PESTI	MRL	<p>TOBACCO: 0.2 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN, MILK, MILK PRODUCTS: 0.05 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.02 MG/KG WET WEIGHT. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG WET WEIGHT. APPLIES TO THE SUM OF CHLORDANE AND OXYCHLORDANE, CALCULATED AS CHLORDANE.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.02 - 0.05 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>0,01-0,05 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,002 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK. (APPLIES TO CHLORDANE (SUM OF CIS- AND TRANS- ISOMERS AND OXYCHLORDANE EXPRESSED AS CHLORDANE)).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FOODSTUFFS OF ANIMAL ORIGIN. (86/363/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,43,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1987</p>
EEC	REG	EXPRT	PESTI	RQR	<p>CHLORDANE IS BANNED/SEVERELY RESTRICTED ON ACCOUNT OF ITS EFFECTS ON HUMAN HEALTH AND THE ENVIRONMENT. IT IS SUBJECT TO NOTIFICATION: WHEN IT IS EXPORTED FOR THE FIRST TIME FROM THE COMMUNITY TO A THIRD COUNTRY, APPROPRIATE AUTHORITIES IN THE EXPORTING COUNTRY SHALL NOTIFY APPROPRIATE AUTHORITIES OF THE COUNTRY OF DESTINATION IF POSSIBLE PRIOR TO EXPORT. THIS CHEMICAL IS SUBJECT TO MEASURES ON PACKAGING AND LABELLING. (THIS REGULATION ALSO PROVIDES FOR NOTIFICATION BY A THIRD COUNTRY CONCERNING ITS EXPORT TO THE COMMUNITY OF A CHEMICAL SUBJECT TO PROHIBITION OR SUBSTANTIAL LEGAL RESTRICTION UNDER THAT COUNTRY'S LEGISLATION).</p> <p><u>Title</u> : COUNCIL REGULATION (EEC) NO 1734/88 OF 16 JUNE 1988 CONCERNING EXPORT FROM AND IMPORT INTO THE COMMUNITY OF CERTAIN DANGEROUS CHEMICALS.</p> <p><u>Reference</u> : OJEC**,L155,,2,1988 <u>Effective Date</u> : 22JUN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>

Common Name : **Chlordane**RTECS Number : **PB980000**CAS Number : **57-74-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIB, I.E.WHEN SOLID: AS HARMFUL AT CONCS. >12.5-100%, WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >6-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLEEFFECTS (R 40); XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22). LABEL: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	PRO PRO PRO	<p>MEMBER STATES SHALL ENSURE THAT PLANT PROTECTION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCEALONE OR IN COMBINATION WITH OTHER ACTIVE SUBSTANCES LISTED MAY NEITHER BE PLACED ON THE MARKET NOR USED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 DECEMBER 1978 PROHIBITING THE PLACING ON THE MARKET AND USE OF PLANT PROTECTION PRODUCTS CONTAINING CERTAIN ACTIVE SUBSTANCES. (79/117/EEC).</p> <p><u>Reference</u> : OJEC**,L33,,36,1979 <u>Effective Date</u> : 01JAN1988</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : NOV1987</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.02MG/KG (SUM OF CIS- ANDTRANS-ISOMERS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF CHLORDANE (SUM OF CIS- AND TRANS- ISOMERS AND OF OXYCHLORDANE, EXPRESSED AS CHLORDANE) FOR ALL FEEDINGSTUFFS: 0,02 MG/KG EXCEPT FATS: 0,05 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC).</p> <p><u>Reference</u> : OJEC**,L38,,31,1974 <u>Effective Date</u> : 03DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : MAY1992</p>
FW	REC	FOOD FOOD FOOD	-	ADI MRL ERL	<p>ADI(TEMPORARY): 0.001 MG/KG BW; MRL(TEMPORARY): LINSEED OIL (CRUDE), SOYA BEAN OIL (CRUDE): 0.5 MG/KG; SUGAR BEETS: 0.3 MG/KG; CANTALOUPE, COTTONSEED OIL (CRUDE), CUCUMBERS, PINEAPPLES, PUMPKINS, SQUASH, WATERMELONS: 0.1 MG/KG; ERL: MAIZE, OATS, POULTRY (IN CARCASE FAT), RICE (POLISHED), RYE, SORGHUM, WHEAT: 0.05 MG/KG; BEANS, CITRUS FRUIT, COTTONSEED OIL (EDIBLE), EGGPLANTS, EGGS (SHELL-FREE BASIS), PEAS, PEPPERS, PIMENTOES, POME FRUIT, SOYA BEAN OIL (EDIBLE), STONE FRUIT, TOMATOES: 0.02 MG/KG; MILK: 0.002 MG/KG (EXPRESSED AS SUM OF CIS- AND TRANS-CHLORDANE, OR, IN THE CASE OF ANIMAL PRODUCTS, SUM OF CIS- AND TRANS-CHLORDANE AND OXYCHLORDANE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,12-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REC	USE	AGRIC PESTI	RSTR	<p>ONLY PERMITTED USE IN HORTICULTURE AND THE HOME GARDEN: AS AN EARTHWORM KILLER IN TURF AND LAWNS.</p> <p><u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.</p> <p><u>Reference</u> : GBCPR*,1462,,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Chlordane

RTECS Number : PB9800000

CAS Number : 57-74-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REC	USE	AGRIC PESTI	RSTR	<p>WITHDRAWAL OF HOME GARDEN USE TO CONTROL GARDEN PESTS SUCH AS ANTS, WASPS AND COCKROACHES (THIS DOES NOT INCLUDE EARTHWORMS).</p> <p><u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.</p> <p><u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : 01JAN1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
GBR	REC	USE STORE	AGRIC PESTI	RSTR	<p>WITHDRAWAL OF HOME GARDEN USE TO CONTROL GARDEN PESTS SUCH AS ANTS, WASPS AND COCKROACHES (THIS DOES NOT INCLUDE EARTHWORMS). ONLY PERMITTED USE IN HORTICULTURE AND THE HOME GARDEN AS AN EARTHWORM KILLER IN TURF AND LAWNS. ONLY PERMITTED IN FOOD STORAGE AND IN HOME KITCHEN AND LARDER FOR THE CONTROL OF COCKROACHES, ANTS AND WASPS. REASONS FOR THE CONTROL ACTION: CHLORDANE IS A PERSISTENT ORGANOCHLORINE. HOME GARDEN USES TO CONTROL GARDEN PESTS WERE WITHDRAWN IN ACCORDANCE WITH COUNCIL DIRECTIVE 79/117/EEC (PROHIBITION DIRECTIVE). (EARTHWORM CONTROL WAS NOT AFFECTED BY THE DIRECTIVE AS THIS IS NOT CONSIDERED TO BE PLANT PROTECTION USE). ALL REMAINING USES ARE KEPT UNDER REVIEW AND WILL BE REPLACED WHEN POSSIBLE BY LESS PERSISTENT PESTICIDES.</p> <p><u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.</p> <p><u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : 01JAN1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN EARTHWORM KILLER. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.5MG/M3. STEL(10MIN-TWA): 2MG/M3. SKIN ABSORPTION. TO BE REVIEWED.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	PESTI	PRO	<p>ALL REMAINING APPROVALS IN FOOD STORAGE PRACTICE, HOME KITCHEN, LARDER AND GARDEN USE, AGRICULTURE AND HORTICULTURE REVOKED EXCEPT FOR USE AS AN EARTHWORM KILLER IN GARDENS, AGRICULTURE AND HORTICULTURE. REASONS FOR THE CONTROL ACTION: AS PART OF THE UK'S POLICY TO PHASE OUT PERSISTENT ORGANOCHLORINE PESTICIDES AS SUITABLE ALTERNATIVES BECOME AVAILABLE.</p> <p><u>Title</u> : NOTICE OF APPROVAL ISSUED UNDER PART III OF THE FOOD AND ENVIRONMENT PROTECTION ACT 1985</p> <p><u>Reference</u> : NAFEP*,,,III,,1985 <u>Effective Date</u> : 31DEC1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1990</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.02-0.5MG/KG FOR THE SUM OF CIS- AND TRANS-ISOMERS (AND OXYCHLORDANE FOR PRODUCTS OF ANIMAL ORIGIN ONLY) EXPRESSED AS CHLORDANE. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-55% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,6222,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : Chlordane

RTECS Number : PB9800000

CAS Number : 57-74-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REG	CLASS MANUF IMPRT USE	-	CLASS PRO PRO PRO	<p>A CLASS I SPECIFIED CHEMICAL SUBSTANCE (= A SUBSTANCE WHICH, IN ITSELF OR ONE OF ITS DEGRADATION PRODUCTS, IS NOT EASILY DEGRADABLE, WHICH BIOACCUMULATES, AND WHICH MAY BE HARMFUL TO HUMAN HEALTH WHEN INGESTED CONTINUOUSLY). THIS SUBSTANCE SHALL NOT BE MANUFACTURED, IMPORTED OR USED BY ANY PERSON WHO HAS NOT OBTAINED AUTHORISATION. NO ONE SHALL IMPORT ANY PRODUCT IN WHICH THIS SUBSTANCE IS CONTAINED.</p> <p><u>Title</u> : THE LAW CONCERNING THE EXAMINATION AND REGULATION OF MANUFACTURE ETC. OF CHEMICAL SUBSTANCES.</p> <p><u>Reference</u> : JPNCO*,,,1974 <u>Effective Date</u> : 17SEP1986</p> <p><u>Last Amendment</u> : JPNCO*,,,1986 <u>Entry / Update</u> : NOV1991</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.02-0.5 MG/KG.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : -</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
KEN	REG	USE USE	AGRIC PESTI	PRO PRO	<p>TOTAL BAN OF THE PESTICIDE. REASONS FOR THE CONTROL ACTION: ACTION TAKEN BECAUSE OF HEALTH HAZARDS</p> <p><u>Title</u> : PEST CONTROL PRODUCTS BOARD DECISION REF. PCPB/1/II/95 OF 22/4/85</p> <p><u>Reference</u> : KENPC*,,,1985 <u>Effective Date</u> : FEB1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1987</p>
MEX	-	USE USE	AGRIC PESTI	RSTR RSTR	<p>PESTICIDE OF RESTRICTED AGRICULTURAL USE FOR MAIZE AND SORGHUM. REASONS FOR THE CONTROL ACTION: CONTROL OF PESTS, ENVIRONMENTAL CONTAMINATION AND HEALTH OF MAN BECAUSE OF ITS TOXICITY.</p> <p><u>Title</u> : REGISTRO INTERNO EN LA DIRECCION GENERAL DE SANIDAD Y PROTECCION AGROPECUARIA Y FORESTAL, SARH (INTERNAL REGISTER OF THE GENERAL DIRECTION OF HEALTH AND PROTECTION FOR AGRICULTURE AND FORESTRY)</p> <p><u>Reference</u> : MEXRI*,,, <u>Effective Date</u> : 25JUN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1903</p>
MEX	REG	AQ	AMBI	MPC	<p>2.0 UG/L IN COASTAL WATERS</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>
MEX	REG	AQ	AMBI	MPC	<p>0.003 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND RECREATION</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>

Common Name : **Chlordane**RTECS Number : **PB9800000**CAS Number : **57-74-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 2MG/M3 FOR 15 MINUTES FOR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AQ	AMBI	MPC	<p>0.02 MG/L IN ESTUARIES</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 0.01 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: I</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.1MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992</p>
SWE	REG	USE	PESTI	PRO	<p>SUSPENDED BECAUSE OF ITS PERSISTENCE AND ENVIRONMENTAL IMPACT.</p> <p><u>Title</u> : DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3. STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..."</p> <p><u>Reference</u> : PKBB*,,,1971 <u>Effective Date</u> : ** 1971</p> <p><u>Last Amendment</u> : SVENF*,1985:426,4,,1985 <u>Entry / Update</u> : FEB1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-55% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Entry / Update</u> : MAY1986</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>500 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,60,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,60,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 2 MG/M3, SKIN; SUMMARY - THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>

Common Name : **Chlordane**RTECS Number : **PB980000**CAS Number : **57-74-9****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). (APPLIES ALSO TO ITS ALPHA AND GAMMA ISOMERS)</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CHLORDANE, 1986.; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR	EMI	RQR	<p>; SUMMARY - FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS cLBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	-	RQR	<p>; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>LIQUID: NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>

Common Name : Chlordane

RTECS Number : PB9800000

CAS Number : 57-74-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	GRND	MONIT	; SUMMARY - THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H)(2) UNLE SS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991
USA	REG	AQ	DRINK	MPC	0.002 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61; SUMMARY - MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975 <u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991
USA	REG	WASTE	-	MPC	0.03 MG/L.; SUMMARY - THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEA CH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS. <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY. <u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992
USA	REG	SAFTY	INDST	RQR	TPQ=1,000 RQ=1; SUMMARY - THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, T HE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991
USA	REG	AIR	EMI	RQR	; SUMMARY - FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	DRINK	CLASS	; SUMMARY - FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989 <u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991

Common Name : **Chlordane**RTECS Number : **PB9800000**CAS Number : **57-74-9**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ	EMI	RQR	1 (0.454) LBS (KG); SUMMARY - FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.
		AQ	GRND	RQR	
		AQ	MARIN	RQR	

Title : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311

Reference : FEREAC,51,,34547,1986

Effective Date : 1986

Last Amendment : CFRUS*,40,117,3,1991

Entry / Update : SEP1991

WHO	REC	AQ	DRINK	GL	0.2 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.
		AQ	PESTI	GL	

Title : WHO GUIDELINES FOR DRINKING-WATER QUALITY

Reference : WHODW*,,,1983

Effective Date :

Last Amendment : WHODW*,,,1992

Entry / Update : OCT1992

Common Name : Chlordecone

RTECS Number : PC8575000

CAS Number : 143-50-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR DOMESTIC USE AS INSECTICIDE. (FORMULATION: PASTE). CODE CHD. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER ORGANOCHLORINE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
DEU	REC	AIR	OCC	MAK	<p>SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). NO MAK VALUE ESTABLISHED. NOT REGISTERED AS A PESTICIDE.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p><u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1196,1988 <u>Effective Date :</u> 29MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,I,796,1991 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF KELEVAN, KELEVAN ACID, AND CHLORDECONE, CALCULATED AS KELEVAN.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE DUST (S 22); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>

Common Name : Chlordecone

RTECS Number : PC8575000

CAS Number : 143-50-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IC, I.E. WHEN SOLID: AS TOXIC AT CONCS. >33% AND AS HARMFUL AT >1.7-33%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >20% AND AS HARMFUL >1-20%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
GBR	REC	USE STORE	AGRIC PESTI	PRO PRO	<p>WITHDRAWAL OF ALL INSECTICIDAL USES IN FOOD STORAGE PRACTICE, HOME GARDENS AND HOME KITCHENS AND LARDERS. REASONS FOR THE CONTROL ACTION: BECAUSE EVIDENCE FROM ANIMALS STUDIES SHOWED THAT CHLORDECONE WAS A POTENTIAL HUMAN CARCINOGEN</p> <p><u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE.</p> <p><u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : JUL1977</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>
SWE	REG	USE	PESTI	PRO	<p>THIS SUBSTANCE HAS BEEN WITHDRAWN FROM THE MARKET AFTER MUTUAL DISCUSSIONS BETWEEN THE CHEMICALS INSPECTORATE AND THE IMPORTERS. REASONS FOR THE CONTROL ACTION: CARCINOGENIC EFFECT ON EXPERIMENTAL ANIMALS AND PERSISTENCE</p> <p><u>Title</u> : DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3. STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..."</p> <p><u>Reference</u> : NPPBD*,,,1984 <u>Effective Date</u> : 31DEC1978</p> <p><u>Last Amendment</u> : SVENF*,1985:426,,4,1985 <u>Entry / Update</u> : OCT1985</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Chlordecone

RTECS Number : PC8575000

CAS Number : 143-50-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).

THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).

Title : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.

Reference : FEREAC,45,,78541,1980

Effective Date : 1980

Last Amendment : CFRUS*,40,261,33,1990

Entry / Update : JAN1992

Common Name : **Chlordimeform**RTECS Number : **LQ4375000**CAS Number : **6164-98-3**Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
					<p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	FOOD	PESTI	MRL	HONEY: 0.01 MG/KG. APPLIES TO THE SUM OF CHLORDIMEFORM AND CHLORDIMEFORM HYDROCHLORIDE TOGETHER WITH ITS DEGRADATION AND REACTION PRODUCTS WHICH CAN BE DETERMINED AS 4-CHLORO-O-TOLUIDINE; CALCULATED AS CHLORDIMEFORM.
					<p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	ALL PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF CHLORDIMEFORM AND CHLORDIMEFORM HYDROCHLORIDE TOGETHER WITH ITS DEGRADATION AND REACTION PRODUCTS WHICH CAN BE DETERMINED AS 4-CHLORO-O-TOLUIDINE; CALCULATED AS CHLORDIMEFORM.
					<p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.
					<p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,1,796,1991 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.WHEN SOLID: AS HARMFUL AT CONCS > 5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS > 50% AND AS HARMFUL AT > 2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.
					<p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS. XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22). LABEL: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE DUST (S 22); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 38/39).
					<p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
FW	REC	FOOD FOOD	-	ADI MRL	ADI(TEMPORARY): 0.0001 MG/KG BW; MRL (TEMPORARY): COTTONSEED, COTTONSEED OIL (CRUDE): 2 MG/KG; CARCASE MEAT OF CATTLE, PIGS AND SHEEP, COTTONSEED OIL (EDIBLE), MILK, MILK PRODUCTS, POULTRY: NO RESIDUES ARE TO OCCUR AT THE CURRENT LIMIT OF DETECTION (0.05 MG/KG) (CALCULATED AS SUM OF CHLORDIMEFORM AND ITS METABOLITES DETERMINED AS 4-CHLORO-O-TOLUIDINE AND EXPRESSED AS CHLORDIMEFORM)
					<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,13-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : Chlordimeform

RTECS Number : LQ4375000

CAS Number : 6164-98-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-50% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 3.0-5.0 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
KEN	REG	USE USE	AGRIC PESTI	PRO PRO	TOTAL BAN OF THE PESTICIDE. REASONS FOR THE CONTROL ACTION: ACTION TAKEN BECAUSE OF HEALTHHAZARDS <u>Title :</u> PEST CONTROL PRODUCTS BOARD DECISION REF. PCPB/1/II/95 OF 22/4/85 <u>Reference :</u> KENPC*,,,1985 <u>Effective Date :</u> FEB1987 <u>Last Amendment :</u> <u>Entry / Update :</u> 1987
MEX	-	USE USE	AGRIC PESTI	PRO PRO	PROHIBITED AGRICULTURAL PESTICIDE. REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT (BECAUSE OF ITS POTENTIAL CARCINOGENICITY). <u>Title :</u> REGISTRO INTERNO EN LA DIRECCION GENERAL DE SANIDAD Y PROTECCION AGROPECUARIA Y FORESTAL, SARH (INTERNAL REGISTER OF THE GENERAL DIRECTION OF HEALTH AND PROTECTION FOR AGRICULTURE AND FORESTRY) <u>Reference :</u> MEXRI*,,, <u>Effective Date :</u> 1986 <u>Last Amendment :</u> <u>Entry / Update :</u> 1903
RUS	REG	USE MANUF	-	PRO PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> KGTXP*,,,1981 <u>Effective Date :</u> <u>Entry / Update :</u> NOV1982
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: CARCINOGENIC <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,30MCH,1978 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-50% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, CHLORDIMEFORM HCL, 1985. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992

Common Name : Chlorfenethol

RTECS Number : DC7875000

CAS Number : 80-06-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.

Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)Reference : BGZBAD,,1,1931,1991Effective Date : 15JUN1991Last Amendment :Entry / Update : APR1992

EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E.WHEN SOLID: AS HARMFUL AT CONCS. >25-100% ANDWHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.
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Title : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).Reference : OJEC**,L206,,13,1978Effective Date :Last Amendment : OJEC**,L144,,1,1984Entry / Update : APR1986

EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); WEAR SUITABLE PROTECTIVE CLOTHING (S 36).
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Title : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCESReference : OJEC**,196,,1,1967Effective Date : 1JUL1992Last Amendment : OJEC**,L 180,,79,1991Entry / Update : APR1992

RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.
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Title :Reference :Effective Date : 1JAN1986Last Amendment : SCHSB*,1986-90,,1987Entry / Update : NOV1987

RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.
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Title :Reference :Effective Date : 1JAN1986Last Amendment : SCHSB*,1986-90,,1987Entry / Update : NOV1987

Common Name : Chlorfenvinphos

RTECS Number : TB8750000

CAS Number : 470-90-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05 MG/KG; SECURITY INTERVAL: 21 DAYS) (PROVISIONAL SECURITY INTERVAL FOR COFFEE: 90 DAYS); SPECIFIED ANIMAL PRODUCTS: 0.2 MG/KG (IN FAT); SECURITY INTERVAL: 7 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.

Title : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)

Reference : SBTAP*,1,1984

Effective Date :

Last Amendment :

Entry / Update : AUG1985

CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, RESTRICTED USE AS INSECTICIDE. (FORMULATION: GRANULAR; PELLET; EMULSIFIABLE CONCENTRATE OR EMULSION; WETTABLE POWDER). CODE CFV. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.
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Title :

Reference : CAGAAK,122,18,3601,1988

Effective Date : 11AUG1988

Last Amendment :

Entry / Update : JUN1991

DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.
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Title : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)

Reference : GMSMA6,,8,114,1990

Effective Date :

Last Amendment :

Entry / Update : DEC1991

DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
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Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)

Reference : BGZBAD,,I,1931,1991

Effective Date : 15JUN1991

Last Amendment :

Entry / Update : APR1992

DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.
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Title : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)

Reference : BGZBAD,,I,1891,1991

Effective Date : 01SEP1991

Last Amendment :

Entry / Update : NOV1991

DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG.
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Title : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)

Reference : BGZBAD,,I,1861,1989

Effective Date : 22MCH1990

Last Amendment : BGZBAD,,I,481,1990

Entry / Update : DEC1991

Common Name : Chlorfenvinphos

RTECS Number : TB8750000

CAS Number : 470-90-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (SPECIFIED) : 0.05-1.0 MG/KG. OTHER VEGETABLES: 0.1 MG/KG (CALCULATED AS THE SUM OF THE E- AND Z-ISOMERS OF CHLORFENVINPHOS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24). LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN (R 24); VERY TOXIC IF SWALLOWED (R 28); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 100 KG AND ABOVE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN CHLORFENVINPHOS ARE CLASSIFIED INTO CLASS IA,I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THEREQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.002 MG/KG BW; MRL: CARROTS, CELERY: 0.4 MG/KG; CARCASE MEAT (IN CARCASE FAT): 0.2 MG/KG; CAULIFLOWER, HORSERADISH, RADISHES, TOMATOES: 0.1 MG/KG; BROCCOLI, BRUSSELS SPROUTS, CABBAGE, COTTONSEED, EGGPLANTS, LEEKS, MAIZE (IN KERNELS), MUSHROOMS, ONIONS, PEANUTS (SHELL-FREE BASIS), POTATOES, RICE, SWEDES (RUTABAGAS), SWEET POTATOES, TURNIPS, WHEAT: 0.05 MG/KG; MILK: 0.008 MG/KG (EXPRESSED AS SUM OF E- AND Z-ISOMERS OF CHLORFENVINPHOS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,14-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.008-1.0 MG/KG (AS THE SUM OF E AND Z ISOMERS). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Chlorfenvinphos

RTECS Number : TB8750000

CAS Number : 470-90-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	SALE STORE		RSTR RQR	A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Effective Date :</u> 01JAN1986 <u>Entry / Update :</u> FEB1986
GBR	REG	SALE		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Effective Date :</u> 01JAN1986 <u>Entry / Update :</u> FEB1986
GBR	REG	SALE		RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Effective Date :</u> 01JAN1986 <u>Entry / Update :</u> FEB1986
GBR	REG	USE	PESTI	PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> 1983
GBR	REG	CLASS SALE		CLASS RSTR	POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST <u>Title :</u> THE POISONS LIST ORDER 1982 <u>Reference :</u> GBRSI*,217,,1,1982 <u>Last Amendment :</u> <u>Effective Date :</u> 1APR1982 <u>Entry / Update :</u> JAN1983
GBR	REG	USE	PESTI	RQR	AN OVERALL, RUBBER GLOVES & FACE-SHIELD MUST BE WORN WHEN HANDLING OR COMING INTO CONTACT WITH THE CONCENTRATE. FULL PROTECTIVE CLOTHING, I.E. OVERALL, HOOD, RUBBER GLOVES AND A RESPIRATOR IS NEEDED WHEN APPLYING AEROSOLS OR ATOMISING FLUIDS IN GLASS OR MUSHROOM HOUSES <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> 1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- >20%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 20-5% (SOLID) OR 20-2% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC**,,6222,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991

Common Name : Chlorfenvinphos

RTECS Number : TB8750000

CAS Number : 470-90-6

Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REPOSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS : 0.1 - 0.2 MG/KG</p> <p><u>Title</u> : FOOD SANITATION LAW OF JAPAN</p> <p><u>Reference</u> : JPNFS*,,, <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.05-0.4 MG/KG.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
RUS	REC	FOOD EXPRT IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.05-0.4 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : MDUPE*,3081-84,,,1984 <u>Entry / Update</u> : OCT1985</p>
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETEDAND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference</u> : PFBEK*,,,1991 <u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.05-0.4 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>ANIMAL (SPECIFIED) : 0.005-0.2 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01MCH1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Chlorfenvinphos

RTECS Number : TB8750000

CAS Number : 470-90-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- >20%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 20-5% (SOLID) OR 20-2% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,162,1989 <u>Entry / Update :</u> MAY1986
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	ALL CONCENTRATE SOLUTIONS OR EMULSIFIABLE CONCENTRATIONS OF CHLORFENVINPHOS OF 21% AND GREATER ARE RESTRICTED FOR ALL USES, DOMESTIC AND NON-DOMESTIC. THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. <u>Title :</u> PESTICIDES CLASSIFIED FOR RESTRICTED USE <u>Reference :</u> FEREAC,43,,5790,1978 <u>Effective Date :</u> 1978 <u>Last Amendment :</u> CFRUS*,40,152,175,1990 <u>Entry / Update :</u> JAN1992
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME CHLORFENVINPHOSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESID USE IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 3 MG/M3 (1 PPM); 15 MIN - STEL: 9 MG/M3 (3 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 3 MG/M3 (1 PPM); 15 MIN - STEL: 9 MG/M3 (3 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA A BLEACH OR CLEANSER THAT CONTAINS CHLORINE OR IS A SOURCE OF AVAILABLE CHLORINE, PACKAGED AS A CONSUMER PRODUCT, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,24,4625,1988 <u>Effective Date</u> : 01NOV1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1017. CLASS (2.4): CORROSIVE GAS. SPECIAL PROVISIONS: 46, 56, 88, 99, 102, 118. PACKING GROUP: X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PROHIBITED. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 1 PPM, 3 MG/M3; STEL: 3 PPM, 9 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>

Common Name : Chlorine

RTECS Number : FO210000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AQ	DRINK	MAC	0.3 MG/L (MINIMUM CONCENTRATION OF ACTIVE CHLORINE SHOULD BE 0.05 MG/L) <u>Title</u> : WATER QUALITY. DRINKING WATER <u>Reference</u> : CSNOR*,757111,,,1989 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	SURF	CLASS	SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW DETECTION LIMIT II CLASS: BELOW DETECTION LIMIT III CLASS: BELOW DETECTION LIMIT IV CLASS: BELOW 0.05 MG/L V CLASS: ABOVE 0.05 MG/L (APPLIES TO ACTIVE FREE CHLORINE, CALCULATED AS CL) <u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY <u>Reference</u> : CSNOR*,757221,,,1989 <u>Effective Date</u> : 01JUL1990 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	SURF	CLASS	SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.005 MG/L II CLASS: BELOW 0.01 MG/L III CLASS: BELOW 0.02 MG/L IV CLASS: BELOW 0.03 MG/L V CLASS: ABOVE 0.03 MG/L (APPLIES TO ORGANIC BOUND CHLORINE, CALCULATED AS CL) <u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY <u>Reference</u> : CSNOR*,757221,,,1989 <u>Effective Date</u> : 01JUL1990 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AIR	OCC	MAC	TWA: 3.0 MG/M3; CLV: 6.0 MG/M3 <u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT <u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985 <u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE THIRD GROUP OF AIR POLLUTANTS (GASEOUS INORGANIC AIR POLLUTANT) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 0.5 ML/M3 (PPM); 1.5 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 1.0 ML/M3 (PPM); 3.0 MG/M3; CEILING VALUE; 8X/SHIFT. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF CHLORINE MUST NOT EXCEED 5 MG/M3 AT A MASS FLOW OF > = 50 G/H; VAPOROUS OR GASEOUS CHLORINE COMPOUNDS, EXCEPT CHLOROCYAN MUST NOT EXCEED 30 MG/M3 (CALCULATED AS HYDROGEN CHLORIDE) AT A MASS FLOW OF > = 300 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	AMBI	RSTR	<p>IN THE CONSIDERATION OF GRANTING PERMITS FOR THE INSTALLATION OF NEW INDUSTRIAL PLANTS THE FOLLOWING IMMISSION VALUES (IW) - SET TO PROTECT AGAINST HEALTH RISKS - SHOULD BE TAKEN INTO ACCOUNT FOR CHLORINE: IW1 = 0.10 MG/M3 AND IW2 = 0.30 MG/M3. DETAILED PROCEDURES FOR THE DETERMINATION OF IMMISSION VALUES ARE GIVEN.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AQ AQ	DRINK DRINK	PRMT MPC	<p>PERMITTED AS AN ADDITIVE IN DRINKING WATER PROCESSING. MAY ONLY BE USED FOR DISINFECTION. PERMITTED ADDITION: 1.2 MG/L (CALCULATED AS FREE CHLORINE) CORRESPONDING TO ABOUT 34 MMOLE/M3. MAXIMUM PERMISSIBLE CONCENTRATION AFTER PROCESSING: 0.3 MG/L (CALCULATED AS FREE CHLORINE) CORRESPONDING TO ABOUT 8.5 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.05 MG/L. MAXIMUM PERMISSIBLE CONCENTRATION OF TRIHALOGENATED METHANES (REACTION PRODUCTS): 0.01 MG/L (CALCULATED AS TRIHALOGENATED METHANES); PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.005 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,1,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ	FRESH	RQR	<p>QUALITY STANDARD FOR CHLORINE RESIDUES IN FISH WATERS: A) SALMON-CONTAINING < 0.005 MG HOCL/L; B) OTHERS (CARP-CONTAINING) < 0.005 MG HOCL/L (REFERENCE METHOD: DIETHYL-P-PHENYLENEDIAMINE). MEMBER STATES SHALL DESIGNATE ARTIFICIAL OR NATURAL FRESH WATERS AS NEEDING PROTECTION ORIMPROVEMENT IN ORDER TO SUPPORT FISH LIFE, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 18 JULY 1978 ON THE QUALITY OF FRESH WATERS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE. (78/659/EEC).</p> <p><u>Reference</u> : OJEC**,L222,,1,1978 <u>Effective Date</u> : 14AUG1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 10 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 75 TONNES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ AQ MONIT	- DRINK DRINK METHD	MAC GL RQR	MAC : -, GL : - (MEMBER STATES SHALL ENSURE THAT ANY SUBSTANCE USED IN PREPARATIONS OF WATER FOR HUMAN CONSUMPTION DO NOT CONSTITUTE A PUBLIC HEALTH HAZARD) (TITRIMETRY-ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN <u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC). <u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 25 TONNES AND ABOVE. <u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC). <u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992
EEC	REG	AQ AQ MONIT	- DRINK DRINK METHD	MAC GL RQR	MAC : -, GL : 25 MG CL/L (OF CHLORIDES) (TITRIMETRY - MOHR'S METHOD) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN <u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC). <u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AQ WASTE	EMI GRND	RQR PRO	MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOHALOGEN COMPOUNDS (AND SUBSTANCES WHICH MAY FORM SUCH SUBSTANCES IN THE AQUATIC ENVIRONMENT) INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE. <u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC) <u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AIR WASTE	EMI REMOV	MXL RQR	EMISSION LIMIT VALUES FOR THE SUBSTANCE EMITTED AS A RESULT OF THE COMBUSTION OF WASTE OILS: 100 MG/M3 (APPLIES TO INORGANIC GASEOUS COMPOUNDS OF CHLORINE EXPRESSED AS HYDROGEN CHLORIDE) (APPLIES TO PLANTS WITH A THERMAL INPUT OF 3MW OR MORE). THE LIMIT VALUES INDICATE THE MASS CONCENTRATION OF EMISSIONS OF THE SUBSTANCE IN WASTE GAS IN TERMS OF THE VOLUME OF WASTE GAS IN THE STANDARD STATE, AFTER DEDUCTION OF THE WATER VAPOUR MOISTURE CONTENT AND OF A 3% OXYGEN CONTENT BY VOLUME IN WASTE GAS. <u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 ON THE DISPOSAL OF WASTE OILS. (75/439/EEC). <u>Reference</u> : OJEC**,L194,,23,1975 <u>Effective Date</u> : 01JAN1990 <u>Last Amendment</u> : OJEC**,L42,,43,1987 <u>Entry / Update</u> : OCT1987
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	QUALITY STANDARD FOR CHLORIDES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER : -. GUIDELINE VALUES : 200 MG CL/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES. <u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC) <u>Reference</u> : OJEC**,L194,,26,1975 <u>Effective Date</u> : 25JUL1977 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOHALOGEN COMPOUNDS (AND SUBSTANCES WHICH MAY FORM SUCH SUBSTANCES IN THE AQUATIC ENVIRONMENT) INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AIR	- EMI	MXL	<p>IN THE CASE OF EXISTING INDUSTRIAL ESTABLISHMENTS USING THE CHLORIDE PROCESS, DISCHARGES OF CHLORINE INTO THE ATMOSPHERE SHALL BE REDUCED TO A DAILY AVERAGE CONCENTRATION OF NOT MORE THAN 5 MG/NM3 AND NOT MORE THAN 40 MG/NM3 AT ANY TIME.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON PROCEDURES FOR HARMONIZING THE PROGRAMMES FOR THE REDUCTION AND EVENTUAL ELIMINATION OF POLLUTION CAUSED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (89/428/EEC).</p> <p><u>Reference</u> : OJEC**,L201,,56,1989 <u>Effective Date</u> : 31DEC1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION (R 23). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: T - TOXIC; TOXIC BY INHALATION (R 23); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE (S 7/9); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	WASTE AIR MONIT	- AMBI METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO AIR MEMBER STATES MUST MANDATORILY REQUIRE THE MONITORING OF CHLORINE IN AIR EITHER CONTINUOUSLY OR AT LEAST 12X/YEAR</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**,L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	MARIN	RQR	<p>QUALITY STANDARDS FOR SHELLFISH WATERS ; THE CONC. OF ORGANOHALOGEN COMPOUNDS MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD IT AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD : GC) MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 30 OCTOBER 1979 ON THE QUALITY REQUIRED OF SHELLFISH WATERS. (79/923/EEC).</p> <p><u>Reference</u> : OJEC**,L281,,47,1979 <u>Effective Date</u> : 10NOV1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	LABEL	-	RQR	<p>THE PACKAGING OF PREPARATIONS CONTAINING MORE THAN 1 % OF ACTIVE CHLORINE MUST BEAR THE FOLLOWING PARTICULAR INSCRIPTIONS: "WARNING! DO NOT USE TOGETHER WITH OTHER PRODUCTS. MAY RELEASE DANGEROUS GASES (CHLORINE)".</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 7 JUNE 1988 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (88/379/EEC).</p> <p><u>Reference</u> : OJEC**L187,,14,1988 <u>Effective Date</u> : 01JUN1991</p> <p><u>Last Amendment</u> : OJEC**L64,,18,1989 <u>Entry / Update</u> : APR1992</p>
EEC	REG	WASTE SOIL MONIT	- - METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED (STORED OR DUMPED) ONTO LAND OR INJECTED INTO SOIL, MEMBER STATES MUST IF THE CHLORINE PROCESS IS USED, MANDATORILY REQUIRE THE MONITORING OF CL IN UNFILTERED SURFACE AND GROUND-WATER AT LEAST 1X/YEAR. (REFERENCE METHOD: TITRIMETRY (MOHR METHOD))</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF THE SUBSTANCE OR ITS COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p><u>Reference</u> : OJEC**L188,,20,1984 <u>Effective Date</u> : 30JUN1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
F/W	REC	FOOD	-	ADI	<p>ACCEPTABLE LEVEL FOR TREATMENT OF FLOURS FOR CAKE MANUFACTURING: 2.5 G CL2/KG FLOUR.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : WHFAAC,20,,281,1985 <u>Entry / Update</u> : APR1991</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 10 TONNES, MANUFACTURERS MUST DEMONSTRATE TO THE HEALTH AND SAFETY EXECUTIVE THAT ANY MAJOR ACCIDENT HAZARDS HAVE BEEN IDENTIFIED AND THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PREVENT OR LIMIT THE CONSEQUENCES OF A MAJOR ACCIDENT INVOLVING THIS DANGEROUS SUBSTANCE. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. FOR THE ISOLATED STORAGE OF QUANTITIES EQUAL TO OR GREATER THAN 75 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	SOIL MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. IN GRANTING THE AUTHORIZATION THE ENFORCING AUTHORITY MUST SEEK TO ENSURE THAT THE BEST AVAILABLE TECHNIQUES NOT ENTAILING EXCESSIVE COST ARE EMPLOYED TO PREVENT OR MINIMIZE THE RELEASE INTO LAND OF HALOGENS AND THEIR COVALENT COMPOUNDS WHICH ARE PRESCRIBED SUBSTANCES. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO THE CONTROL OF POLLUTION SUCH AS 84/360/EEC.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1-23,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Chlorine

RETECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF HALOGENS AND THEIR COMPOUNDS, WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	WASTE	REMOV	RQR	<p>THE DESTRUCTION BY BURNING IN AN INCINERATOR, OTHER THAN INCIDENTALLY IN THE COURSE OF BURNING OTHER WASTE, OF ANY WASTE CHEMICAL BEING OR COMPRISING CHLORINE IN ELEMENTAL OR COMPOUND FORM IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,3,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OF FLUORINE, CHLORINE, BROMINE OR IODINE OR OF ANY COMPOUND COMPRISING ONLY TWO OR MORE OF THESE HALOGENS OR ANY ONE OR MORE OF THESE HALOGENS AND OXYGEN (OTHER THAN THE USE AS A PESTICIDE AS DEFINED IN SCHEDULE 6 OF THE REGULATIONS) IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1.5 MG/M3 (0.5 PPM). STEL (10 MIN-TWA): 3 MG/M3 (1 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 50 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: TOXIC GAS. EMERGENCY ACTION CODE: 2XE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 10 OR MORE TONS OF CHLORINE ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY.</p> <p><u>Title</u> : HEALTH AND SAFETY. THE NOTIFICATION OF INSTALLATIONS HANDLING HAZARDOUS SUBSTANCES REGULATIONS 1982</p> <p><u>Reference</u> : GBRSI*,1357,,,1982 <u>Effective Date</u> : 1JAN1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). UN NO. 1017</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. SUBSTANCE THRESHOLD LIMITS: (1) FOR APPLICATION OF DUTIES UNDER ITEMS (A) TO (H): 10 T; (2) FOR APPLICATION OF DUTIES UNDER ITEM (J): 25T. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 10 T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 25T.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 2.9 MG/M3 (1 PPM)</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AIR	EMI	MXL	<p>STANDARD VALUE: 30 MG/N M3</p> <p><u>Title</u> : NATIONAL EMISSION STANDARDS</p> <p><u>Reference</u> : QEJPN*,,,343-348,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AQ	DRINK	MIL	<p>THERE SHOULD NOT BE LESS THAN 0.1 PPM (0.1 MG/KG) OF FREE RESIDUAL CHLORINE IN DRINKING WATER SUPPLIED BY THE WATER WORKS.</p> <p><u>Title</u> : THE WATER WORKS LAW</p> <p><u>Reference</u> : JPNWW*,,,1957 <u>Effective Date</u> : 16JUL1958</p> <p><u>Last Amendment</u> : JPNWW*,,,1979 <u>Entry / Update</u> : DEC1991</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS BLEACHING, MATURING AND DOUGH CONDITIONING AGENT. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,332,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 3 MG/M3 (1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 9 MG/M3 (3 PPM) FOR 15 MINUTES FOR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX* ,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX* ,,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 1.0 MG/M3 (VAPOUR) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.1 MG/M3 1X/D, 0.03 MG/M3 AV/D.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.0 MG/L (APPLIES TO FREE CHLORINE) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.0 MG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV* ,,,,1978 <u>Entry / Update</u> : SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 1.5 MG/M3 (0.5 PPM). CLV: 3 MG/M3 (1 PPM) (15 MIN -TWA).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. UN NO. 1017</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG* ,,,,15,1989 <u>Entry / Update</u> : AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 PPM, 1.5 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 1 PPM, 3.0 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH* ,,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH* ,,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>30 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,62,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,62,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	EMI	RQR	10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE STOWED IN A WELL-VENTILATED SPACE AND AWAY FROM ORGANIC MATERIALS. ALL SHIPMENTS MUST BE LABELED NONFLAMMABLE GAS AND POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991 <u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME CHLORINETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985 <u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO COMPREHENSIVE ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title</u> : COMPREHENSIVE ASSESSMENT INFORMATION RULES <u>Reference</u> : FEREAC,53,,51721,1988 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : CFRUS*,40,704,225,1990 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	DRINK	CLASS	AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A). <u>Title</u> : SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS <u>Reference</u> : FEREAC,53,,1892,1988 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,56,,1473,1991 <u>Entry / Update</u> : OCT1991

Common Name : Chlorine

RTECS Number : FO2100000

CAS Number : 7782-50-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=100 RQ=10 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN, IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>
WHO	REC	AQ	DRINK	GL	<p>5 MG/L; CONCENTRATIONS OF THE SUBSTANCE AT OR BELOW THE HEALTH-BASED GUIDELINE VALUE MAY AFFECT THE APPEARANCE, TASTE, OR ODOUR OF THE WATER. FOR EFFECTIVE DISINFECTION FREE CHLORINE RESIDUAL >=0.5 MG/L AFTER AT LEAST 30 MINUTES CONTACT TIME AT PH <8.0. THIS SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : **Chlormequat**RTECS Number : **BP5250000**CAS Number : **999-81-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-5MG/KG; MILK AND MILK PRODUCTS: 0.1MG/KG; SECURITY INTERVAL: 60-80 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,8,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS PLANT GROWTH REGULATOR. (FORMULATION: SOLUTION). CODE CCC. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title</u> : <u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 1.0 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title</u> : <u>Reference</u> : CAGAAK,124,11,,1990 <u>Effective Date</u> : 24SEP1981 <u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference</u> : SPPOR*,,,290,1990 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991
CSK	REG	FOOD	-	MRL	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.3MG/KG. <u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference</u> : HPMZC*,43,,1978 <u>Effective Date</u> : 1JUL1986 <u>Last Amendment</u> : HPMZC*,61,,1986 <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992

Common Name : **Chlormequat**RTECS Number : **BP5250000**CAS Number : **999-81-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.05MG/KG; PLANT (SPECIFIED): 1-3MG/KG (EXPRESSED AS CHLORMEQUAT ION) (COUNCIL DIRECTIVE 76/895/EEC - OJEC L340,26,1976 AS LAST AMENDED BY THE REFERENCE GIVEN.) <u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 1JUL1984 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : APR1986
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.05 MG/KG BW; MRL: BARLEY STRAW, OAT STRAW, RYE STRAW, WHEAT STRAW: 50 MG/KG; OATS: 10 MG/KG; RYE, WHEAT: 5 MG/KG; PEARS: 3 MG/KG; GRAPES, RAISINS AND OTHER DRIED VINE FRUITS: 1 MG/KG; MILK, MILK PRODUCTS: 0.1 MG/KG (EXPRESSED AS CHLORMEQUAT CATION) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,15-IV,1986 <u>Entry / Update</u> : APR1991
GBR	REG	USE	PESTI	PRMT	APPROVED AS A GROWTH REGULATOR. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. <u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : 1983
GBR	REG	USE	PESTI	PRMT	APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED. <u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : 1983
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference</u> : GAZIN*,787,,1989 <u>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992

Common Name : **Chlormequat**RTECS Number : **BP5250000**CAS Number : **999-81-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REC	FOOD EXPR IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES : 0.5 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPE*,3081-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE PROHIBITED FOR USE ON SEED PLANTS OF FODDER GRASSES AND POTATOES. REASONS FOR THE CONTROL ACTION: ACUTE SPECIES SPECIFIC SENSITIVITY, IMPAIRS REPRODUCTIVE FUNCTION, GONADOTOXIC. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,123-9/471-23,,28APR,1986 <u>Effective Date :</u> AUG1988 <u>Entry / Update :</u>
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.3 MG/M3 (AEROSOL) HAZARD CLASS: 1 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PLANT GROWTH REGULATOR. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AQ	SURF	MAC CLASS	0.2 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	FOOD	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS : 0.05-0.1 MG/KG ; ADI = 0.001 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
SWE	REG	USE	PESTI	PRO	RESTRICTED USE DUE TO AGRO-POLITICAL DECISION TO REDUCE SURPLUS AND NITROGEN LEAKAGE DUE TO EXCESSIVE USE OF FERTILIZERS. <u>Title :</u> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN <u>Reference :</u> KEMIB*,,,,1991 <u>Last Amendment :</u> <u>Effective Date :</u> ** 1987 <u>Entry / Update :</u> JAN1992
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 1.0-3.0MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992

Common Name : **Chlormequat**RTECS Number : **BP5250000**CAS Number : **999-81-5**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=100/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME ALIPHATIC ALKYL QUATERNARIES.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C.</p> <p><u>Reference</u> : FEREAC,54,140,30846,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Chlorobenzene

RTECS Number : CZ0175000

CAS Number : 108-90-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 350 MG/M3 (75 PPM) <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	AIR	OCC	AL	275 MG/M3 (59 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM) <u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE) <u>Reference :</u> SMTBR*,3,,,1980 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982
CAN	REC	AQ	DRINK	GL MAC	PROPOSED LEVELS SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989 (FOURTH EDITION). MAC: 0.08 MG/L. AESTHETIC OBJECTIVE (AO) = < 0.03 MG/L. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	AIR	OCC	TLV	TWA: 75 PPM, 350 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1134. CLASS (3.3): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 89, 109. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 220 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991

Common Name : Chlorobenzene

RETECS Number : CZ0175000

CAS Number : 108-90-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 200.0 MG/M3; CLV: 800 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.003 MG/L</p> <p><u>Title</u> : WATER QUALITY. DRINKING WATER</p> <p><u>Reference</u> : CSNOR*,757111,,,1989 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 50 ML/M3 (PPM); 230 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 100 ML/M3 (PPM); 460 MG/M3; AVERAGE VALUE; 4X/SHIFT. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO. VAPOUR PRESSURE: 1.2 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	BAT	<p>URINE: 70 MG/G CREATININE, AS TOTAL 4-CHLOROCATECHOL. SAMPLING TIME: AT THE BEGINNING OF THE NEXT SHIFT. URINE: 300 MG/G CREATININE, AS TOTAL 4-CHLOROCATECHOL. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REG	USE	PESTI	RSTR	<p>PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>

Common Name : Chlorobenzene

RTECS Number : CZ0175000

CAS Number : 108-90-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: FLAMMABLE (R 10); HARMFUL BY INHALATION (R 20); AVOID CONTACT WITH SKIN AND EYES (S 24/25). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: XN - HARMFUL; HARMFUL BY INHALATION (R 20).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2Y</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 350 MG/M3 (75 PPM). (TO BE REVIEWED)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO.1134.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991</p>

Common Name : Chlorobenzene

RTECS Number : CZ0175000

CAS Number : 108-90-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 350 MG/M3 (75 PPM)</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 350 MG/M3 (75 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.02 MG/L HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.1 MG/M3 1X/D; 0.1 MG/M3 AV/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> AUG1984</p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 100.0 MG/M3; TWA: 50.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	USE	OCC	MAC	<p>MAXIMUM ALLOWABLE LEVEL OF SKIN CONTAMINATION OF HAND COMING IN CONTACT WITH SUBSTANCE: 0.8 MG/CM3</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> MAY1988</p> <p><u>Last Amendment :</u> PDUZK*,4618-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1134.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982</p>

Common Name : Chlorobenzene

RTECS Number : CZ0175000

CAS Number : 108-90-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REC	SAFTY USE	OCC OCC	MXL MXL	2400 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,64,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,64,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 PPM, 46 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	AQ	DRINK	MPC	0.1 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title :</u> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference :</u> FEREAC,40,,59570,1975 <u>Effective Date :</u> 1975 <u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	100 MG/L. THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEA CH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS. <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY. <u>Reference :</u> FEREAC,55,,11862,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,261,24,1990 <u>Entry / Update :</u> JAN1992
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991

Common Name : Chlorobenzene

RTECS Number : CZ0175000

CAS Number : 108-90-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG))!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>

Common Name : Chlorobenzene

RTECS Number : CZ0175000

CAS Number : 108-90-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
WHO	REC	AQ	DRINK	GL	300 UG/L; CONCENTRATIONS OF THE SUBSTANCE AT OR BELOW THE HEALTH-BASED GUIDELINE VALUE MAY AFFECT THE APPEARANCE, TASTE, OR ODOUR OF THE WATER. THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING-WATER. <u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> : <u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992

Common Name : Chlorobenzilate

RTECS Number : DD2275000

CAS Number : 510-15-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	CITRUS FRUITS: 5 MG/KG APPLES AND PEARS: 2 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-1 MG/KG; SECURITY INTERVAL: 5-30 DAYS; ALPALFA: 5 MG/KG (SECURITY INTERVAL: 14 DAYS);PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 5 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOODAND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 25NOV1976 <u>Entry / Update :</u> MAY1991
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.2-1.0 MG/KG. <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,,1978 <u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Effective Date :</u> 1JUL1986 <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	BEEF, BEEF PRODUCTS, BEEF FAT, SHEEP, SHEEP PRODUCTS, SHEEP FAT: 0.5 MG/KG. MILK, MILK PRODUCTS: 0.05 MG/KG. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Effective Date :</u> 22MCH1990 <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Effective Date :</u> 22MCH1990 <u>Entry / Update :</u> DEC1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 2 MG/KG; NUTS: 0.2 MG/KG. <u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference :</u> OJEC**,L340,,34,1976 <u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Effective Date :</u> 01JUL1984 <u>Entry / Update :</u> DEC1982
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.02 MG/KG BW; MRL: APPLES: 5 MG/KG; GRAPES, PEARS: 2 MG/KG; CANTALOUPE, CITRUS FRUIT, MELONS: 1 MG/KG; ALMONDS (SHELL-FREE BASIS), TOMATOES, WALNUTS (SHELL-FREE BASIS): 0.2 MG/KG; MILK: 0.05 MG/KG (EXPRESSED AS CHLOROBENZILATE) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIII,,16-IV,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991

Common Name : Chlorobenzilate

RTECS Number : DD2275000

CAS Number : 510-15-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS : 2.0 MG/KG</p> <p><u>Title</u> : FOOD SANITATION LAW OF JAPAN</p> <p><u>Reference</u> : JPNFS* ,,,, <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.2-5.0 MG/KG.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 1.0-2.0 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992</p>
SWE	REG	USE	PESTI	PRO	<p>WITHDRAWN FROM THE MARKET BECAUSE OF ITS CARCINOGENIC EFFECT ON EXPERIMENTAL ANIMALS.</p> <p><u>Title</u> : DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3. STATES THAT *ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT...*</p> <p><u>Reference</u> : NPPBD* ,,,,1979 <u>Effective Date</u> : ** 1979</p> <p><u>Last Amendment</u> : SVENF*,1985:426,,4,1985 <u>Entry / Update</u> : FEB1992</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD. CHLOROBENZILATE, 1983. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Chlorobenzilate

RTECS Number : DD2275000

CAS Number : 510-15-6

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991

Common Name : Chlorodifluoromethane

RTECS Number : PA6390000

CAS Number : 75-45-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 3500 MG/M3 (1000 PPM); 15 MIN - STEL: 4375 MG/M3 (1250 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). POTENTIAL CARCINOGEN. (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.35 MG/L (APPLIES TO TRIHALOMETHANES). UNDER REVIEW. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 1,000 PPM, 3,500 MG/M3; STEL: 1,250 PPM, 4,375 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1018. CLASS (2.2): NON-FLAMMABLE GAS. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 75 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 150 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>

Common Name : Chlorodifluoromethane

RTECS Number : PA6390000

CAS Number : 75-45-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 500 ML/M3 (PPM); 1800 MG/M3 (20C, 101.3 KPA). SUBSTANCE ELICITING VERY WEAK EFFECTS. 60 MIN- STEL: 1000 ML/M3 (PPM); 3600 MG/M3; CEILING VALUE; 3X/SHIFT. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO. APPLIES ONLY TO THE PURE SUBSTANCE AND NOT FOR SAMPLES CONTAMINATED WITH CHLOROFLUOROMETHANE (CAS RN 593-70-4).</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SALE USE LABEL WASTE	- - - REMOV	PRO PRO RQR RSTR	<p>THE SUBSTANCE IS PROHIBITED: IN PRESSURE GAS PACKAGES (EFFECTIVE DATE 01 AUGUST 1991, EXCEPTIONS FOR PHARMACEUTICALS); AS FREEZING AGENT IN CLOSED CYCLES (EFF. DATE 01 JANUARY 2000); AS FOAMING AGENT FOR PACKAGING MATERIAL AND DISHES (EFF. DATE 01 AUGUST 1991); AS ASSEMBLY FOAM IN GAS-PRESSURE PACKAGES (EFF. DATE 01 JANUARY 1993); AS INSULATION MATERIAL (EFF. DATE 01 JANUARY 2000); AS FOAMING AGENT FOR FURTHER USES (EFF. DATE 01 JANUARY 2000); AS CLEANING AGENT AND SOLVENT (EFF. DATE 01 JANUARY 1992, EXCEPTIONS FOR CERTAIN PLANTS). PRODUCTS HAVE TO BE LABELLED: "CONTAINS AN OZONE-DEGRADING FLUOROCHLOROXYDROCARBON" (EFF. DATE 01 AUGUST 1991). THE DISTRIBUTOR IS OBLIGED TO REACCEPT USED SUBSTANCES (EFF. DATE 01 NOVEMBER 1991).</p> <p><u>Title</u> : ORDINANCE ON THE PROHIBITION OF FLUOROCHLOROXYDROCARBONS (FCKW-HALON-VERBOTS-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1090,1991 <u>Effective Date</u> : 01AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 3500 MG/M3 (1000 PPM).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED) (APPLIES TO CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROMETHANE MIXTURE WITH FIXED BOILING POINT WITH APPROX. 49% CHLORODIFLUOROMETHANE UN NO.1973</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). UN NO. 1018</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 3500 MG/M3 (1000 PPM). TENTATIVE VALUE.</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 3500 MG/M3 (1000 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 4375 MG/M3 (1250 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVAL OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 3000.0 MG/M3 (VAPOUR) HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Effective Date</u> : 01JAN1989</p> <p><u>Entry / Update</u> : MAY1990</p>

Common Name : Chlorodifluoromethane

RTECS Number : PA6390000

CAS Number : 75-45-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	MAC	100.0 MG/M3 1X/D, 10.0 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	MAC CLASS	10.0 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 1800 MG/M3 (500 PPM); 15 MIN - STEL: 2500 MG/M3 (750 PPM). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED) (APPLIES TO CHLORIDIFLUOROMETHANE AND CHLOROPENTAFLUOROMETHANE MIXTURE WITH FIXED BOILING POINT WITH APPROX. 49% CHLORODIFLUOROMETHANE) UN NO.1973 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> NOV1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). UN NO. 1018 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1000 PPM, 3540 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 1250 PPM, 4430 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	MANUF USE SAFTY	REQ OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Effective Date :</u> 1982 <u>Entry / Update :</u> OCT1991
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 150 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DE CK. ALL SHIPMENTS MUST BE LABELED NONFLAMMABLE GAS.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172-HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991

Common Name : Chlorodifluoromethane**RTECS Number :** PA6390000**CAS Number :** 75-45-6**Area** **Type** **Subject** **Spec.** **Description** **Level / Summary Information :**

USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991
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Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 50 MG/M3 (10 PPM). POTENTIAL CARCINOGEN.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>94 MG/M3 (20 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)</p> <p><u>Title</u> : SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference</u> : SMTBR*,3,,141,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.006 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE. A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CCMEEC,,,,1989 <u>Effective Date</u> : AUG1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.35 MG/L (APPLIES TO TRIHALOMETHANES). UNDER REVIEW. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA POLISHES, CLEANING AGENTS, LIQUID COATING MATERIAL OR PAINT AND VARNISH REMOVERS CONTAINING CHLOROFORM, WHERE SUCH PRODUCTS OR SUBSTANCES ARE PACKAGED AS CONSUMER PRODUCTS, UNLESS DETAILED REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,24,4625,1988 <u>Effective Date</u> : 01NOV1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>

Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1888. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 10 PPM. 50 MG/M3. SUSPECTED HUMAN CARCINOGEN; WORKER EXPOSURE BY ALL ROUTES SHALL BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 10.0 MG/M3; CLV: 20.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.03 MG/L</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 ML/M3 (PPM); 50 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 20 ML/M3 (PPM); 100 MG/M3; AVERAGE VALUE; 4X/SHIFT. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. PREGNANCY GROUP B: ACCORDING TO CURRENTLY AVAILABLE INFORMATION, A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS MUST BE CONSIDERED TO BE PROBABLE. DAMAGE TO THE DEVELOPING ORGANISM CANNOT BE EXCLUDED WHEN PREGNANT WOMEN ARE EXPOSED EVEN WHEN MAK AND BAT VALUES ARE ADHERED TO. VAPOUR PRESSURE: 21.0 KPA AT 20C.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGFDF,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	WASTE WASTE LABEL	REMOV REMOV	RSTR RQR RQR	<p>HALOGENATED SOLVENTS THAT HAD BEEN USED IN SURFACE TREATMENT PLANTS, DRY CLEANING ESTABLISHMENTS, TEXTILE FINISHING PLANTS, AND EXTRACTION PLANTS HAVE TO BE KEPT SEPARATE ACCORDING TO THE MAIN INGREDIENT. IT IS PROHIBITED TO MIX SOLVENTS OF DIFFERENT EDUCTS OR TO MIX THEM WITH OTHER SUBSTANCES OR WASTE. USED SOLVENTS HAVE TO BE RE-ACCEPTED BY THE VENDOR. SOLVENTS HAVE TO BE LABELLED: "THIS SOLVENT HAS TO BE RECYCLED OR PROPERLY DISPOSED AFTER USE] IMPROPER DISPOSAL IS HAZARDOUS TO THE ENVIRONMENT] AFTER USE EVERY MIXING WITH OTHER SUBSTANCES OR SOLVENTS IS PROHIBITED."</p> <p><u>Title</u> : ORDINANCE ON THE DISPOSAL OF USED HALOGENATED SOLVENTS (VERORDNUNG UEBER DIE ENTSORGUNG GEBRAUCHTER HALOGENIERTER LOESEMITTEL)</p> <p><u>Reference</u> : BGZBAD,,1,1918,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	FOOD	-	MPC	<p>ALL FOOD PRODUCTS: 0.1 MG/KG. APPLIES TO TRICHLOROMETHANE. ALL FOOD PRODUCTS: 0.2 MG/KG. APPLIES TO THE SUM OF TETRACHLOROETHENE, TRICHLOROETHENE, AND TRICHLOROMETHANE.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF SOLVENTS (LOESUNGSMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1568,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,1,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>TRIALOGENATED METHANES (CHLOROFORM, MONOBROMODICHLOROMETHANE, DIBROMOMONOCHLOROMETHANE, BROMOFORM) AS REACTION PRODUCTS OF DISINFECTION WITH CHLORINE OR OZONE: ALTOGETHER 0.01 MG/L (CALCULATED AS TRIHALOGENATED METHANES); PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.005 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,1,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	<p>LIMIT VALUES (MONTHLY AVERAGES) FOR EMISSION STANDARDS IN THE AQUEOUS EFFLUENT FROM INDUSTRIAL PLANTS (DAILY AVERAGE LIMIT VALUES ARE EQUAL TO TWICE THE MONTHLY AVERAGE VALUES): 1. PRODUCTION OF CHLOROMETHANES FROM METHANOL OR FROM A COMBINATION OF METHANOL AND METHANE: 10 G CHCL₃/TONNE OF TOTAL PRODUCTION CAPACITY OF CHLOROMETHANES AND 1 MG/L 2. PRODUCTION OF CHLOROMETHANES BY CHLORINATION OF METHANE: 7.5 G CHCL₃/TONNE OF TOTAL PRODUCTION CAPACITY OF CHLOROMETHANES AND 1 MG/L. 3. PRODUCTION OF CHLOROFLUOROCARBON (CFC); NO VALUES ADOPTED YET. QUALITY OBJECTIVES FOR THE AQUATIC ENVIRONMENT: 12 UG/L. REFERENCE METHOD OF MEASUREMENT: GAS CHLROMATOGRAPHY .</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF CERTAIN DANGEROUS SUBSTANCES INCLUDED IN LIST I OF THE ANNEX TO DIRECTIVE 76/464/EEC. (86/280/EEC).</p> <p><u>Reference</u> : OJEC**,L181,,16,1986 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992</p>
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO CHLORINATED HYDROCARBONS (CHLOROFORM, P-DICHLOROBENZENE, CARBON TETRACHLORIDE) MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICAL SURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE; 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE. A REFERENCE METHOD FOR THE MEASURING PROCEDURES IS GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 NOVEMBER 1980 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK. (80/1107/EEC).</p> <p><u>Reference</u> : OJEC**,L327,,8,1980 <u>Effective Date</u> : 21DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L356,,74,1988 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); DANGER OF SERIOUS DAMAGE OF HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION AND IF SWALLOWED (R 48/20/22). XI - IRRITANT; IRRITATING TO SKIN (R 38). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO SKIN (R 38); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DANGER OF SERIOUS DAMAGE OF HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION AND IF SWALLOWED (R 48/20/22); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO SKIN (R 38); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DANGER OF SERIOUS DAMAGE OF HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION AND IF SWALLOWED (R 48/20/22). FROM 5% TO 20%: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DANGER OF SERIOUS DAMAGE OF HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION AND IF SWALLOWED (R 48/20/22). FROM 1% TO 5%: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>100UG/L MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OF TRIHALMOETHANES (AS THE AGGREGATE OF THE CONCENTRATIONS OF TRICHLOROMETHANE, DICHLOROBROMOMETHANE, DIBROMOCHLOROMETHANE AND TRIBROMOMETHANE) OVER THE PRECEDING 3 MONTHS IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ WASTE	EMI INDST	RQR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO PUBLIC SEWERS OF EFFLUENTS, PRODUCED IN THE COURSE OF ANY PROCESS FOR THE PRODUCTION OF CHLORINATED ORGANIC CHEMICALS. SEWERAGE UNDERTAKERS MUST NOTIFY THE COMPETENT AUTHORITY WHERE DISCHARGE EFFLUENTS DERIVING FROM THIS PROCESS, MIGHT CONTAIN CHLOROFORM IN A CONCENTRATION GREATER THAN THE BACKGROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC).</p> <p><u>Title</u> : THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1156,,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1629,,,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.			
					<u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1			
					<u>Reference</u> : GBRSI*,551,,15,1987		<u>Effective Date</u> :	06APR1987
					<u>Last Amendment</u> : GBRSI*,2604,,2,1990		<u>Entry / Update</u> :	1992
GBR	REG	AQ	SURF	CLASS	AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 12UG/L AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 1 SUBSTANCES ARE NOT EXCEEDED. THIS SYSTEM OF CLASSIFICATION IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATER (CLASSIFICATION) REGULATIONS 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/347/EEC.			
					<u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.			
					<u>Reference</u> : GBRSI*,2286,,2,1989		<u>Effective Date</u> :	01JAN1990
					<u>Last Amendment</u> :		<u>Entry / Update</u> :	1992
GBR	REG	AQ	MARIN	CLASS	A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 12UG/L FOR CHLOROFORM, AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 2 SUBSTANCES ARE NOT EXCEEDED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/347/EEC.			
					<u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.			
					<u>Reference</u> : GBRSI*,2286,,2,1989		<u>Effective Date</u> :	01JAN1990
					<u>Last Amendment</u> :		<u>Entry / Update</u> :	1992
GBR	REG	AIR	OCC	OES	8H-TWA: 9.8 MG/M3 (2 PPM).			
					<u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS			
					<u>Reference</u> : GBRSI*,1657,,10,1988		<u>Effective Date</u> :	01JAN1992
					<u>Last Amendment</u> : GNHSE*,EH40,,11,1992		<u>Entry / Update</u> :	1992
GBR	REG	AQ MONIT	DRINK	MPC RQR	MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OF 100UG/L OF TRIHALOMETHANES (BEING THE AGGREGATE OF THE CONCENTRATION OF TRICHLOROMETHANE, DICHLOROBROMOMETHANE, DIBROMOCHLOROMETHANE AND TRIBROMOMETHANE) OVER THE PRECEDING 3 MONTHS IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).			
					<u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989			
					<u>Reference</u> : GBRSI*,1147,,1989		<u>Effective Date</u> :	01SEP1989
					<u>Last Amendment</u> : GBRSI*,1837,,1991		<u>Entry / Update</u> :	1992
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2Z			
					<u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978			
					<u>Reference</u> : GBRSI*,1702,,1978		<u>Effective Date</u> :	28MCH1979
					<u>Last Amendment</u> :		<u>Entry / Update</u> :	JAN1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1888.			
					<u>Title</u> :			
					<u>Reference</u> :		<u>Effective Date</u> :	
					<u>Last Amendment</u> : IMCOC*,10004,1990		<u>Entry / Update</u> :	JAN1991

Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 49 MG/M3 (10 PPM), TENTATIVE VALUE.</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	CLASS MANUF IMPRT	-	CLASS RSTR RSTR	<p>A DESIGNATED CHEMICAL SUBSTANCE (=A SUBSTANCE WHICH, EITHER IN ITSELF OR ONE OF ITS DEGRADATION PRODUCTS, IS NOT EASILY DEGRADABLE AND WHICH MAY BE HARMFUL TO HUMAN HEALTH WHEN INGESTED CONTINUOUSLY AND WHICH IS SPECIFIED BY THE MINISTRY OF HEALTH AND WELFARE AND BY THE MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY). A PERSON WHO MANUFACTURES OR IMPORTS THIS SUBSTANCE SHALL FOR EVERY FISCAL YEAR SUBMIT A REPORT ON MANUFACTURED OR IMPORTED QUANTITIES.</p> <p><u>Title</u> : THE LAW CONCERNING THE EXAMINATION AND REGULATION OF MANUFACTURE ETC. OF CHEMICAL SUBSTANCES.</p> <p><u>Reference</u> : JPNCO*,,,1974 <u>Effective Date</u> : 02JUL1987</p> <p><u>Last Amendment</u> : JPNCO*,,,1991 <u>Entry / Update</u> : NOV1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 50 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 225 MG/M3 (50 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.06 MG/L HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.03 MG/M3 AV/D.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 10 MG/M3 (2 PPM); 15 MIN - STEL: 25 MG/M3 (5 PPM). CARCINOGENIC.</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS**,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1888. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 PPM, 49 MG/M3 A2. A2= SUSPECTED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=10,000 RQ=10 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference :</u> FEREAC,42,,14534,1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> OCT1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>6.0 MG/L. THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p>Title : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p>Reference : FEREAC,55,,11862,1990 Effective Date : 1990</p> <p>Last Amendment : CFRUS*,40,261,24,1990 Entry / Update : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p>Title : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p>Reference : FEREAC,45,,78541,1980 Effective Date : 1980</p> <p>Last Amendment : CFRUS*,40,261,33,1990 Entry / Update : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p>Title : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p>Reference : FEREAC,45,,78541,1980 Effective Date : 1980</p> <p>Last Amendment : CFRUS*,40,261,33,1990 Entry / Update : JAN1992</p>
USA	REG	AQ	DRINK	MPC	<p>0.1 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61. COMPLIANCE IS CALCULATED PURSUANT TO 40 CFR 141.30. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p>Title : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p>Reference : FEREAC,40,,59570,1975 Effective Date : 1975</p> <p>Last Amendment : CFRUS*,40,141,,1991 Entry / Update : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p>Title : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p>Reference : FEREAC,52,,25947,1987 Effective Date : 1987</p> <p>Last Amendment : CFRUS*,40,264,,1990 Entry / Update : SEP1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM LIVING QUARTERS AND FOODSTUFFS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p>Title : HAZARDOUS MATERIALS REGULATIONS, PART 172-HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p>Reference : CFRUS*,49,172,101,1984 Effective Date : OCT1991</p> <p>Last Amendment : CFRUS*,49,172,101,1990 Entry / Update : NOV1991</p>

Common Name : Chloroform

RTECS Number : FS9100000

CAS Number : 67-66-3

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ	EMI INDST	RQR RQR	BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT. <u>Title :</u> 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS <u>Reference :</u> FEREAC,44,,44502,1979 <u>Effective Date :</u> 1979 <u>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FEREAC,50,,46290,1985 <u>Effective Date :</u> 1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ	DRINK	CLASS	AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A). <u>Title :</u> SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS <u>Reference :</u> FEREAC,53,,1892,1988 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,56,,1473,1991 <u>Entry / Update :</u> OCT1991
WHO	REC	AQ	DRINK	GL	100 UG/L FOR BROMOFORM; 100 UG/L FOR DIBROMOCHLOROMETHANE; 60 UG/L FOR BROMODICHLOROMETHANE (FOR 1/100 000 EXCESS CANCER RISK); 200 UG/L FOR CHLOROFORM (FOR A 1/100 000 EXCESS CANCER RISK). THE SUM OF THE RATIO OF THE CONCENTRATION OF EACH OF THESE TRIHALOMETHANES TO THEIR RESPECTIVE GUIDELINE VALUE SHOULD NOT EXCEED 1. THESE SUBSTANCES ARE CHEMICALS OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference :</u> WHODW*,,,1983 <u>Effective Date :</u> <u>Last Amendment :</u> WHODW*,,,1992 <u>Entry / Update :</u> OCT1992

Common Name : 1-Chloronaphthalene

RTECS Number : QJ2100000

CAS Number : 90-13-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (VAPOUR) (APPLIES TO ALL CHLORINATED NAPHTHALENES); HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.01 MG/L HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>TOXIC SUBSTANCE SUBJECT TO INFORMATION RULES ON PRODUCTION QUANTITIES, USE EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR EACH LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : TOXIC SUBSTANCES CONTROL ACT, SECTION 8(A)</p> <p><u>Reference</u> : FEREAC,47,,26992,1982 <u>Effective Date</u> : 22JUN1982</p> <p><u>Last Amendment</u> : XCODE*,15,,2607A,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : 2-Chloronaphthalene

RTECS Number : QJ2275000

CAS Number : 91-58-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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RUS	REG	AQ	SURF	MAC CLASS	0.01 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (VAPOUR) (APPLIES TO ALL CHLORINATED NAPHTHALENES); HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	TOXIC SUBSTANCE SUBJECT TO INFORMATION RULES ON PRODUCTION QUANTITIES, USE EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR EACH LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> TOXIC SUBSTANCES CONTROL ACT, SECTION 8(A) <u>Reference :</u> FEREAC,47,,26992,1982 <u>Last Amendment :</u> XCODE*,15,,2607A,1991 <u>Effective Date :</u> 22JUN1982 <u>Entry / Update :</u> OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992

Common Name : 2-Chloronaphthalene

RTECS Number : QJ2275000

CAS Number : 91-58-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTTUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Chlorophacinone

RTECS Number : NK5335000

CAS Number : 3691-35-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING, DOMESTIC USE AS RODENTICIDE. (FORMULATION: PELLET; PARTICULATE; SOLUTION; SOLID; DUST OR POWDER). CODE CHP. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RSTR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN CHLOROPHACINONE ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference :</u> OJEC**,L206,,13,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OJEC**,L144,,1,1984 <u>Entry / Update :</u> APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IN CONTACT WITH SKIN AND IF SWALLOWED (R 48/24/25). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IN CONTACT WITH SKIN AND IF SWALLOWED (R 48/24/25); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->40%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 40->4%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 4->1% (SOLID) OR 4-0.4% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>

Common Name : Chlorophacinone

RTECS Number : NK5335000

CAS Number : 3691-35-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->40%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 40->4%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 4->1% (SOLID) OR 4-0.4% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,162,1989
					<u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME CHLOROPHACINONETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference :</u> FEREAC,54,100,22706,1989 <u>Last Amendment :</u> FEREAC,54,100,22706,1989
					<u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=100/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990
					<u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : **m-Chlorophenol**RTECS Number : **SK2450000**CAS Number : **108-43-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL CHLOROPHENOL ISOMERS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); KEEP OUT OF REACH OF CHILDREN (S 2); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). APPLIES TO ALL CHLOROPHENOL ISOMERS. IT MUST BE STATED ON THE LABEL WHETHER THE SUBSTANCE IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: HARMFUL SUBSTANCE. EMERGENCY ACTION CODE: 2X (APPLIES TO LIQUIDS)</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
IMO	REC	TRNSP LABEL PACK,	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CHLOROPHENOLS, SOLID AND LIQUID). UN NOS. 2020; 2021.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>
RUS	REG	AIR	AMBI	PSL	<p>0.01 MG/M3 1X/D</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Effective Date :</u> DEC1983</p> <p><u>Entry / Update :</u> SEP1985</p>

Common Name : **m-Chlorophenol**RTECS Number : **SK2450000**CAS Number : **108-43-0**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.5 MG/M3; 15 MIN - STEL: 1.5 MG/M3. THE LIMITS APPLY TO ALL CHLOROPHENOLS AND THEIR SALTS, CALCULATED AS CHLOROPHENOL. SKIN ABSORPTION.</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CHLOROPHENOLS, SOLID AND LIQUID). UN NOS. 2020; 2021.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990</p>

Common Name : o-Chlorophenol

RTECS Number : SK2625000

CAS Number : 95-57-8

Area Type Subject Spec. Description Level / Summary Information :

CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.002 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,,,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL CHLOROPHENOL ISOMERS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>

Common Name : **o-Chlorophenol**RTECS Number : **SK2625000**CAS Number : **95-57-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); KEEP OUT OF REACH OF CHILDREN (S 2); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). APPLIES TO ALL CHLOROPHENOL ISOMERS. IT MUST BE STATED ON THE LABEL WHETHER THE SUBSTANCE IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: HARMFUL SUBSTANCE. EMERGENCY ACTION CODE: 2X (APPLIES TO LIQUIDS)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO SOLID AND LIQUID CHLOROPHENOLS). UN NO. 2020 & 2021.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
RUS	REG	AIR	AMBI	PSL	<p>0.02 MG/M3 1X/D</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : DEC1983</p> <p><u>Last Amendment</u> : OBUAV*,2947-83,,,1983 <u>Entry / Update</u> : SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.5 MG/M3; 15 MIN - STEL: 1.5 MG/M3. THE LIMITS APPLY TO ALL CHLOROPHENOLS AND THEIR SALTS, CALCULATED AS CHLOROPHENOL. SKIN ABSORPTION.</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO SOLID AND LIQUID CHLOROPHENOLS). UN NO. 2020 & 2021.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : SEP1982</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : **o-Chlorophenol**RTECS Number : **SK2625000**CAS Number : **95-57-8**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AQ AQ	EMI INDST	RQR RQR	<p>BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT.</p> <p><u>Title :</u> 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS</p> <p><u>Reference :</u> FEREAC,44,,44502,1979 <u>Effective Date :</u> 1979</p> <p><u>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981</p> <p><u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
WHO	REC	AQ	DRINK	GL	<p>NO ADEQUATE DATA TO RECOMMEND A HEALTH-BASED GUIDELINE VALUE. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference :</u> WHODW*,,,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> WHODW*,,,1992 <u>Entry / Update :</u> OCT1992</p>

Common Name : **p-Chlorophenol**RTECS Number : **SK2800000**CAS Number : **106-48-9**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL CHLOROPHENOL ISOMERS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); KEEP OUT OF REACH OF CHILDREN (S 2); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). APPLIES TO ALL CHLOROPHENOL ISOMERS. IT MUST BE STATED ON THE LABEL WHETHER THE SUBSTANCE IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: HARMFUL SUBSTANCE. EMERGENCY ACTION CODE: 2X (APPLIES TO LIQUIDS)</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CHLOROPHENOLS, SOLID AND LIQUID). UN NOS. 2020; 2021.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 1.0 MG/M3 (VAPOUR) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Effective Date :</u> 01JAN1989</p> <p><u>Entry / Update :</u> MAY1990</p>

Common Name : **p-Chlorophenol**RTECS Number : **SK2800000**CAS Number : **106-48-9**Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AIR	AMBI	PSL	0.01 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUAV*,2947-83,,,1983	<u>Effective Date :</u> DEC1983 <u>Entry / Update :</u> SEP1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.5 MG/M3; 15 MIN - STEL: 1.5 MG/M3. THE LIMITS APPLY TO ALL CHLOROPHENOLS AND THEIR SALTS, CALCULATED AS CHLOROPHENOL. SKIN ABSORPTION. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u>	<u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CHLOROPHENOLS, SOLID AND LIQUID). UN NOS. 2020; 2021. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : Chloropicrin

RTECS Number : PB6300000

CAS Number : 76-06-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.7 MG/M3 (0.1 PPM); 15 MIN - STEL: 2 MG/M3 (0.3 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (SUBMITTED FOR MODIFICATION).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.1 PPM, 0.7 MG/M3; STEL: 0.3 PPM, 2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATETHAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING, RESTRICTED USE AS HERBICIDE, RODENTICIDE, NEMATICIDE, FUNGICIDE (AGRICULTURAL), INSECTICIDE, WOOD PRESERVATIVE. (FORMULATION: LIQUID; SOLUTION). CODE CPN. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTEREDBY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTSTHAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER COMPRESSED OR LIQUEFIED GASES, TOXIC, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO CHLOROPICRIN AND NON-FLAMMABLE, NON-LIQUEFIED, COMPRESSED, GAS MIXTURE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1580. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 99, 102. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PROHIBITED. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>

Common Name : Chloropicrin

RTECS Number : PB6300000

CAS Number : 76-06-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISONOUS SUBSTANCE.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.1 ML/M3 (PPM); 0.7 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 ML/M3 (PPM); 1.4 MG/M3; CEILING VALUE; 8X/SHIFT. VAPOUR PRESSURE: 2.5 KPA AT 20C.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p><u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1196,1988 <u>Effective Date :</u> 29MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,I,796,1991 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>

Common Name : Chloropicrin

RTECS Number : PB6300000

CAS Number : 76-06-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); WEAR SUITABLE PROTECTIVE CLOTHING (S 36); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	PACK STORE TRNSP		RQR RQR RQR	<p>GENERAL REQUIREMENTS CONCERNING CONTAINERS, STORAGE AND TRANSPORT OF POISONS ARE LAID DOWN. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>
GBR	REG	SALE STORE		RSTR RQR	<p>A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>
GBR	REG	CLASS SALE		CLASS RSTR	<p>POISONOUS SUBSTANCE WHICH, WHERE IT IS A NON-MEDICAL POISON, IS NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS (COMMISSION DIRECTIVE 73/173/EEC - OJEC L189,7,1973 AS LAST AMENDED BY THE REFERENCE GIVEN).</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBRSI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.7 MG/M3 (0.1 PPM). STEL (10 MIN-TWA): 2 MG/M3 (0.3 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1580.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO CHLOROPICRIN AND METHYL BROMIDE MIXTURES AND TO CHLOROPICRIN AND METHYL CHLORIDE MIXTURES) UN NO.1581, 1582.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.67 MG/M3 (0.1 PPM)</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : Chloropicrin

RTECS Number : PB6300000

CAS Number : 76-06-2

Area Type Subject Spec. Description Level / Summary Information :

MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.7 MG/M3 (0.1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 2 MG/M3 (0.3 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVAL OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	AMBI	MAC	<p>0.01 MG/M3 1X/D; 0.007 MG/M3 AV/D (CALCULATED VALUES)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> JUN1982</p>
RUS	REG	FOOD	-	PRO MRL	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983</p> <p><u>Entry / Update :</u> OCT1985</p>
SWE	REG	USE	PESTI	PRO	<p>WITHDRAWN BECAUSE OF ITS HIGH ACUTE TOXICITY.</p> <p><u>Title :</u> DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3. STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..."</p> <p><u>Reference :</u> NPPBD*,,,1966 <u>Effective Date :</u> ** 1966</p> <p><u>Last Amendment :</u> SVENF*,1985:426,,4,1985 <u>Entry / Update :</u> FEB1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO CHLOROPICRIN AND METHYL BROMIDE MIXTURES.) UN NO. 1581.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1580.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> SEP1982</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.1 PPM, 0.67 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 0.3 PPM, 2.0 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>4 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,70,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,70,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Chloropicrin

RTECS Number : PB630000

CAS Number : 76-06-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL FORMULATIONS WITH CHLOROPICRIN OF 2% AND GREATER ARE RESTRICTED FOR ALL USES. ALL FORMULATIONS WITH CHLOROPICRIN ARE RESTRICTED FOR RODENT CONTROL. ALL FORMULATIONS WITH CHLOROPICRIN OF 2% AND LESS ARE UNCLASSIFIED FOR OUTDOOR USES EXCEPT RODENT CONTROL. THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR.</p> <p><u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE</p> <p><u>Reference</u> : FEREAC,43,,5790,1978 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : CFRUS*,40,152,175,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CHLOROPICRIN, 1982. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>LIQUID: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. VESSEL SHIPMENTS MUST BE KEPT COOL. ALL SHIPMENTS MUST BE LABELED POISON. MIXTURE.: CONTAINING NO COMPRESSED GAS OR POISON A: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. VESSEL SHIPMENTS MUST BE KEPT COOL. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. VESSEL SHIPMENTS MUST BE KEPT COOL. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. (APPLIES ALSO TO CHLOROPICRIN ABSORBED)</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ	DRINK	CLASS	<p>AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).</p> <p><u>Title</u> : SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS</p> <p><u>Reference</u> : FEREAC,53,,1892,1988 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,56,,1473,1991 <u>Entry / Update</u> : OCT1991</p>
WHO	REC	AQ	DRINK	GL	<p>NO ADEQUATE DATA TO RECOMMEND A HEALTH-BASED GUIDELINE VALUE. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : Chloroprene

RTECS Number : EI9625000

CAS Number : 126-99-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 35 MG/M3 (10 PPM). SKIN ABSORPTION, POTENTIAL CARCINOGEN.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>70 MG/M3 (20 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM)</p> <p><u>Title</u> : SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference</u> : SMTBR*,3,,141,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 10 PPM, 35 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1991. CLASS (3.2): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 84. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER), MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO CHLOROPRENE INHIBITED)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 50.0 MG/M3; CLV: 100.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Chloroprene

RTECS Number : EI9625000

CAS Number : 126-99-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 ML/M3 (PPM); 36 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 20 ML/M3 (PPM); 72 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS. VAPOUR PRESSURE: 26.7 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: F+ - EXTREMELY FLAMMABLE; XN - HARMFUL; EXTREMELY FLAMMABLE (R 12); HARMFUL BY INHALATION (R 20); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); DO NOT EMPTY INTO DRAINS (S 29); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). IF THE SUBSTANCE IS NOT STABILIZED, THIS MUST BE STATED ON THE LABEL BY ADDING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3WE (APPLIES TO INHIBITED CHLOROPRENE)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 36MG/M3 (10PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 36MG/M3 (10PPM) - CAN BE ABSORBED THROUGH SKIN -</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : Chloroprene

RTECS Number : EI9625000

CAS Number : 126-99-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO THE INHIBITED SUBSTANCE). UN NO.1991. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 45 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	AMBI	MAC	0.02 MG/M3 1X/D, 0.002 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	MAC CLASS	0.01 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.05 MG/M3 (VAPOUR) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 3.5 MG/M3 (1 PPM); 15 MIN - STEL: 18 MG/M3 (5 PPM), SKIN ABSORPTION. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO THE INHIBITED SUBSTANCE). UN NO.1991. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982

Common Name : Chloroprene

RTECS Number : EI9625000

CAS Number : 126-99-8

Area Type Subject Spec. Description Level / Summary Information :USA REC SAFTY USE OCC MXL
MXL 400 PPMTitle : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,70,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,70,1990Entry / Update : OCT1991

USA REC AIR OCC TLV

TIME WEIGHTED AVG (TWA) 10 PPM, 36 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.

Title : THRESHOLD LIMIT VALUESReference : ACGIH*,11,1989Effective Date : 1989Last Amendment : ACGIH*,11,1991Entry / Update : DEC1991

USA REG FOOD TRANS STORE PACK ADDIT RSTR RSTR RSTR

THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175

Title : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVESReference : FEREAC,42,,14534,1977Effective Date : 1977Last Amendment : CFRUS*,21,175,105,1988Entry / Update : NOV1991

USA REG AIR EMI RQR

FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED

Title : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTSReference : FEREAC,50,,46290,1985Effective Date : 1985Last Amendment : CFRUS*,40,61,1,1990Entry / Update : SEP1991

USA REG TRNSP PACK LABEL - PRMT CNTRL RQR

INHIBITED: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. ALL SHIPMENTS MUST BE LABELED FLAMMABLE LIQUID. UNINHIBITED: FORBIDDEN IN TRANSPORT. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.

Title : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONSReference : CFRUS*,49,172,101,1984Effective Date : OCT1991Last Amendment : CFRUS*,49,172,101,1990Entry / Update : NOV1991

USA REG AQ AQ GRND GRND MONIT MXL

THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.

Title : LIST (PHASE I) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.Reference : FEREAC,52,,25947,1987Effective Date : 1987Last Amendment : CFRUS*,40,264,,1990Entry / Update : SEP1991

USA REG AIR SOIL AQ MANUF EMI EMI EMI EMI RQR RQR RQR RQR

FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.

Title : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCESReference : CFRUS*,40,372,65,1988Effective Date : 1987Last Amendment : CFRUS*,40,372,65,1988Entry / Update : OCT1991

Common Name : Chloroprene

RTECS Number : EI9625000

CAS Number : 126-99-8

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982</p> <p><u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Chlorothalonil**RTECS Number : **NT260000**CAS Number : **1897-45-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-10 MG/KG; SECURITY INTERVAL: 7-90 DAYS: PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS MATERIAL PRESERVATIVE, FUNGICIDE (AGRICULTURAL). (FORMULATION: DUST OR POWDER; SUSPENSION; SOLID; WETTABLE POWDER). CODE TET. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.3-15.0 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 08MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF APPROVED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	CEREALS: 0.2 MG/KG. OTHER PLANT PRODUCTS: 0.02 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992

Common Name : Chlorothalonil

RTECS Number : NT260000

CAS Number : 1897-45-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). <i>Title :</i> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <i>Reference :</i> OJEC**,196,,1,1967 <i>Effective Date :</i> 1JUL1992 <i>Last Amendment :</i> OJEC**,L 180,,79,1991 <i>Entry / Update :</i> APR1992
FW	REC	FOOD FOOD	-	ADI MRL	ADI(TEMPORARY): 0.0005 MG/KG BW; MRL (TEMPORARY): CURRANTS (RED,BLACK,WHITE), PEACHES: 25 MG/KG; CELERY: 15 MG/KG; BLACKBERRIES, CHERRIES, CHICORY SPROUTS, COLLARDS, ENDIVE, KALE, LETTUCE (HEAD), PEPPERS, RASPBERRIES: 10 MG/KG; BEANS (GREEN IN POD), BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CITRUS FRUIT, CRANBERRIES, CUCUMBERS, MELONS, ONIONS, PUMPKINS, SQUASH, TOMATOES: 5 MG/KG; CARROTS, SUGAR BEETS, SWEET CORN: 1 MG/KG; BEANS (LIMA-WITHOUT POD), PEANUTS (WHOLE): 0.5 MG/KG; PEANUTS (KERNELS), POTATOES: 0.1 MG/KG (EXPRESSED AS CHLOROTHALONIL) <i>Title :</i> <i>Reference :</i> <i>Effective Date :</i> 1986 <i>Last Amendment :</i> FAOCA*,XIII,,81-IV,1986 <i>Entry / Update :</i> APR1991
GBR	REG	USE	PESTI	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. <i>Title :</i> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <i>Reference :</i> APFG**,,89,1983 <i>Effective Date :</i> <i>Last Amendment :</i> <i>Entry / Update :</i> 1983
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <i>Title :</i> <i>Reference :</i> <i>Effective Date :</i> 1JAN1986 <i>Last Amendment :</i> SCHSB*,1986-90,,,1987 <i>Entry / Update :</i> NOV1987
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1-1.0 MG/KG; ADI = 0.003 MG/KG <i>Title :</i> <i>Reference :</i> <i>Effective Date :</i> JAN1988 <i>Last Amendment :</i> MDUPP*,4540-87,,,1987 <i>Entry / Update :</i> JUL1990
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-1.0 MG/KG <i>Title :</i> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <i>Reference :</i> SLVFS*,1983:1,,,1983 <i>Effective Date :</i> 01JAN1990 <i>Last Amendment :</i> SLVFS*,1989:29,,,1989 <i>Entry / Update :</i> 1992
SWE	REG	USE	PESTI	PRO	SUSPENDED DUE TO ITS CARCINOGENIC PROPERTIES <i>Title :</i> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN <i>Reference :</i> KEMIB*,,,1991 <i>Effective Date :</i> ** 1991 <i>Last Amendment :</i> <i>Entry / Update :</i> FEB1992

Common Name : Chlorothalonil

RTECS Number : NT2600000

CAS Number : 1897-45-6

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, CHLOROTHALONIL, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991

Common Name : 4-Chloro-o-toluidine Hydrochloride

RTECS Number : XU5250000

CAS Number : 3165-93-3

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1579. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 56, 89. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO THE SUBSTANCE, LIQUID OR SOLUTION). UN NO.1579 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1579. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992

Common Name : 4-Chloro-o-toluidine Hydrochloride

RTECS Number : XU5250000

CAS Number : 3165-93-3

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference _____ :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REQ	MANUF - SALE USE		RSTR RSTR RSTR	A NOTIFICATION OF NEW USES FOR THIS CHEMICAL HAS BEEN FILED AND IS SUBJECT FOR REPORTING FOR EVALUATION OF MANUFACTURE, PROCESSING, DISTRIBUTION IN COMMERCE, USE OR DISPOSAL OR ANY COMBINATION OF SUCH ACTIVITIES, WHICH MAY PRESENT AN UNREASONABLE RISK OF INJURY TO HEALTH OR THE ENVIRONMENT. <u>Title :</u> CHEMICALS SUBJECT TO SIGNIFICANT NEW USE RULES (SNURS) <u>Reference _____ :</u> XCODE*,15,,2604,1991 <u>Effective Date :</u> 1JAN1977 <u>Last Amendment :</u> XCODE*,15,,2604,1991 <u>Entry / Update :</u> OCT1991

Common Name : Chloroxuron

RTECS Number : YS6125000

CAS Number : 1982-47-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-0.2 MG/KG (PROVISIONAL); SECURITY INTERVAL: 45 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE CLX. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF CHLOROXYURON AND ITS DEGRADATION AND REACTION PRODUCTS CONTAINING STILL THE 4-(4-CHLOROPHENOXY)-ANILINE GROUP; CALCULATED AS 4-(4-CHLOROPHENOXY)-ANILINE. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL) : 0.2 MG/KG <u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference :</u> OJEC**,L340,,34,1976 <u>Effective Date :</u> <u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Entry / Update :</u> APR1986
GBR	REG	USE	PESTI	PRMT	APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983

Common Name : Chloroxuron

RTECS Number : YS6125000

CAS Number : 1982-47-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.02 MG/KG;ADI = 0.06 MG/KG BW (CALCULATED VALUE).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JAN1988</p> <p><u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	SOIL	-	PSL	<p>0.4 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> MAY1984</p> <p><u>Last Amendment :</u> ODKPP*,3035-84,,,1984 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.02 MG/KG;ADI = 0.06 MG/KG (CALCULATED VALUE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1983</p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference :</u> FEREAC.52,,13395,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Chlorpropham

RTECS Number : FD8050000

CAS Number : 101-21-3

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 15.0 PPM. THESE LIMITS ARE PRESCRIBED BY THEFOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT. ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 26JUN1980</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS HERBICIDE, PLANT GROWTH REGULATOR. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; SOLUTION). CODE CIP. THE PEST CONTROL PRODUCTS ACT ANDREGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 - 5.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF CHLOROPROPHAM AND PROPHAM.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.05 MG/KG; PLANT(SPECIFIED):0.1 MG/KG (CALCULATED AS THE SUM OF BARBAN, CHLORPROPHAM AND CHLORBUFAM, EXPRESSED AS 3-CHLOROANILINE)</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference :</u> OJEC**,L340,,34,1976 <u>Effective Date :</u> 01JUL1984</p> <p><u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Entry / Update :</u> APR1986</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED FOR APPLICATION BY AEROSOL PROJECTORS. SPECIFIC USES ARE LISTED. (APPLIES TO CHLOROPROPHAM ALONE OR WITH PROPHAM)</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A SOIL-ACTING HERBICIDE AND GROWTH REGULATOR. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS : 3.0-50 MG/KG</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>

Common Name : Chlorpropham

RTECS Number : FD8050000

CAS Number : 101-21-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS ANTI-SPROUTING AGENT. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,363,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMITS FOR SPECIFIED FOOD PRODUCTS : 0.05 MG/KG ; ADI = 0.02 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1983</p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,1983 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>1.0 MG/L HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.02 MG/M3 1X/D, 0.02 MG/M3 AV/D (CALCULATED VALUES)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> JUN1982</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 2.0 MG/M3 (VAPOUR, AEROSOL) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBK*,,,1991 <u>Effective Date :</u> **APR1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CHLORPROPHAM, 1987. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992</p>

Common Name : Chlorpyrifos

RTECS Number : TF6300000

CAS Number : 2921-88-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.2 MG/M3; 15 MIN - STEL: 0.6 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION. (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	FOOD FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT RSTR CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.01-1 MG/KG; SECURITY INTERVAL: 21 DAYS; SPECIFIED ANIMAL PRODUCTS: 0.01-2 MG/KG (NON-INTENTIONAL RESIDUES); PROVISIONAL TOXICITY CLASS: II (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED ACCORDING TO PRESCRIPTIONS IN FORMULATIONS OF 1-2% (W/W).</p> <p><u>Title</u> : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,,,1,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REC	AQ	DRINK	GL MAC	<p>MAC: 0.09 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL = 1.0 PPM (CALCULATED WHERE RELEVANT, ON THE FAT CONTENT) (APPLIES TO CHLORPYRIFOS INCLUDING THE METABOLITE 3,5,6-TRICHLORO-2-PYRIDINOL). THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH,POTENCY, PURITY, QUALITY OR OTHER PROPERTY OFFOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,11,,1990 <u>Effective Date</u> : 09AUG1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER ORGANOPHOSPHORUS PESTICIDES, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>

Common Name : **Chlorpyrifos**RTECS Number : **TF630000**CAS Number : **2921-88-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.2 MG/M3; STEL: 0.6 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, RESTRICTED, DOMESTIC, MANUFACTURING, USE AS ACARACIDE (MITE CONTROL), INSECTICIDE. (FORMULATION: DUST OR POWDER; EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; PRESSURIZED PRODUCT). CODE DUB. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>

Common Name : Chlorpyrifos

RTECS Number : TF6300000

CAS Number : 2921-88-2

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE(SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IC, I.E. WHEN SOLID: AS TOXIC AT CONCS. >33% AND AS HARMFUL AT >1.7-33%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >20% AND AS HARMFUL >1-20%.MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.01 MG/KG BW; MRL: CARCASE MEAT OF CATTLE (IN CARCASE FAT), KIWI FRUIT: 2 MG/KG; APPLES, CHINESE CABBAGE, GRAPES, KALE: 1 MG/KG; CARROTS, PEARS, PEPPERS, TOMATOES: 0.5 MG/KG; CITRUS FRUIT: 0.3 MG/KG; BEANS, CARCASE MEAT OF SHEEP AND TURKEY (IN CARCASE FAT), EGGPLANTS, RASPBERRIES: 0.2 MG/KG; CARCASE MEAT OF POULTRY (IN CARCASE FAT), LETTUCE, RICE (IN HUSK): 0.1 MG/KG; CAULIFLOWER, CELERY, COTTONSEED, COTTONSEED OIL (CRUDE), EGGS (SHELL-FREE BASIS), MUSHROOMS, ONIONS, POTATOES, RED CABBAGE, SUGAR BEETS: 0.05 MG/KG; MILK: 0.01 MG/KG (EXPRESSED AS CHLORPYRIFOS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,17-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.2 MG/M3. STEL (10 MIN-TWA): 0.6 MG/M3. SKIN ABSORPTION.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.2 MG/M3 - 10 MIN- STEL: 0.6 MG/M3 - CAN BE ABSORBED THROUGH SKIN -</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-40% (SOLID) OR 100-10% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
JPN	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS : 0.5 MG/KG</p> <p><u>Title</u> : FOOD SANITATION LAW OF JAPAN</p> <p><u>Reference</u> : JPNFS*,,, <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
MEX	REG	AQ	AMBI	MPC	<p>0.03 MG/L IN ESTUARIES</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>

Common Name : Chlorpyrifos

RTECS Number : TF630000

CAS Number : 2921-88-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AQ	AMBI	MPC	3.0 UG/L IN COASTAL WATERS <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.2 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.6 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVAL OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REC	FOOD EXPR IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.05-0.2 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,,1984 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS, LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.3 MG/KG; ADI = 0.001 MG/KG BW. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JAN1988 <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.3 MG/KG; ADI = 0.001 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1983 <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.005 MG/L <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1981 <u>Last Amendment :</u> SCHSB*,SUPL-5,,,1982 <u>Entry / Update :</u> OCT1985
RUS	REG	FEED	-	MRL	0.2 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> APR1981 <u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	OCC	PSL	0.3 MG/M3 (VAPOUR + AEROSOL) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 00APR1988 <u>Last Amendment :</u> OBUVR*,4613-88,,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE: USE IN STORE ROOMS AND ON ADJACENT AREAS PROHIBITED REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC. PERSISTENT IN THE ENVIRONMENT AND HEAT RESISTANT. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,123-5/649-23,,25MAY,1984 <u>Entry / Update :</u> AUG1988

Common Name : Chlorpyrifos

RTECS Number : TF630000

CAS Number : 2921-88-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference</u> : PFBEK*,,,1991 <u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>ANIMAL PRODUCTS: 0.003-0.1 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01MCH1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.05-0.5 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSEN OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-40% (SOLID) OR 100-10% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : MAY1986</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 0.6 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CHLOROPYRIFOS, 1984. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Chlorpyrifos

RTECS Number : TF6300000

CAS Number : 2921-88-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 100 POUNDS/PACKAGE. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FERECAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Chlorpyrifos-methyl

RTECS Number : TG0700000

CAS Number : 5598-13-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference</u> : SPPOR*,,,290,1990 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 5.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.01 MG/KG BW; MRL: BRAN (WHEAT): 20 MG/KG; MAIZE, SORGHUM, WHEAT: 10 MG/KG; FLOUR, WHOLEMEAL BREAD: 2 MG/KG; APPLES, PEACHES, TOMATOES, WHITE BREAD: 0.5 MG/KG; ARTICHOKEs, BEANS, CABBAGE, CHINESE CABBAGE, EGGPLANTS, LETTUCE, PEPPERS, RADISHES, RICE, TEA (GREEN): 0.1 MG/KG; CARCASE MEAT OF CATTLE, CATTLE FAT, CATTLE MEAT BY-PRODUCTS, CHICKEN BY-PRODUCTS, CHICKEN FAT, EGGS, MEAT OF CHICKEN: 0.05 MG/KG; MILK: 0.01 MG/KG (EXPRESSED AS CHLORPYRIFOS-METHYL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,90-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.01-10.0MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : **Chlorthal**RTECS Number : **WZ1500000**CAS Number : **1861-32-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS HERBICIDE. (FORMULATION: GRANULAR; WETTABLE POWDER). APPLIES WHEN PRESENT AS ACID OR AS DIMETHYL ESTER. CODE CHL. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>ONIONS: 0.05 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.05-2.0 MG/KG.</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987</p>
RUS	REG	SOIL	-	PSL	<p>0.1 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1981</p> <p><u>Last Amendment :</u> ODKPP*,2402-81,,,1981 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>1.0 MG/L HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.08 MG/L</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> JUN1982</p>
RUS	REG	FOOD	-	PRO ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. ADI = 0.0005MG/KG BW.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JAN1988</p> <p><u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	FOOD	-	PRO ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTSADI = 0.0005MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1983</p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Entry / Update :</u> OCT1985</p>
USA	REG	AQ	DRINK	CLASS	<p>AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).</p> <p><u>Title :</u> SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS</p> <p><u>Reference :</u> FEREAC,53,,1892,1988 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,56,,1473,1991 <u>Entry / Update :</u> OCT1991</p>

Common Name : Chlorthiamide

RTECS Number : CV3850000

CAS Number : 1918-13-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference</u> : SPPOR*,290,1990 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	USE	PESTI	RSTR	<p>PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E.WHEN SOLID: AS HARMFUL AT CONCS. >25-100% ANDWHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. > 12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); WEAR SUITABLE PROTECTIVE CLOTHING (S 36).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	USE	PESTI	PRMT	<p>HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION : 4 WEEKS</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1986</p> <p><u>Last Amendment</u> : SCHSB*,1986-90,,1987 <u>Entry / Update</u> : NOV1987</p>

Common Name : **Chromic Acid**RTECS Number : **GB6650000**CAS Number : **1333-82-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1463. CLASS (5.1): OXIDIZER; CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 25 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNIFIED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO ANHYDROUS AND SOLID CHROMIC ACID)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CHROMIUM(VI) COMPOUNDS AS DUSTS/AEROSOLS, WITH THE EXCEPTION OF THOSE PRACTICALLY INSOLUBLE IN WATER SUCH AS LEAD CHROMATE, BARIUM CHROMATE AND ZINC CHROMATE.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.2 MG/M3. CALCULATED AS CRO3 IN TOTAL DUST. APPLIES TO CHROMIUM(VI) COMPOUNDS (AS DUSTS/AEROSOLS) IN ARC-WELDING BY HAND WITH COATED ELECTRODES. 8H-TWA: 0.1 MG/M3. CALCULATED AS CRO3 IN TOTAL DUST. APPLIES TO CHROMIUM(VI) COMPOUNDS (AS DUSTS/AEROSOLS) IN ALL OTHER CASES. THE LOWER TRK VALUE IS BASED ON THE LOWEST LEVEL PRODUCING AN EFFECT. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title :</u> TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRLICHE STOFFE")</p> <p><u>Reference :</u> BNDS6,,2,120,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> BNDS6,,11,52,1991 <u>Entry / Update :</u> JAN1992</p>

Common Name : **Chromic Acid**RTECS Number : **GB6650000**CAS Number : **1333-82-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: O - OXIDIZING; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). XI - IRRITANT; MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). LABEL: O - OXIDIZING; C - CORROSIVE; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8); CAUSES SEVERE BURNS (R 35); MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (§ 28). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 10%: C - CORROSIVE; CAUSES SEVERE BURNS (R 35); MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). FROM 5% TO 10%: C - CORROSIVE; CAUSES BURNS (R 34); MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). FROM 1% TO 5%: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38); MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. SUBSIDIARY RISK LABEL: CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO THE ANHYDROUS SUBSTANCE)UN NO. 1463</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.01 MG/M3 (VAPOUR) HAZARD CLASS: I</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBEK*,,,,1991 <u>Effective Date :</u> **APR1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : **Chromic Acid**RTECS Number : **GB6650000**CAS Number : **1333-82-0**Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. SUBSIDIARY RISK: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO THE ANHYDROUS SUBSTANCE). UN NO. 1463			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	
					<u>Last Amendment :</u>	UNTDG*,,,15,1989	<u>Entry / Update :</u>	AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /CHROMIUM (VI) COMPOUNDS, AS CR. WATER SOLUBLE/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.			
					<u>Title :</u> THRESHOLD LIMIT VALUES			
					<u>Reference :</u>	ACGIH*,,,11,1989	<u>Effective Date :</u>	1989
					<u>Last Amendment :</u>	ACGIH*,,,11,1991	<u>Entry / Update :</u>	DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	30 MG/M3 /FOR NON-CARCINOGENIC CHROMIC ACID AND CHROMATES (AS CRO3)/			
					<u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS			
					<u>Reference :</u>	XPHPAW,90,117,70,1990	<u>Effective Date :</u>	JUN1990
					<u>Last Amendment :</u>	XPHPAW,90,117,70,1990	<u>Entry / Update :</u>	OCT1991

Common Name : **Chromic Acid**RTECS Number : **GB2450000**CAS Number : **7738-94-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	AIR	OCC	AL	0.04 MG/M3 (FOR 48H/WK) (HAZARDOUS GRADE : MAXIMUM) <u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE) <u>Reference :</u> SMTBR*,3,,139,1980 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS WOOD PRESERVATIVE. (FORMULATION: PASTE; SOLUTION). CODE CRO. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CHROMIUM(VI) COMPOUNDS AS DUSTS/AEROSOLS, WITH THE EXCEPTION OF THOSE PRACTICALLY INSOLUBLE IN WATER SUCH AS LEAD CHROMATE, BARIUM CHROMATE AND ZINC CHROMATE. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
EEC	REG	FOOD	ADDIT	MXL	NO DETECTABLE QUANTITIES OF CHROMATES MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. <u>Title :</u> COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. <u>Reference :</u> OJEC**,115,,2645/62,1962 <u>Effective Date :</u> <u>Last Amendment :</u> OJEC**,L43,,11,1981 <u>Entry / Update :</u> FEB1986
GBR	REG	TRNSP LABEL	-	CLASS RQR	LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2X (APPLIES TO CHROMIC ACID SOLUTION) <u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference :</u> GBRSI*,1702,,1978 <u>Effective Date :</u> 28MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983

Common Name : **Chromic Acid**RTECS Number : **GB2450000**CAS Number : **7738-94-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO CHROMIC ACID SOLUTION) UN NO.1755. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
SWE	REG	AIR	OCC	HLV	LIMITS FOR CHROMIC ACID (AS CR): 1D-TWA: 0.02MG/M3; 15MIN-STEL: 0.06MG/M3. CARCINOGENIC, SENSITIZING. LIMIT FOR CHROMATES (AS CR): 1D-TWA:0.02MG/M3. CARCINOGENIC, SENSITIZING. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO CHROMIC ACID SOLUTION) UN NO.1755. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS cLBS (KG) , ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MIXTURE DRY: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM FOODSTUFFS. ALL SHIPMENTS MUST BE LABELED OXIDIZER. SOLID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM FOODSTUFFS AND SEPARATE FROM FLAMMABLE LIQUIDS AND SOLIDS. ALL SHIPMENTS MUST BE LABELED OXIDIZER. SOLUTION: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 GALLON/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. ALL SHIPMENTS MUST BE LABELED CORROSIVE.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, CHROMATED ARSENICALS, 1986.; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : **Chromium**RTECS Number : **GB4200000**CAS Number : **7440-47-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>CHROMIUM METAL: 8H-TWA: 0.5 MG/M3. SOLUBLE CHROMIUM SALTS: 8H-TWA : 0.5 MG/M3. CHROMIUM (II) COMPOUNDS: 8H-TWA: 0.5 MG/M3. CHROMIUM (III) COMPOUNDS: 8H-TWA: 0.5 MG/M3. CHROMIUM (VI) COMPOUNDS: 8H-TWA: 0.05 MG/M3 FOR WATER SOLUBLE COMPOUNDS AND 0.05 MG/M3 FOR INSOLUBLE COMPOUNDS, CARCINOGENIC. (ALL LIMITS ARE CALCULATED AS CR).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED, HEXAVALENT) 0.1 MG/L; (TOTAL) 0.5 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,,,,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	AQ	EMI	GL	<p>SCHEDULE I - OBJECTIVES FOR SUBSTANCES: MAX.TOTAL CONCENTRATION (TOTAL CHROMIUM) - 1.0 MG/L. PRESCRIBED BY THE METAL FINISHING LIQUID EFFLUENT GUIDELINES, WHICH FALL UNDER THE FISHERIES ACT (ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND THE ENVIRONMENT). THE INTENT OF THESE GUIDELINES IS TO CONTROL THE DISCHARGE OF LIQUID EFFLUENTS FROM THE PORTION OF THE METAL FINISHING INDUSTRY WHICH INCLUDES ELECTROPLATING, ELECTROFORMING, ANODIZING, ELECTROCHEMICAL MACHINING, ELECTROCHEMICAL POLISHING, ELECTROLESS PLATING, CHROMATING AND CYANIDE HARDENING. THEY SET OBJECTIVES FOR THE MAXIMUM CONCENTRATION OF CERTAIN SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAE0,111,,5957,1977 <u>Effective Date :</u> NOV1977</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.05 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO CHROMIUM ELEMENTAL)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>

Common Name : Chromium

RTECS Number : GB4200000

CAS Number : 7440-47-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>METAL - TWA: 0.5 MG/M3. CHROMIUM(II) COMPOUNDS, AS CR - TWA: 0.5 MG/M3. CHROMIUM(III) COMPOUNDS, AS CR - TWA: 0.5 MG/M3. CHROMIUM(VI) COMPOUNDS, AS CR - WATERSOLUBLE - TWA: 0.05 MG/M3; CERTAIN WATER INSOLUBLE - TWA: 0.05 MG/M3, CONFIRMED HUMAN CARCINOGEN. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.05 MG/L (APPLIES ALSO TO COMPOUNDS)</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.05 MG/M3; CLV: 0.1 MG/M3 (CALCULATED AS CR) (APPLIES TO CR AND ITS COMPOUNDS)</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS (APPLIES TO CHROMIUM AND ITS COMPOUNDS)</p> <p><u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference :</u> HPMZC*,32,,,1970 <u>Effective Date :</u> 1JAN1971</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.1-0.5 MG/KG (SPECIFIED FOOD PRODUCTS); 0.05 MG/KG (BEVERAGES, GENERAL). (APPLIES TO CHROMIUM AND ITS COMPOUNDS).</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.02 MG/L II CLASS: BELOW 0.1 MG/L III CLASS: BELOW 0.2 MG/L IV CLASS: BELOW 0.5 MG/L V CLASS: ABOVE 0.5 MG/L (APPLIES TO TOTAL CHROMIUM)</p> <p><u>Title :</u> WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY</p> <p><u>Reference :</u> CSNOR*,757221,,,1989 <u>Effective Date :</u> 01JUL1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	EMI	MXL	<p>EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 2 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 2 MG/M3 (ALL LIMITS APPLY TO SUM OF ARSENIC, NICKEL, CHROMIUM AND COBALT AT COMBUSTION GAS AT NORMAL CONDITIONS: PRESSURE - 101.32 KPA, TEMPERATURE - 0 C)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	FEED	-	MXL	<p>MXL: 5.0 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.5-15.0 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS)</p> <p><u>Title :</u> NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference :</u> SZCSR*,25,609,1987 <u>Effective Date :</u> 1JAN1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO CHROMIUM AND ITS COMPOUND (EXCEPT CHROMIUM(VI) COMPOUNDS) EXPRESSED AS CHROMIUM)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Chromium

RTECS Number : GB420000

CAS Number : 7440-47-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	SLUDG USE	AGRIC	MAC	<p>MAC IN INDUSTRIAL COMPOSTS: 1000 MG/KG (APPLIES TO COMPOST COMPONENTS); 100 MG/KG (APPLIES TO 1.CLASS COMPOST); 300 MG/KG (APPLIES TO 2.CLASS COMPOST - NOT ALLOWED TO USE FOR GROWING OF PRODUCTS FOR DIRECT CONSUMPTION)</p> <p><u>Title</u> : INDUSTRIAL COMPOST</p> <p><u>Reference</u> : CSNOR*,465735,,1991 <u>Effective Date</u> : 1JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ	GRND	CLASS	<p>CHROMIUM AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.2 MG/M3, CALCULATED AS CRO3 IN TOTAL DUST. APPLIES TO CHROMIUM(VI) COMPOUNDS (AS DUSTS/AEROSOLS) IN ARC-WELDING BY HAND WITH COATED ELECTRODES. 8H-TWA: 0.1 MG/M3, CALCULATED AS CRO3 IN TOTAL DUST. APPLIES TO CHROMIUM(VI) COMPOUNDS (AS DUSTS/AEROSOLS) IN ALL OTHER CASES. THE LOWER TRK VALUE IS BASED ON THE LOWEST LEVEL PRODUCING AN EFFECT. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRliche STOFFE")</p> <p><u>Reference</u> : BNDS6,,2,120,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : BNDS6,,11,52,1991 <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CHROMIUM(VI) COMPOUNDS AS DUSTS/AEROSOLS, WITH THE EXCEPTION OF THOSE PRACTICALLY INSOLUBLE IN WATER SUCH AS LEAD CHROMATE, BARIUM CHROMATE AND ZINC CHROMATE.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGFDF,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AQ	DRINK	MPC	<p>0.05 MG/L (CALCULATED AS CR) CORRESPONDING TO ABOUT 1 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.01 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE TOTAL CONCENTRATIONS OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TIN AS WELL AS THEIR INORGANIC COMPOUNDS AND SOLUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5 MG/M3 (CALCULATED AS THE METAL OR CN OR F) AT A MASS FLOW OF >= 25 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Chromium

RTECS Number : GB420000

CAS Number : 7440-47-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AQ AQ	EMI EMI	RQR TLV	<p>WASTE WATER CHARGES ARE LEVIED BY THE FEDERAL STATES WHEN WASTE WATER DISCHARGED INTO A WATER BODY EXCEEDS THE THRESHOLD VALUES FOR CHROMIUM AND CHROMIUM COMPOUNDS OF 50 UG/L AND AN ANNUAL AMOUNT OF 2.5 KG. THE CHARGE PER HARMFUL UNIT WHICH CORRESPONDS TO 500 G OF CHROMIUM AND CHROMIUM COMPOUNDS AMOUNTS TO 50 GERMAN MARKS SINCE 01 JANUARY 1991. IT WILL BE INCREASED EVERY SECOND YEAR UP TO 90 GERMAN MARKS AS OF 01 JANUARY 1999.</p> <p><u>Title</u> : SEWAGE CHARGE LAW (ABWASSERABGABENGESETZ)</p> <p><u>Reference</u> : BGZBAD,,I,2432,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>CHROMIUM(VI) COMPOUNDS IN RESPIRABLE FORM, AS CALCIUM CHROMATE, CHROMIUM(III) CHROMATE, STRONTIUM CHROMATE AND ZINC CHROMATE (CALCULATED AS CHROMIUM) BELONG TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF > = 5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	AIR WASTE	EMI REMOV	MXL RQR	<p>EMISSION LIMIT VALUES FOR THE SUBSTANCE EMITTED AS A RESULT OF THE COMBUSTION OF WASTE OILS: 1.5 MG/M3 (SUM OF CHROMIUM, COPPER AND VANADIUM) OR 5.0 MG/M3 (SUM OF CHROMIUM, COPPER, VANADIUM AND LEAD) (APPLIES TO PLANTS WITH A THERMAL INPUT OF 3MW OR MORE). THE LIMIT VALUES INDICATE THE MASS CONCENTRATION OF EMISSIONS OF THE SUBSTANCE IN WASTE GAS IN TERMS OF THE VOLUME OF WASTE GAS IN THE STANDARD STATE, AFTER DEDUCTION OF THE WATER VAPOUR MOISTURE CONTENT AND OF A 3% OXYGEN CONTENT BY VOLUME IN WASTE GAS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 ON THE DISPOSAL OF WASTE OILS. (75/439/EEC).</p> <p><u>Reference</u> : OJEC**,L194,,23,1975 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**,L42,,43,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD	ADDIT	MXL	<p>NOT MORE THAN 100 MG/KG EACH OF ANTIMONY, COPPER, CHROMIUM, ZINC OR BARIUM SULPHATE, OR 200 MG/KG OF ALL TOGETHER MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY CHROMIUM(VI) COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ AQ	EMI MARIN	RSTR RSTR	<p>CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO STRICTLY LIMIT POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DECISION OF 3 MARCH 1975 CONCLUDING THE CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES. (75/437/EEC).</p> <p><u>Reference</u> : OJEC**,L194,,5,1975 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Chromium

RTECS Number : GB4200000

CAS Number : 7440-47-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ	DRINK	RQR	QUALITY STANDARD FOR TOTAL CHROMIUM IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.05 MG CR/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN. <u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC) <u>Reference</u> : OJEC**,L194,,26,1975 <u>Effective Date</u> : 25JUL1977 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AQ	EMI	RSTR	MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY.(APPLIES TO THE ELEMENT AND ITS COMPOUNDS) <u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC) <u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987
EEC	REG	WASTE	-	RQR	WASTE CONTAINING OR CONTAMINATED BY CHROMIUM (VI) COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993). <u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC). <u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
EEC	REG	AQ	MARIN	RQR	QUALITY STANDARDS FOR SHELLFISH WATERS: THE CONC. OF THE METALS: SILVER, ARSENIC, CADMIUM, CHROMIUM, COPPER, MERCURY, NICKEL, LEAD AND ZINC (TAKING SYNERGISTIC EFFECTS INTO CONSIDERATION) MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD THEY AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD: AAS). MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH. SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN. <u>Title</u> : COUNCIL DIRECTIVE OF 30 OCTOBER 1979 ON THE QUALITY REQUIRED OF SHELLFISH WATERS. (79/923/EEC). <u>Reference</u> : OJEC**,L281,,47,1979 <u>Effective Date</u> : 10NOV1981 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AQ	GRND	RQR	MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES. <u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC). <u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AQ	EEC	MAC	MAC : 50 UG CR/L, GL : - (ATOMIC ABSORPTION-ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN <u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC). <u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983

Common Name : Chromium

RTECS Number : GB4200000

CAS Number : 7440-47-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR TOTAL CHROMIUM IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS AAS AND MAS. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p><u>Reference</u> : OJEC**L271,,44,1979 <u>Effective Date</u> : 09OCT1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	SOIL - USE SLUDG	EEC AGRIC - AGRIC	MXL - RQR RSTR	<p>LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SOIL: NOT YET FIXED. LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SLUDGE FOR USE IN AGRICULTURE: NOT YET FIXED. LIMIT VALUE FOR AMOUNT OF THE SUBSTANCE WHICH MAY BE ADDED ANNUALLY TO AGRICULTURAL LAND: NOT YET FIXED. THE CONDITIONS FOR THE USE OF SEWAGE SLUDGE CONTAINING ONE OR MORE HEAVY METALS IN AGRICULTURE ARE GIVEN; THE METHODS FOR SAMPLING AND ANALYSIS OF SEWAGE SLUDGE AND SOIL ARE ALSO LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON THE PROTECTION OF THE ENVIRONMENT, AND IN PARTICULAR OF THE SOIL, WHEN SEWAGE SLUDGE IS USED IN AGRICULTURE. (86/278/EEC).</p> <p><u>Reference</u> : OJEC**L181,,6,1986 <u>Effective Date</u> : 12JUN1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	<p>EMISSION LIMIT VALUES IN MG/NM3 AS A FUNCTION OF THE NOMINAL CAPACITY OF THE INCINERATION PLANT: - (LESS THAN 1 TONNE/H); 5 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 5 (3 TONNES/H OR MORE). THESE EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE: 101,3 KPA, 11% OXYGEN OR 9% CO2, DRY GAS SHALL APPLY TO NEW MUNICIPAL WASTE INCINERATION PLANTS. (APPLIES TO THE SUM OF MANGANESE, LEAD, CHROMIUM AND COPPER).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 8 JUNE 1989 ON THE PREVENTION OF AIR POLLUTION FROM NEW MUNICIPAL WASTE INCINERATION PLANTS. (89/369/EEC).</p> <p><u>Reference</u> : OJEC**L163,,32,1989 <u>Effective Date</u> : 01DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	WASTE AQ MONIT	- MARIN METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES MUST MANDATORILY REQUIRE THE MONITORING OF CR IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR CR IN NON-FILTERED OR IN FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AND IN SEDIMENTS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE AQ MONIT	- FRESH METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO FRESH SURFACE WATER MEMBER STATES MUST MANDATORILY REQUIRE THE MONITORING OF CR IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR CR IN NON-FILTERED OR FILTERED WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	<p>EMISSION LIMIT VALUES IN MG/NM3 AS A FUNCTION OF THE NOMINAL CAPACITY OF THE INCINERATION PLANT: - (LESS THAN 1 TONNE/H); 5 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 5 (3 TONNES/H OR MORE). THESE EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE: 101,3 KPA, 11% OXYGEN OR 9% CO2, DRY GAS SHALL APPLY TO ALL EXISTING MUNICIPAL WASTE INCINERATION PLANTS AS OF 01DEC2000 AND FOR PLANTS WITH A NOMINAL CAPACITY OF 6 TONNES/H OR MORE AS OF 01DEC1996. MONITORING REQUIREMENTS ARE DEFINED. (APPLIES TO THE SUM OF MANGANESE, LEAD, CHROMIUM AND COPPER).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON THE REDUCTION OF AIR POLLUTION FROM EXISTING MUNICIPAL WASTE INCINERATION PLANTS. (89/429/EEC).</p> <p><u>Reference</u> : OJEC**L203,,50,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>

Common Name : **Chromium**RTECS Number : **GB4200000**CAS Number : **7440-47-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF HEAVY METALS OR THEIR COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p><u>Reference</u> : OJEC**,L188,,20,1984 <u>Effective Date</u> : 30JUN1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE SOIL MONIT	- - METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED (STORED OR DUMPED) ONTO LAND OR INJECTED INTO SOIL, MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CR IN UNFILTERED SURFACE AND GROUND WATER AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR MAS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**,L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE PRODUCTION OF ANY COMPOUND OF CHROMIUM, WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	WASTE		RQR	<p>ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THE SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING HEXAVALENT CHROMIUM COMPOUNDS.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980</p> <p><u>Reference</u> : GBRSI*,1709,,1980 <u>Effective Date</u> : 16MCH1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1986</p>
GBR	REG	FOOD AQ	DRINK	RQR MRL	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL GIVE SATISFACTORY EVIDENCE TO THE RELEVANT AUTHORITY TO SHOW THAT THE WATER CONTAINS NO TOXIC SUBSTANCE SUCH AS CHROMIUM IN AN AMOUNT EXCEEDING 50UG/L. THE RESULTS SHOULD BE EXPRESSED IN CR UG/L.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,71,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>50UG CR/L IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1147,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1837,,1991 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>50UG CR/L IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Chromium

RTECS Number : GB4200000

CAS Number : 7440-47-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ AQ	SURF DRINK	CLASS RQR	<p>IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW1 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05 MG/L CR (TOTAL), DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05 MG/L CR (TOTAL), OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05 MG/L CR (TOTAL), PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC.</p> <p><u>Title :</u> THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference :</u> GBRSI*,1148,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF CHROMIUM OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM, CONTAINS, EXCEEDS 2.0% AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AIR	OCC	OES	<p>FOR CHROMIUM: 8H-TWA: 0.5 MG/M3. FOR CHROMIUM (II) COMPOUNDS: 8H-TWA: 0.5 MG/M3 (AS CR). FOR CHROMIUM (III) COMPOUNDS: 8H-TWA: 0.5 MG/M3 (AS CR).</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
GBR	REG	GOODS SAFTY	CONSM CONSM	HLV HLV	<p>FOR THE PROTECTION OF CHILDREN'S HEALTH, BIOAVAILABILITY RESULTING FROM THE USE OF TOYS MUST NOT EXCEED 0.3 UG/DAY. THIS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/378/EEC.</p> <p><u>Title :</u> THE TOY (SAFETY) REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,1275,,7,1989 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO WATER SOLUBLE CHROMIUM COMPOUNDS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 10 KG/YEAR (CALCULATED AS CR) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN.</p> <p><u>Title :</u> THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989</p> <p><u>Reference :</u> GAZIN*,465,,1,1989 <u>Effective Date :</u> 28JUL1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>

Common Name : Chromium

RTECS Number : GB420000

CAS Number : 7440-47-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO CHROMIUM AND ITS COMPOUNDS).</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>CHROMIUM METAL AND CHROMIUM(3+) COMPOUNDS: TWA: 0.5 MG/M3; CHROMIUM(6+) COMPOUNDS NOT INCLUDED IN THE LIST OF CARCINOGENS: TWA: 0.05 MG/M3; CHROMIUM(6+) COMPOUNDS INCLUDED IN THE LIST OF CARCINOGENS: TWA: 0.01 MG/M3. (ALL VALUES ARE CALCULATED AS CR).</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 2 MG/L</p> <p><u>Title</u> : NATIONAL EFFLUENT STANDARDS</p> <p><u>Reference</u> : QEJPN*,,,352-253,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	FOOD	-	MPC	<p>LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 0.3 MG/KG; MEAT PRODUCTS: 0.2 MG/KG; MILK PRODUCTS: 0.1 MG/KG; CEREALS: 0.2 MG/KG; VEGETABLES: 0.2 MG/KG; FRUITS: 0.1 MG/KG; BEVERAGES: 0.1 MG/KG (APPLIES TO CHROMIUM AND ITS COMPOUNDS, CALCULATED AS CHROMIUM)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : OCT1981</p> <p><u>Last Amendment</u> : VGNEP*,2450-81,,,1982 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	SOIL	-	MAC	<p>0.05 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : OCT1980</p> <p><u>Last Amendment</u> : PDKCP*,2264-80,,,1980 <u>Entry / Update</u> : OCT1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.5 MG/M3 OF CHROMIUM AND ITS INORGANIC COMPOUNDS EXCEPT CHROMIC ACID AND CHROMATES, CALCULATED AS CR.</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : **Chromium**RTECS Number : **GB420000**CAS Number : **7440-47-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	USE USE	PESTI INDST	PRMT PRMT	<p>CHROMIUM COMPOUNDS MAY BE USED ONLY AS WOOD PRESERVATIVE FOR INDUSTRIAL PRESSURE TREATMENTS OF WOOD THAT WILL BE USED IN CONSTANT CONTACT WITH SOIL OR WATER AND THUS REQUIRES LONGLASTING PROTECTION AGAINST ROT, INSECTS AND MARINE ORGANISMS.</p> <p><u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S REGULATIONS ON PRESERVATIVE-TREATED WOOD. KEMIKALIEINSPEKTIONENS FORESKRIFTER OM TRASKYEDDSBEHANDLAT VIRKE.</p> <p><u>Reference</u> : KIFS**,1990:10,,,1990 <u>Effective Date</u> : 1 JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AQ	DRINK	MPC	<p>0.1 MG/L FOR COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61. COMPLIANCE IS CALCULATED PURSUANT TO 40 CFR 141.23.MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>5.0 MG/L.THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEA CH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p><u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>CONCENTRATION LIMITS IN GROUND WATER FOR HAZARDOUS CONSTITUENTS, ESTABLISHED UNDER SEC 264.93, MUST NOT EXCEED THE BACKGROUND LEVEL SET AT THE INITIAL TESTING. IF THE BACKGROUND LEVEL AT THE INITIAL TESTING TIME IS BELOW 0.05 MG/L THIS SUBSTANCE MUST NO T EXCEED 0.05 MG/L IN FUTURE TESTING 40 CFR 264.94 (1990)THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	CONSM	MPC	<p>0.05 MG/LBOTTLED WATER SHALL, WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN 21 CFR 103.35(D) (1) (II), MEET STANDARDS OF CHEMICAL QUALITY AND SHALL NOT CONTAIN CHEMICAL SUBSTANCES IN EXCESS OF THE FOLLOWI NG CONCENTRATIONS.</p> <p><u>Title</u> : FEDERAL FOOD, DURG AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS: BOTTLED WATER</p> <p><u>Reference</u> : FEREAC,42,,14325,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,103,35,1989 <u>Entry / Update</u> : NOV1991</p>
WHO	REC	AQ	DRINK	GL	<p>0.05 MG/L (PROVISIONAL GUIDELINE VALUE). THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : Chromium (VI)

RTECS Number : GB6262000

CAS Number : 18540-29-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.05 MG/M3 FOR WATER SOLUBLE COMPOUNDS AND 0.05 MG/M3 FOR WATER INSOLUBLE COMPOUNDS, (CALCULATED AS CR). CARCINOGENIC.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CSK	REG	AQ	SURF DRINK	MAC	<p>0.05 MG/L (APPLIES TO CHROMIUM(VI) COMPOUNDS IN DRINKING WATER RESERVE, CALCULATED AS CR)</p> <p><u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW DETECTION LIMIT II CLASS: BELOW 0.01 MG/L III CLASS: BELOW 0.02 MG/L IV CLASS: BELOW 0.05 MG/L V CLASS: ABOVE 0.05 MG/L (APPLIES TO CR(VI) COMPOUNDS)</p> <p><u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY</p> <p><u>Reference</u> : CSNOR*,757221,,,1989 <u>Effective Date</u> : 01JUL1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	MANUF	OCC	CLASS RQR RSTR	<p>PRODUCTION OF CHROMIUM (VI) COMPOUNDS IS CLASSIFIED AS PROCESS WITH OCCUPATIONAL CARCINOGENIC RISK. REQUIREMENTS AND RESTRICTIONS ON THE PROCESS ARE GIVEN.</p> <p><u>Title</u> : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference</u> : VMZSR*,3,,1985 <u>Effective Date</u> : 1APR1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AQ	SURF	MAC	<p>0.1 MG/L (APPLIES TO CHROMIUM(VI) COMPOUNDS, CALCULATED AS CR)</p> <p><u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT) (APPLIES TO CHROMIUM(VI) COMPOUNDS EXPRESSED AS CHROMIUM)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.2 MG/M3, CALCULATED AS CRO3 IN TOTAL DUST. APPLIES TO CHROMIUM(VI) COMPOUNDS (AS DUSTS/AEROSOLS) IN ARC-WELDING BY HAND WITH COATED ELECTRODES. 8H-TWA: 0.1 MG/M3, CALCULATED AS CRO3 IN TOTAL DUST. APPLIES TO CHROMIUM(VI) COMPOUNDS (AS DUSTS/AEROSOLS) IN ALL OTHER CASES. THE LOWER TRK VALUE IS BASED ON THE LOWEST LEVEL PRODUCING AN EFFECT. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRLICHE STOFFE")</p> <p><u>Reference</u> : BNDS6,,2,120,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : BNDS6,,11,52,1991 <u>Entry / Update</u> : JAN1992</p>

Common Name : Chromium (VI)

RTECS Number : GB6262000

CAS Number : 18540-29-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CHROMIUM(VI) COMPOUNDS AS DUSTS/AEROSOLS, WITH THE EXCEPTION OF THOSE PRACTICALLY INSOLUBLE IN WATER SUCH AS LEAD CHROMATE, BARIUM CHROMATE AND ZINC CHROMATE.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>CHROMIUM(VI) COMPOUNDS IN RESPIRABLE FORM, AS CALCIUM CHROMATE, CHROMIUM(III) CHROMATE, STRONTIUM CHROMATE AND ZINC CHROMATE (CALCULATED AS CHROMIUM) BELONG TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF > = 5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	WASTE EXPR IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY CHROMIUM(VI) COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL. WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	WASTE	-	RQR	<p>WASTE CONTAINING OR CONTAMINATED BY CHROMIUM (VI) COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC).</p> <p><u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO CHROMIUM (VI) COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Chromium (VI)

RTECS Number : GB6262000

CAS Number : 18540-29-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	MEL	8H-TWA: 0.05 MG/M3 (AS CR) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 0.05 MG/M3 (APPLIES TO CHROMIUM (6+) COMPOUNDS WHICH ARE NOT INCLUDED IN THE LIST OF CARCINOGENS); TWA: 0.01 MG/M3 (APPLIES TO CHROMIUM (6+) COMPOUNDS WHICH ARE INCLUDED IN THE LIST OF CARCINOGENS). <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
JPN	REG	AQ	AMBI	MXL	STANDARD VALUE (MAXIMUM VALUE): 0.05 MG/L OR LESS <u>Title</u> : ENVIRONMENTAL QUALITY STANDARD FOR WATER <u>Reference</u> : QEJPN*,,,337,1989 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
JPN	REG	AQ	EMI	MXL	MAXIMUM LIMIT: 0.5MG/L OF CHROMIUM (VI) COMPOUNDS <u>Title</u> : NATIONAL EFFLUENT STANDARDS <u>Reference</u> : QEJPN*,,,352-253,1989 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
JPN	REG	AQ	DRINK	MXL	THE CONCENTRATION OF CHROMIUM(6+) IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 0.05 MG/L <u>Title</u> : THE WATER WORKS LAW <u>Reference</u> : JPNWW*,,,1957 <u>Effective Date</u> : 16JUL1958 <u>Last Amendment</u> : JPNWW*,,,1979 <u>Entry / Update</u> : DEC1991
MEX	REG	AQ	AMBI	MPC	0.01 MG/L IN ESTUARIES <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AQ	AMBI	MPC	0.001 MG/L IN COASTAL WATERS <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982

Common Name : Chromium (VI)

RTECS Number : GB6262000

CAS Number : 18540-29-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AQ	AMBI	MPC	<p>1) 0.05 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION 2) 0.1 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES 3) 5.00 MG/L IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX* ,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX* ,,,,1989 <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX* ,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX* ,,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	AMBI	MAC	<p>0.0015 MG/M3 IX/D, 0.0015 MG/M3 AV/D (CALCULATED AS CHROMIUM TRIOXIDE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,1984 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.05MG/L (APPLIES TO CHROMIUM (6+) INORGANIC COMPOUNDS, CALCULATED AS CHROMIUM) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990</p>
SWE	REG	MANUF IMPRT SALE LABEL	CONSM	RQR RQR RQR RQR	<p>ANYONE PROFESSIONALLY MANUFACTURING, IMPORTING OR TRANSFERRING CEMENT, MASONRY CEMENT OR MIXED-CEMENT MORTAR, CONCRETE MASS OR OTHER UNHARDENED PRODUCT THAT CONTAINS CEMENT SHALL ENSURE THAT ITS CONTENT OF WATER-SOLUBLE HEXAVALENT CHROMIUM IS AS LOW AS POSSIBLE WHEN IT IS SUPPLIED FOR USE. WHEN TRANSFERRED, SUCH CEMENT SHALL BE LABELLED WITH INFORMATION OF PACKING DATE, SUITABLE METHOD OF STORAGE, AND STORAGE PERIOD DURING WHICH THE ADDITIVE REMAINS EFFECTIVE AND POSSIBLE RISK OF ECZEMA ARISING FROM REPEATED USE AFTER THAT DATE.</p> <p><u>Title</u> : THE NATIONAL CHEMICALS INSPECTORATE'S REGULATIONS WITH RESPECT TO CHROMIUM IN CEMENT. KEMIKALIEINSPEKTIONENS FORESKRIFTER OM KROM I CEMENT.</p> <p><u>Reference</u> : KIFS**,1989:2,,1989 <u>Effective Date</u> : 1 JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
UN	REG	WASTE EXPRT IMPRT		RSTR RQR RQR	<p>WASTES HAVING AS CONSTITUENTS HEXAVALENT CHROMIUM COMPOUNDS SHALL BE "HAZARDOUS WASTES" FOR THE PURPOSES OF THIS CONVENTION. THE GENERATION AND THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES SHALL BE KEPT TO A MINIMUM. EXPORTATION OF SUCH WASTES IS ALLOWED ONLY IF THE EXPORTING STATE CANNOT DISPOSE THE WASTE PROPERLY OR THE WASTE IS REQUIRED AS RAW MATERIAL FOR RECYCLING BY THE IMPORTING COUNTRY; THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES IS SUBJECT TO NOTIFICATION BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY AND TO CONSENT BY THE COMPETENT AUTHORITY OF THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES.</p> <p><u>Title</u> : Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : ISBC1* ,,,,1989 <u>Entry / Update</u> : MAY1992</p>

Common Name : Chromium (VI)**RTECS Number :** GB6262000**CAS Number :** 18540-29-9

Area Type Subject Spec. Description Level / Summary Information :

USA REC AIR OCC TLV

TIME WEIGHTED AVG (TWA) 0.05 MG/M3, WATER SOLUBLE; 0.05 MG/M3, CERTAIN WATER INSOLUBLE; A1. A1=CONFIRMED HUMAN CARCINOGEN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.

Title : THRESHOLD LIMIT VALUES**Reference :** ACGIH*,11,1989**Effective Date :** 1989**Last Amendment :** ACGIH*,11,1991**Entry / Update :** DEC1991

Common Name : Chromium (III) Chloride, Hexahydrate

RTECS Number : GB5450000

CAS Number : 10060-12-5

Area Type Subject Spec. Description Level / Summary Information :

RUS REG AIR OCC MAC CLASS CLV: 0.01MG/M3 (AS CR) (AEROSOL) HAZARD CLASS: I

Title :

Reference :

Last Amendment : GOSTS*,12.1.005,,1988

Effective Date : 01JAN1989

Entry / Update : MAY1990

Common Name : **Chromium Nitrate**RTECS Number : **GB6280000**CAS Number : **13548-38-4**Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2720. CLASS (5.1): OXIDIZER. PACKING GROUP III. (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2720</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2720</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR	<p>; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference :</u> FEREAC,42,,14534,1977 <u>Effective Date :</u> 1977</p> <p><u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Entry / Update :</u> NOV1991</p>

Common Name : Coal Tar Oils

RTECS Number : GF8615000

CAS Number : 8001-58-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS INSECTICIDE; WOOD PRESERVATIVE. (FORMULATION: IMPREGNATED FABRIC; LIQUID; PASTE; SOLUTION). CODE CRT. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER POISONOUS LIQUIDS, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO ALL ISOMERS)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR DOMESTIC, COMMERCIAL USE AS HARD-SURFACE DISINFECTANT; INSECTICIDE. (FORMULATION: SOLUTION). CODE COO. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
GBR	REG	TRNSP AQ AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR MAC	<p>CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO CREOSOTE DERIVED FROM WOOD).</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>
GBR	REG	TRNSP AQ AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR MAC	<p>CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (THIS APPLIES TO CREOSOTE DERIVED FROM COAL TAR).</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>

Common Name : Coal Tar Oils

RTECS Number : GF8615000

CAS Number : 8001-58-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>I (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, COAL TAR/CREOSOTE, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME COAL TAR CHEMICALS: USES OTHER THAN WOOD PRESERVING. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA CALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C.</p> <p><u>Reference :</u> FEREAC,54,140,30846,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,140,30846,1989 <u>Entry / Update :</u> JAN1992</p>

Common Name : Cobalt

RTECS Number : GF8750000

CAS Number : 7440-48-4

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 0.05 MG/M3 (APPLIES TO METAL FUMES AND DUST, CALCULATED AS CO). POTENTIAL CARCINOGEN. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REC	WASTE AQ	EMI	GL	THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 0.1 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE. A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES. <u>Title :</u> <u>Reference :</u> CCMEEC,,,,,1989 <u>Effective Date :</u> AUG1989 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CAN	REG	AIR	OCC	TLV	(INTENDED CHANGES - METAL DUST AND FUME, AS CO - TWA: 0.01 MG/M3). PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO COBALT ELEMENTAL) <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CSK	REG	AIR	OCC	MAC	TWA: 0.05 MG/M3; CLV: 0.1 MG/M3 (CALCULATED AS CO) (APPLIES TO COBALT AND ITS COMPOUNDS) <u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT <u>Reference :</u> HPMZC*,39,,,1978 <u>Effective Date :</u> MCH1985 <u>Last Amendment :</u> HPMZC*,58,,,1985 <u>Entry / Update :</u> DEC1991
CSK	REG	WASTE	INDST	CLASS RQR	THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE. <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE <u>Reference :</u> SZCSR*,.,69,1650,1991 <u>Effective Date :</u> 1AUG1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : **Cobalt**RTECS Number : **GF8750000**CAS Number : **7440-48-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information
CSK	REG	AIR	EMI	MXL	EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 2 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 2 MG/M3 (ALL LIMITS APPLY TO SUM OF ARSENIC, NICKEL, CHROMIUM AND COBALT AT COMBUSTION GAS AT NORMAL CONDITIONS: PRESSURE - 101.32 KPA, TEMPERATURE - 0 C) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	FEED	-	MXL	MXL: 2.0 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.2-6.0 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS) <u>Title</u> : NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH <u>Reference</u> : SZCSR*,25,609,1987 <u>Effective Date</u> : 1JAN1988 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	SURF	CLASS	SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.01 MG/L II CLASS: BELOW 0.02 MG/L III CLASS: BELOW 0.05 MG/L IV CLASS: BELOW 0.1 MG/L V CLASS: ABOVE 0.1 MG/L <u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY <u>Reference</u> : CSNOR*,757221,,1989 <u>Effective Date</u> : 01JUL1990 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT) (APPLIES TO COBALT AND ITS COMPOUNDS EXPRESSED AS COBALT) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REC	AIR	OCC	MAK	DANGER OF SENSITIZATION. CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO COBALT AND BIOAVAILABLE COBALT COMPOUNDS (AS INSPIRABLE DUSTS/AEROSOLS). <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REC	AIR	OCC	TRK	A) 8H-TWA: 0.5 MG/M3, CALCULATED AS CO IN TOTAL DUST. APPLIES TO COBALT IN THE FORM OF COBALT METAL, COBALT OXIDE AND COBALT SULFIDE IN THE PRODUCTION OF COBALT POWDER AND CATALYSTS, HARD METAL AND MAGNET PRODUCTION (PROCESSING OF POWDER, MACHINE PRESSING AND MECHANICAL PROCESSING OF UNSINTERED ARTICLES). B) 8H-TWA: 0.1 MG/M3, CALCULATED AS CO IN TOTAL DUST. APPLIES TO COBALT IN THE FORM OF COBALT METAL, COBALT OXIDE AND COBALT SULFIDE IN ALL OTHER CASES. IT IS RECOMMENDED THAT THE TRK VALUE BE APPLIED IN GENERAL FOR COBALT AND ITS COMPOUNDS. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.) <u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAEHRliche STOFFE") <u>Reference</u> : BNDS6,,2,120,1990 <u>Effective Date</u> : <u>Last Amendment</u> : BNDS6,,11,52,1991 <u>Entry / Update</u> : JAN1992
DEU	REC	AQ	GRND	CLASS	COBALT AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991

Common Name : Cobalt

RTECS Number : GF8750000

CAS Number : 7440-48-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE TOTAL CONCENTRATION OF DUSTS OF ARSENIC, COBALT, NICKEL, SELENIUM AND TELLURIUM AS WELL AS THEIR INORGANIC COMPOUNDS (I.E. THE CLASS II INORGANIC DUSTS) MUST NOT EXCEED 1 MG/M3 (CALCULATED AS THE METAL) AT A MASS FLOW OF ≥ 5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>COBALT IN THE FORM OF RESPIRABLE DUSTS/AEROSOLS OF COBALT METAL OR INSOLUBLE COBALT SALTS (CALCULATED AS COBALT) BELONG TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF ≥ 5 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH COBALT METAL IN RESPIRABLE FORM IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH COBALT METAL IN RESPIRABLE FORM CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF COBALT METAL IN RESPIRABLE FORM ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	FEED	ADDIT	PRMT	<p>COBALT MAY BE ADDED AS A TRACE ELEMENT IN THE FORMS OF COBALTOUS ACETATE TETRAHYDRATE, BASIC COBALTOUS CARBONATE MONOHYDRATE, COBALTOUS CHLORIDE HEXAHYDRATE, COBALTOUS SULFATE HEPTAHYDRATE, COBALTOUS SULFATE MONOHYDRATE, COBALTOUS NITRATE HEXAHYDRATE (EEC NO. E3) TO FEEDING STUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES. LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319,13,1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE REQUIRED TO NOTIFY THE COMPETENT AUTHORITIES. THE INFORMATION TO BE SUBMITTED IN THE NOTIFICATION IS DESCRIBED. SPECIFIED QUANTITIES: 1 TONNE AND ABOVE. (THIS APPLIES TO COBALT METAL, OXIDES, CARBONATES, SULPHIDES, AS POWDERS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**,L230,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO COBALT COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : -, GL : - REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : **Cobalt**RTECS Number : **GF8750000**CAS Number : **7440-48-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE COBALT (POWDERS, COMPOUNDS) (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : SEP1992</p>
GBR	REG	AQ	DRINK	RQR	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THE RELEVANT AUTHORITIES GIVING THE CONCENTRATION OF COBALT EXPRESSED AS CO MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,71,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.1 MG/M3 (APPLIES TO COBALT AND ITS COMPOUNDS, AS CO).(TO BE REVIEWED)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

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CAS Number : 7440-48-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 1 T. (APPLIES TO COBALT (METAL, OXIDES, CARBONATES, SULPHIDES, AS POWDERS))</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.1 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.01 MG/L; SEAWATER : 0.005 MG/L (APPLIES TO COBALT INORGANIC COMPOUNDS, CALCULATED AS COBALT)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,1978 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.1 MG/L (APPLIES TO COBALT AND ITS INORGANIC COMPOUNDS, CALCULATED AS COBALT) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (AEROSOL) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.001 MG/M3 AV/D (APPLIES TO METALLIC COBALT)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.05 MG/M3 APPLIES TO COBALT AND ITS INORGANIC COMPOUNDS, CALCULATED AS CO. SENSITIZING.</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Cobalt

RTECS Number : GF8750000

CAS Number : 7440-48-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	20 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,72,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,72,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /METAL DUST & FUME/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). (APPLIES ALSO TO ITS COMPOUNDS) <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. (APPLIES ALSO TO ITS COMPOUNDS) <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991

Common Name : **Copper**RTECS Number : **GL5325000**CAS Number : **7440-50-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.2 MG/M3 OF FUMES AND 1 MG/M3 OF DUST AND FOG.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 10-15 MG/KG; SECURITY INTERVAL: 1-30 DAYS; PROVISIONAL TOXICITY CLASS: IV (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. (APPLIES TO COPPER BASED FUNGICIDES)</p> <p><u>Title</u> : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,,,8,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 0.1 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CCMEEC,,,,1989 <u>Effective Date</u> : AUG1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CAN	REC	AQ	EMI	GL	<p>SCHEDULE 1 - OBJECTIVES FOR SUBSTANCES: MAX. TOTAL CONCENTRATION - 1.0 MG/L. PRESCRIBED BY THE METAL FINISHING LIQUID EFFLUENT GUIDELINES, WHICH FALL UNDER THE FISHERIES ACT (ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND THE ENVIRONMENT). THE INTENT OF THESE GUIDELINES IS TO CONTROL THE DISCHARGE OF LIQUID EFFLUENTS FROM THE PORTION OF THE METAL FINISHING INDUSTRY WHICH INCLUDES ELECTROPLATING, ELECTROFORMING, ANODIZING, ELECTROCHEMICAL MACHINING, ELECTROCHEMICAL POLISHING, ELECTROLESS PLATING, CHROMATING AND CYANIDE HARDENING. THEY SET OBJECTIVES FOR THE MAXIMUM CONCENTRATION OF CERTAIN SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAE0,111,,5957,1977 <u>Effective Date</u> : NOV1977</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CAN	REC	AQ	DRINK	GL MAC	<p>AESTHETIC OBJECTIVE (AO) = < 1.0 MG/L. UNDER REVIEW. THE LEVELS ARE SET BY THE GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>

Common Name : Copper

RTECS Number : GL5325000

CAS Number : 7440-50-8

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	AQ	EMI WASTE	MXL	<p>SCHEDULE I - PART I - AUTHORIZED LEVELS OF SUBSTANCE - MAXIMUM AUTHORIZED MONTHLY ARITHMETIC MEAN CONCENTRATION: 0.3 MG/L; MAXIMUM AUTHORIZED CONCENTRATION IN A COMPOSITE SAMPLE: 0.45 MG/L; MAXIMUM AUTHORIZED CONCENTRATION IN A GRAB SAMPLE: 0.6 MG/L. SCHEDULE I - PART II - AUTHORIZED LEVELS OF PH - MINIMUM AUTHORIZED MONTHLY ARITHMETIC MEAN PH: 6.0; MINIMUM AUTHORIZED PH IN A COMPOSITE SAMPLE: 5.5; MINIMUM AUTHORIZED PH IN A GRAB SAMPLE: 5.0. THESE LIMITS ARE PRESCRIBED BY THE METAL MINING LIQUID EFFLUENT REGULATIONS WHICH FALL UNDER THE FISHERIES ACT, ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND OCEANS. THEY AUTHORIZE THE DEPOSIT OF DELETERIOUS SUBSTANCES IN LIQUID EFFLUENTS ENTERING WATERFREQUENTED BY FISH FROM A MINE, IN SPECIFIED LEVELS. THEY ALSO INDICATE THE FREQUENCY OF SAMPLING AND ANALYSIS FOR THESE SUBSTANCES, DEPENDING ON THEIR CONCENTRATION.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CRCAEL,7,819,5145,1978 <u>Effective Date :</u> 25FEB1977</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT (NOT OTHERWISE SPECIFIED). THEWORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTEREDBY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCTOF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. (APPLIES ALSO TO COPPER ELEMENTAL)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>FUME - TWA: 0.2 MG/M3; DUST AND MISTS, AS CR- TWA: 1 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.1 MG/L (APPLIES TO COPPER AND ITS COMPOUNDS)</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	GOODS	-	RSTR MXL	<p>MAXIMUM LIMITS IN COSMETICS: 50 MG/G (CALCULATED AS CU) (APPLIES TO HAIR DYES; COPPER COMPOUNDS ARE PROHIBITED IN OTHER COSMETICS)</p> <p><u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference :</u> HPMZC*,32,,1970 <u>Effective Date :</u> 1JAN1971</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.1-100.0 MG/KG (SPECIFIED FOOD PRODUCTS); 1.0-30.0 MG/KG (SPECIFIED BEVERAGES). (APPLIES TO COPPER AND ITS COMPOUNDS).</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 10-20 MG/KG (CALCULATED AS CU).</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991</p>

Common Name : **Copper**RTECS Number : **GL5325000**CAS Number : **7440-50-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AQ	SURF DRINK	MAC	0.05 MG/L (APPLIES TO COPPER AND ITS COMPOUNDS IN DRINKING WATER RESERVE) <u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION <u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	SURF	MAC	0.1 MG/L (APPLIES TO COPPER AND ITS COMPOUNDS) <u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION <u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	WASTE	INDST	CLASS RQR	THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE. <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE <u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	AIR	EMI	MXL	EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 5 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 5 MG/M3 (ALL LIMITS APPLY TO SUM OF LEAD, COPPER, AND MANGANESE AT COMBUSTION GAS AT NORMAL CONDITIONS: PRESSURE - 101.32 KPA, TEMPERATURE - 0 C) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO COPPER AND ITS COMPOUNDS EXPRESSED AS COPPER) <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	SLUDG USE	AGRIC	MAC	MAC IN INDUSTRIAL COMPOSTS: 1200 MG/KG (APPLIES TO COMPOST COMPONENTS); 100 MG/KG (APPLIES TO 1.CLASS COMPOST); 400 MG/KG (APPLIES TO 2.CLASS COMPOST - NOT ALLOWED TO USE FOR GROWING OF PRODUCTS FOR DIRECT CONSUMPTION) <u>Title</u> : INDUSTRIAL COMPOST <u>Reference</u> : CSNOR*,465735,,1991 <u>Effective Date</u> : 1JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
CSK	REG	FEED	-	MXL	MXL: 12 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF FOR SHEEP), 30 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF FOR CALVES), 50 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF FOR CATTLE AND POULTRY), 125 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF FOR PIGS), 5-100 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS) <u>Title</u> : NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH <u>Reference</u> : SZCSR*,25,609,1987 <u>Effective Date</u> : 1JAN1988 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	SURF	CLASS	SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.02 MG/L II CLASS: BELOW 0.05 MG/L III CLASS: BELOW 0.1 MG/L IV CLASS: BELOW 0.2 MG/L V CLASS: ABOVE 0.2 MG/L <u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY <u>Reference</u> : CSNOR*,757221,,1989 <u>Effective Date</u> : 01JUL1990 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AQ	GRND	CLASS	COPPER AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991

Common Name : **Copper**RTECS Number : **GL5325000**CAS Number : **7440-50-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>A) APPLIES TO COPPER. 8H-TWA: 1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 2 MG/M3; AVERAGE VALUE; 4X/SHIFT. B) APPLIES TO COPPER FUME. 8H-TWA: 0.1 MG/M3, CALCULATED AS FINE DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.2 MG/M3; AVERAGE VALUE; 4X/SHIFT. FINE DUST IS DEFINED AS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AQ AQ	EMI EMI	RQR TLV	<p>WASTE WATER CHARGES ARE LEVIED BY THE FEDERAL STATES WHEN WASTE WATER DISCHARGED INTO A WATER BODY EXCEEDS THE THRESHOLD VALUES FOR COPPER AND COPPER COMPOUNDS OF 100 UG/L AND AN ANNUAL AMOUNT OF 5 KG. THE CHARGE PER HARMFUL UNIT WHICH CORRESPONDS TO 1000 G OF COPPER AND COPPER COMPOUNDS AMOUNTS TO 50 GERMAN MARKS SINCE 01 JANUARY 1991. IT WILL BE INCREASED EVERY SECOND YEAR UP TO 90 GERMAN MARKS AS OF 01 JANUARY 1999.</p> <p><u>Title</u> : SEWAGE CHARGE LAW (ABWASSERABGABENGESETZ)</p> <p><u>Reference</u> : BGZBAD,,I,2432,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE TOTAL CONCENTRATIONS OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TIN AS WELL AS THEIR INORGANIC COMPOUNDS AND SOLUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5 MG/M3 (CALCULATED AS THE METAL OR CN OR F) AT A MASS FLOW OF >= 25 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AQ	DRINK	GL	<p>3 MG/L (CALCULATED AS CU) CORRESPONDING TO ABOUT 47 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.3 MG/L. THE GUIDELINE LEVEL APPLIES AFTER A 12 HOUR STAGNATION. WITHIN 2 YEARS AFTER THE INSTALLATION OF COPPER PIPES THE GUIDELINE LEVEL IS VALID WITHOUT CONSIDERATION OF THE STAGNATION.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 20.0 - 1000.0 MG/KG. OTHER PLANT PRODUCTS: 10.0 MG/KG. APPLIES TO THE SUM OF COPPER CARBONATE, COPPER CHLORIDE, COPPER HYDROXIDE, COPPER LIME (BORDEAUX MIXTURE), COPPER LIGNINE COMPOUND, COPPER OXIDE, COPPER OXYCHLORIDE, COPPER OXYDUL, COPPER SODA, AND COPPER SULFATE; CALCULATED AS COPPER.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR COPPER INSURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS AAS, MAS AND POLAROGRAPHY. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p><u>Reference</u> : OJEC**,L271,,44,1979 <u>Effective Date</u> : 09OCT1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD	ADDIT	MXL	<p>ANTIOXIDANTS WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 50 MG/KG OF COPPER AND ZINC TAKEN TOGETHER OF WHICH THE ZINC CONTENT MUST NOT BE HIGHER THAN 25 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 13 JULY 1970 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE ANTIOXIDANTS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION (70/357/EEC).</p> <p><u>Reference</u> : OJEC**,L157,,31,1970 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L24,,41,1987 <u>Entry / Update</u> : OCT1987</p>

Common Name : **Copper**RTECS Number : **GL5325000**CAS Number : **7440-50-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FEED	ADDIT	PRMT	<p>COPPER MAY BE ADDED AS A TRACE ELEMENT IN THE FORMS OF CUPRIC ACETATE MONOHYDRATE, CUPRIC METHIONATE, BASIC CUPRIC CARBONATE MONOHYDRATE, CUPRIC CHLORIDE DIHYDRATE, CUPRIC OXIDE, CUPRIC SULFATE PENTAHYDRATE (EEC NO. E4) TO FEEDINGSTUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES. LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319,13,1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	AQ AQ	EMI MARIN	RSTR RSTR	<p>CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO STRICTLY LIMIT POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DECISION OF 3 MARCH 1975 CONCLUDING THE CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES. (75/437/EEC).</p> <p><u>Reference</u> : OJEC**,L194,,5,1975 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AIR WASTE	EMI REMOV	MXL RQR	<p>EMISSION LIMIT VALUES FOR THE SUBSTANCE EMITTED AS A RESULT OF THE COMBUSTION OF WASTE OILS: 1.5 MG/M3 (SUM OF CHROMIUM, COPPER AND VANADIUM) OR 5.0 MG/M3 (SUM OF CHROMIUM, COPPER, VANADIUM AND LEAD) (APPLIES TO PLANTS WITH A THERMAL INPUT OF 3MW OR MORE). THE LIMIT VALUES INDICATE THE MASS CONCENTRATION OF EMISSIONS OF THE SUBSTANCE IN WASTE GAS IN TERMS OF THE VOLUME OF WASTE GAS IN THE STANDARD STATE, AFTER DEDUCTION OF THE WATER VAPOUR MOISTURE CONTENT AND OF A 3% OXYGEN CONTENT BY VOLUME IN WASTE GAS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 ON THE DISPOSAL OF WASTE OILS. (75/439/EEC).</p> <p><u>Reference</u> : OJEC**,L194,,23,1975 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**,L42,,43,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR COPPER IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.05 MG CU/L FOR SIMPLE WATER TREATMENT METHODS. GUIDELINE VALUES: 0.02 MG CU/L FOR SIMPLE METHODS, 0.05 MG CU/L FOR NORMAL AND 1 MG CU/L FOR INTENSIVE METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)</p> <p><u>Reference</u> : OJEC**,L194,,26,1975 <u>Effective Date</u> : 25JUL1977</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	<p>EMISSION LIMIT VALUES IN MG/NM3 AS A FUNCTION OF THE NOMINAL CAPACITY OF THE INCINERATION PLANT: - (LESS THAN 1 TONNE/H); 5 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 5 (3 TONNES/H OR MORE). THESE EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE; 101,3 KPA, 11% OXYGEN OR 9% CO2, DRY GAS SHALL APPLY TO ALL EXISTING MUNICIPAL WASTE INCINERATION PLANTS AS OF 01DEC2000 AND FOR PLANTS WITH A NOMINAL CAPACITY OF 6 TONNES/H OR MORE AS OF 01DEC1996. MONITORING REQUIREMENTS ARE DEFINED. (APPLIES TO THE SUM OF MANGANESE, LEAD, CHROMIUM AND COPPER).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON THE REDUCTION OF AIR POLLUTION FROM EXISTING MUNICIPAL WASTE INCINERATION PLANTS. (89/429/EEC).</p> <p><u>Reference</u> : OJEC**,L203,,50,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>

Common Name : Copper

RTECS Number : GL5325000

CAS Number : 7440-50-8

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	WASTE	-	RQR	<p>WASTE CONTAINING OR CONTAMINATED BY SOLUBLE COPPER COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC).</p> <p><u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	FOOD	ADDIT	MXL	<p>PRESERVATIVES WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION SHALL NOT CONTAIN MORE THAN 50 MG/KG OF COPPER AND ZINC TOGETHER AND NOT MORE THAN 25 MG/KG OF ZINC ALONE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (65/54/EEC).</p> <p><u>Reference</u> : OJEC**,12,,161/64,1964 <u>Effective Date</u> : 14MAY1977</p> <p><u>Last Amendment</u> : OJEC**,L352,,45,1986 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	FEED	METHD	RQR	<p>METHOD OF ANALYSIS FOR THE DETERMINATION OF THE SUBSTANCE IN FEEDINGSTUFFS IS LAID DOWN. THE SAMPLE IS BROUGHT INTO SOLUTION IN HCL AND THE SUBSTANCE IS DETERMINED BY AAS.</p> <p><u>Title</u> : EIGHTH COMMISSION DIRECTIVE OF 15 JUNE 1978 ESTABLISHING COMMUNITY METHODS OF ANALYSIS FOR THE OFFICIAL CONTROL OF FEEDINGSTUFFS. (78/633/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,43,1978 <u>Effective Date</u> : 01JUN1984</p> <p><u>Last Amendment</u> : OJEC**,L15,,28,1984 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ	FRESH	RQR	<p>QUALITY STANDARD FOR SOLUBLE COPPER COMPOUNDS IN FISH WATERS: A) SALMON-CONTAINING: <0.04 MG CU/L; B) OTHERS (CARP-CONTAINING): <0.04 MG CU/L (REFERENCE METHOD: AAS). MEMBER STATES SHALL DESIGNATE ARTIFICIAL OR NATURAL FRESH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 18 JULY 1978 ON THE QUALITY OF FRESH WATERS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE. (78/659/EEC).</p> <p><u>Reference</u> : OJEC**,L222,,1,1978 <u>Effective Date</u> : 14AUG1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	MARIN	RQR	<p>QUALITY STANDARDS FOR SHELLFISH WATERS: THE CONC. OF THE METALS: SILVER, ARSENIC, CADMIUM, CHROMIUM, COPPER, MERCURY, NICKEL, LEAD AND ZINC (TAKING SYNERGISTIC EFFECTS INTO CONSIDERATION) MUST NOT BE HARMFUL TO SHELLFISH AND LARVAE, NOR SHOULD THEY AFFECT THE HIGH QUALITY OF SHELLFISH PRODUCTS. (REFERENCE METHOD: AAS). MEMBER STATES SHALL DESIGNATE COASTAL AND BRACKISH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT SHELLFISH, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 30 OCTOBER 1979 ON THE QUALITY REQUIRED OF SHELLFISH WATERS. (79/923/EEC).</p> <p><u>Reference</u> : OJEC**,L281,,47,1979 <u>Effective Date</u> : 10NOV1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : **Copper**RTECS Number : **GL5325000**CAS Number : **7440-50-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : -, GL : 100-3000 UG CU/L (ATOMIC ABSORPTION-ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE AQ MONIT	- FRESH METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO FRESH SURFACE WATER MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CU IN NON-FILTERED OR FILTERED WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR POLAROGRAPHY)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**,L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF HEAVY METALS OR THEIR COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p><u>Reference</u> : OJEC**,L188,,20,1984 <u>Effective Date</u> : 30JUN1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY SOLUBLE COPPER COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD	ADDIT	MXL	<p>NOT MORE THAN 100 MG/KG EACH OF ANTIMONY, COPPER, CHROMIUM, ZINC OR BARIUM SULPHATE, OR 200 MG/KG OF ALL TOGETHER MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	AIR WASTE MONIT	EMI REMOV	MXL RQR RQR	<p>EMISSION LIMIT VALUES IN MG/NM3 AS A FUNCTION OF THE NOMINAL CAPACITY OF THE INCINERATION PLANT: - (LESS THAN 1 TONNE/H); 5 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 5 (3 TONNES/H OR MORE). THESE EMISSION LIMIT VALUES, STANDARDIZED AT THE FOLLOWING CONDITIONS: TEMPERATURE 273 K, PRESSURE; 101.3 KPA, 11% OXYGEN OR 9% CO2, DRY GAS SHALL APPLY TO NEW MUNICIPAL WASTE INCINERATION PLANTS. (APPLIES TO THE SUM OF MANGANESE, LEAD, CHROMIUM AND COPPER).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 8 JUNE 1989 ON THE PREVENTION OF AIR POLLUTION FROM NEW MUNICIPAL WASTE INCINERATION PLANTS. (89/369/EEC).</p> <p><u>Reference</u> : OJEC**,L163,,32,1989 <u>Effective Date</u> : 01DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>

Common Name : Copper

RTECS Number : GL5325000

CAS Number : 7440-50-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	WASTE AQ MONIT	- MARIN METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CU IN NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR, AS WELL AS IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR POLAROGRAPHY)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**,L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>WORK INVOLVING EXPOSURE TO DUSTS, FUMES AND SPRAYS PRODUCED DURING THE ROASTING AND ELECTRO-REFINING OF CUPRO-NICKEL MATTES IS A PROCESS BY WHICH WORKERS ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK. IN THIS TYPE OF ACTIVITY, THE RISK TO THE HEALTH AND SAFETY OF WORKERS MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE PROCESS AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS PROCESS. WHERE THE REPLACEMENT OF THE PROCESS IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) OF WHICH THIS SUBSTANCE IS A CONSTITUENT DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE. (APPLIES TO COPPER COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	SOIL - USE SLUDG	EEC AGRIC - - AGRIC	MXL - RQR RSTR	<p>LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SOIL: 50-140 MG/KG OF DRY MATTER IN A REPRESENTATIVE SAMPLE OF SOIL WITH A PH OF 6 TO 7; MEMBER STATES SHALL PROHIBIT THE USE OF SLUDGE WHERE THE CONCENTRATION OF THE SUBSTANCE EXCEEDS THE LIMIT VALUE LAID DOWN. LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SLUDGE FOR USE IN AGRICULTURE: 1000-1750 MG/KG OF DRY MATTER. LIMIT VALUE FOR AMOUNT OF THE SUBSTANCE WHICH MAY BE ADDED ANNUALLY TO AGRICULTURAL LAND: 12KG/HA/YR (BASED ON A 10-YEAR AVERAGE). THE CONDITIONS FOR THE USE OF SEWAGE SLUDGE CONTAINING ONE OR MORE HEAVY METALS IN AGRICULTURE ARE GIVEN; THE METHODS FOR SAMPLING AND ANALYSIS OF SEWAGE SLUDGE AND SOIL ARE ALSO LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON THE PROTECTION OF THE ENVIRONMENT, AND IN PARTICULAR OF THE SOIL, WHEN SEWAGE SLUDGE IS USED IN AGRICULTURE. (86/278/EEC).</p> <p><u>Reference</u> : OJEC**,L181,,6,1986 <u>Effective Date</u> : 12JUN1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	WASTE SOIL MONIT	- - METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED (STORED OR DUMPED) ONTO LAND OR INJECTED INTO SOIL, MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF CU IN UNFILTERED SURFACE AND GROUND WATER AT LEAST 1X/YEAR. (REFERENCE METHODS : AAS OR POLAROGRAPHY)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC**,L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
F/W	REC	FOOD	-	ADI	<p>PROVISIONAL MAXIMUM TOLERABLE DAILY INTAKE: 0.05-0.5 MG/KG BW</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : WHFAAC,17,,6,1982 <u>Entry / Update</u> : APR1991</p>

Common Name : **Copper**RTECS Number : **GL5325000**CAS Number : **7440-50-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ	SURF	CLASS	IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW1 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05 MG/L CU, PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC. <u>Title :</u> THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989. <u>Reference :</u> GBR SI*,1148,,1989 <u>Effective Date :</u> 01SEP1989 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF LEAD OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM, CONTAINS, EXCEEDS 23% OF LEAD WHEN ALLOYED WITH COPPER AND 2% FOR LEAD WHEN ALLOYED WITH ANY METAL OTHER THAN COPPER AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBR SI*,472,,1991 <u>Effective Date :</u> 01APR1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF MANGANESE OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM, CONTAINS, EXCEEDS 15% FOR MANGANESE WHEN ALLOYED WITH COPPER AND 4% FOR MANGANESE WHEN ALLOYED WITH ANY METAL OTHER THAN COPPER AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBR SI*,472,,1991 <u>Effective Date :</u> 01APR1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	ANY NON-FERROUS METAL PROCESS FOR THE EXTRACTION OR RECOVERY OF COPPER FROM MIXED SCRAP BY THE USE OF HEAT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBR SI*,472,,1991 <u>Effective Date :</u> 01APR1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	SLUDG SOIL MONIT	AGRIC	MXL MXL RQR	REPRESENTATIVE SAMPLES OF SLUDGE PRODUCED FOR AGRICULTURAL USE MUST BE ANALYSED AT PERIODS OF NOT MORE THAN 6 MONTHS. THE AVERAGE ANNUAL RATE OF ADDITION TO SOIL (DETERMINED FOR A 10 YEAR PERIOD) SHALL NOT EXCEED 7.5KG PER HECTARE PER YEAR, AS DETERMINED BY ATOMIC ABSORPTION SPECTROMETRY WITH A LIMIT OF DETECTION OF 25 MG/KG OF DRY MATTER. THE SOIL MUST ALSO BE TESTED AT PERIODS NOT EXCEEDING 20 YEARS. FOR SOILS OF PH 5.0 < 5.5 THE CONCENTRATION SHALL NOT EXCEED 80 MG/KG OF DRY MATTER, FOR PH 5.5 < 6.0, 100 MG/KG OF DRY MATTER, FOR PH 6.0 < 7.0, 135 MG/KG OF DRY MATTER AND FOR PH > 7.0, 200 MG/KG OF DRY MATTER, AS DETERMINED BY ATOMIC ABSORPTION SPECTROMETRY, WITH A LIMIT OF DETECTION NOT EXCEEDING 10% OF THE APPROPRIATE LIMIT VALUE. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/278/EEC. <u>Title :</u> THE SLUDGE (USE IN AGRICULTURE) REGULATIONS 1989 <u>Reference :</u> GBR SI*,1263,,1989 <u>Effective Date :</u> 01SEP1989 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992

Common Name : **Copper**RTECS Number : **GL5325000**CAS Number : **7440-50-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1 MG/M3 OF DUSTS AND MISTS AND 0.2 MG/M3 OF FUME. STEL (10 MIN-TWA): 2 MG/M3 OF DUSTS AND MISTS.(FUME LIMIT TO BE REVIEWED)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>3000 UG CU/L IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>3000UG CU/L IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1147,,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1837,,,1991 <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ	DRINK	RQR	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THERELEVANT AUTHORITIES GIVING THE CONCENTRATIONOF COPPER EXPRESSED AS CU MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,71,,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
GBR	REG	WASTE		RQR	<p>ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THESUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING COPPER COMPOUNDS.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980</p> <p><u>Reference</u> : GBRSI*,1709,,,1980 <u>Effective Date</u> : 16MCH1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1986</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED.</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	FOOD	ADDIT	MAC	<p>GENERAL PURITY CRITERIA FOR PERMITTED PRESERVATIVES, EXCEPT WHERE OTHERWISE PROVIDED BY SPECIFIC PURITY CRITERIA: A PRESERVATIVE SHALL NOT CONTAIN MORE THAN 50 MG/KG OF COPPER OR OF COPPER AND ZINC. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 64/65/EEC (LAST AMENDED BY 85/585/EEC).</p> <p><u>Title</u> : THE PRESERVATIVES IN FOOD REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,533,,9,1989 <u>Effective Date</u> : 27APR1989</p> <p><u>Last Amendment</u> : GBRSI*,2287,,,1989 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO COPPER BASED PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASHPOINT BETWEEN 23 C AND 61 C). UN NO. 3009</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : Copper

RTECS Number : GL5325000

CAS Number : 7440-50-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON/HARMFUL. PACKING GROUP: I/II = GREAT DANGER/MEDIUM DANGER. (APPLIES TO COPPER BASED PESTICIDES, LIQUID FLAMMABLE, TOXIC, FLASHPOINT LESS THAN 23 C). UN NO.2776. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP:I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO COPPER BASED PESTICIDES, TOXIC, LIQUID OR SOLID). UN NOS. 3010; 2775 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO WATER SOLUBLE COPPER COMPOUNDS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 10 KG/YEAR (CALCULATED AS CU) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN. <u>Title :</u> THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989 <u>Reference :</u> GAZIN*,465,,1,1989 <u>Effective Date :</u> 28JUL1989 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO COPPER AND ITS COMPOUNDS) <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
JPN	REG	AQ	DRINK	MXL	THE CONCENTRATION OF COPPER IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 1.0 MG/L <u>Title :</u> THE WATER WORKS LAW <u>Reference :</u> JPNWW* ,,,1957 <u>Effective Date :</u> 16JUL1958 <u>Last Amendment :</u> JPNWW* ,,,1979 <u>Entry / Update :</u> DEC1991
JPN	REG	AQ	EMI	MXL	MAXIMUM LIMIT: 3 MG/L <u>Title :</u> NATIONAL EFFLUENT STANDARDS <u>Reference :</u> QEJPN* ,,,352-253,1989 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
KEN	REG	FOOD	-	MXL	SPECIFIED FOOD PRODUCTS: 0.1-150 MG/KG <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,409,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982

Common Name : Copper

RTECS Number : GL5325000

CAS Number : 7440-50-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.2 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 2 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REC	FOOD EXPRT IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 10.0-20.0 MG/ KG (APPLIES TO COPPER INORGANIC COMPOUNDS, CALCULATED AS COPPER)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : MDUPE*,3081-84,,,1984 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	SOIL	-	MAC	<p>3.0 MG/KG (APPLIES TO MOBILE FORMS OF COPPER EXTRACTABLE BY AMMONIUM ACETATE BUFFER SOLUTION, PH=4.8).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : FEB1985</p> <p><u>Last Amendment</u> : PDKCP*,3210-85,,,1985 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	FOOD	-	MPC	<p>LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 10.0-30.0 MG/KG; MEAT PRODUCTS: 0.5-20.0 MG/KG; MILK PRODUCTS: 0.5-4.0 MG/KG; CEREALS: 1.0-50.0 MG/KG; VEGETABLES, FRUITS: 0.5-100.0 MG/KG; BEVERAGES: 1.0-5.0 MG/KG; CHILDREN FOOD: 1.0-10.0 MG/KG (APPLIES TO COPPER AND ITS COMPOUNDS, CALCULATED AS COPPER).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : OCT1981</p> <p><u>Last Amendment</u> : VGNEP*,2450-81,,,1982 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.001 MG/L; SEAWATER: 0.005 MG/L (APPLIES TO INORGANIC COPPER COMPOUNDS, CALCULATED AS COPPER)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,,1978 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>1.0 MG/L (APPLIES TO COPPER AND ITS COMPOUNDS,CALCULATED AS COPPER) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AQ	DRINK	MAC	<p>1.0 MG/L (APPLIES TO CU(2+) SALTS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1985</p> <p><u>Last Amendment</u> : GOSTS*,2874-82,,,1982 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 1.0 MG/M3 (AEROSOL);TWA: 0.5 MG/M3 (AEROSOL)HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AIR	OCC	PSL	<p>0.4 MG/M3 AS MERCURY (AEROSOL). MERCURY CONTROL IS OBLIGATORY. (APPLIES TO COPPER AMALGAM).</p> <p><u>Title</u> : TENTATIVE SAFE EXPOSURE LEVELS OF HARMFUL SUBSTANCES IN OCCUPATIONAL AIR</p> <p><u>Reference</u> : OBUVR*,5203-90,,1-13,1990 <u>Effective Date</u> : 07DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.2 MG/M3 OF RESPIRABLE DUST AND 1.0 MG/M3 OF TOTAL DUST. (THE LIMITS APPLY TO COPPER AND ITS INORGANIC COMPOUNDS, CALCULATED AS CU)</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : **Copper**RTECS Number : **GL5325000**CAS Number : **7440-50-8****Area Type Subject Spec. Description Level / Summary Information :**

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO COPPER BASED PESTICIDES, SOLID, TOXIC). UN NO. 2775
<i>Title :</i>					
<i>Reference :</i>					
<i>Last Amendment :</i> UNTDG*,,,15,1989					
<i>Effective Date :</i>					
<i>Entry / Update :</i> AUG1990					
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO COPPER BASED PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASH POINT < 23C). UN NO. 2776
<i>Title :</i>					
<i>Reference :</i>					
<i>Last Amendment :</i> UNTDG*,,,15,1989					
<i>Effective Date :</i>					
<i>Entry / Update :</i> AUG1990					
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID. (APPLIES TO COPPER BASED PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASH POINT NOT LESS THAN 23C). UN NO. 3009
<i>Title :</i>					
<i>Reference :</i>					
<i>Last Amendment :</i> UNTDG*,,,15,1989					
<i>Effective Date :</i>					
<i>Entry / Update :</i> AUG1990					
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO COPPER BASED PESTICIDES, LIQUID, TOXIC). UN NO. 3010
<i>Title :</i>					
<i>Reference :</i>					
<i>Last Amendment :</i> UNTDG*,,,15,1989					
<i>Effective Date :</i>					
<i>Entry / Update :</i> AUG1990					
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: ACCORDING TO TOXICITY CRITERIA. (APPLIES TO COPPER COMPOUNDS).
<i>Title :</i>					
<i>Reference :</i>					
<i>Last Amendment :</i> UNTDG*,,,162,1989					
<i>Effective Date :</i>					
<i>Entry / Update :</i> MAY1986					
UN	REG	WASTE EXPT IMPRT	-	RSTR RQR RQR	WASTES HAVING AS CONSTITUENTS COPPER COMPOUNDS SHALL BE "HAZARDOUS WASTES" FOR THE PURPOSES OF THIS CONVENTION. THE GENERATION AND THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES SHALL BE KEPT TO A MINIMUM. EXPORTATION OF SUCH WASTES IS ALLOWED ONLY IF THE EXPORTING STATE CANNOT DISPOSE THE WASTE PROPERLY OR THE WASTE IS REQUIRED AS RAW MATERIAL FOR RECYCLING BY THE IMPORTING COUNTRY; THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES IS SUBJECT TO NOTIFICATION BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY AND TO CONSENT BY THE COMPETENT AUTHORITY OF THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES.
<i>Title :</i> Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.					
<i>Reference :</i>					
<i>Last Amendment :</i> ISBC1*,,,1989					
<i>Effective Date :</i>					
<i>Entry / Update :</i> MAY1992					
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 MG/M3 /DUSTS & MISTS/ TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /FUME/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.
<i>Title :</i> THRESHOLD LIMIT VALUES					
<i>Reference :</i> ACGIH*,,,11,1989					
<i>Effective Date :</i> 1989					
<i>Last Amendment :</i> ACGIH*,,,11,1991					
<i>Entry / Update :</i> DEC1991					

Common Name : Copper

RTECS Number : GL5325000

CAS Number : 7440-50-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. (APPLIES ALSO TO ITS COMPOUNDS)</p> <p>Title : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p>Reference : FEREAC,54,97,22140,1989 Effective Date : MAY221989</p> <p>Last Amendment : FEREAC,54,97,22104,1989 Entry / Update : OCT1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME COPPER, AND OXIDESTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. (APPLIES ALSO TO COPPER METALLIC)</p> <p>Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D</p> <p>Reference : FEREAC,54,204,43388,1989 Effective Date : 1989</p> <p>Last Amendment : FEREAC,54,204,43388,1989 Entry / Update : JAN1992</p>
USA	REG	AQ	CONSM	MPC	<p>1.0 MG/LBOTTLED WATER SHALL, WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN 21 CFR 103.35(D) (1) (II), MEET STANDARDS OF CHEMICAL QUALITY AND SHALL NOT CONTAIN CHEMICAL SUBSTANCES IN EXCESS OF THE FOLLOWI NG CONCENTRATIONS.</p> <p>Title : FEDERAL FOOD, DURG AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS: BOTTLED WATER</p> <p>Reference : FEREAC,42,,14325,1977 Effective Date : 1977</p> <p>Last Amendment : CFRUS*,21,103,35,1989 Entry / Update : NOV1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). (APPLIES ALSO TO ITS COMPOUNDS)</p> <p>Title : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p>Reference : CFRUS*,40,372,65,1988 Effective Date : 1987</p> <p>Last Amendment : CFRUS*,40,372,65,1988 Entry / Update : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p>Title : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p>Reference : FEREAC,52,,25947,1987 Effective Date : 1987</p> <p>Last Amendment : CFRUS*,40,264,,1990 Entry / Update : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE (APPLIES ALSO TO ITS COMPOUNDS)</p> <p>Title : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p>Reference : CFRUS*,40,302,4,1990 Effective Date : 1990</p> <p>Last Amendment : CFRUS*,40,302,4,1990 Entry / Update : SEP1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. (APPLIES ALSO TO ITS COMPOUNDS)</p> <p>Title : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p>Reference : XCODE*,33,,1314,1990 Effective Date : 1981</p> <p>Last Amendment : XCODE*,33,,1314,1990 Entry / Update : NOV1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p>Title : CLEAN AIR ACT, 112-NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p>Reference : FEREAC,50,,46290,1985 Effective Date : 1985</p> <p>Last Amendment : CFRUS*,40,61,1,1990 Entry / Update : SEP1991</p>

Common Name : Copper**RTECS Number :** GL5325000**CAS Number :** 7440-50-8**Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
WHO	REC	AQ	DRINK	GL	2 MG/L (PROVISIONAL GUIDELINE VALUE; CONCENTRATIONS OF THE SUBSTANCE AT OR BELOW THE HEALTH-BASED GV MAY AFFECT THE APPEARANCE, TASTE, OR ODOUR OF THE WATER). THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> : <u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992

Common Name : Copper Arsenate (basic)

RTECS Number : GL5900000

CAS Number : 16102-92-4

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	CLASS SALE	-	CLASS RSTR	POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER. <u>Title :</u> THE POISONS LIST ORDER 1982 <u>Reference :</u> GBRSI*,217,,1,1982 <u>Last Amendment :</u>	<u>Effective Date :</u> 1APR1982 <u>Entry / Update :</u> JAN1983
GBR	REG	SALE	-	RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) (APPLIES TO COPPER ARSENATES) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GBRSI*,1077,,1,1985	<u>Effective Date :</u> 01JAN1986 <u>Entry / Update :</u> FEB1986
GBR	REG	SALE	-	RSTR	SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF AGRICULTURAL, HORTICULTURAL AND FORESTAL INSECTICIDES OR FUNGICIDES. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) (APPLIES TO COPPER ARSENATES) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GBRSI*,1077,,1,1985	<u>Effective Date :</u> 01JAN1986 <u>Entry / Update :</u> FEB1986

Common Name : **Copper Cyanide**RTECS Number : **GL7150000**CAS Number : **544-92-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON. (APPLIES TO ALL METAL CYANIDES) <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1587. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,10004,1990 <u>Entry / Update</u> : JAN1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1587. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,15,1989 <u>Entry / Update</u> : SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M3, SKIN /CYANIDES, AS CN. POTASSIUM & SODIUM SALTS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	50 MG/M3 /CYANIDES, AS CN, POTASSIUM AND SODIUM SALTS/ <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,76,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,76,1990 <u>Entry / Update</u> : OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENT S MUST BE STOWED AWAY FROM ACIDS. ALL SHIPMENTS MUST BE LABELED POISON.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991 <u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991

Common Name : Copper Naphthenate

RTECS Number : QK9100000

CAS Number : 1338-02-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS MATERIALS PRESERVATIVE; WOOD PRESERVATIVE. (FORMULATION: SOLUTION). APPLIES TO COPPER AS ELEMENTAL, PRESENT AS COPPER NAPHTENATE. CODE CUN. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; FLAMMABLE (R 10); HARMFUL IF SWALLOWED (R 22).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987</p>
RUS	REG	AIR	OCC	PSL	<p>2.0 MG/M3 (AEROSOL)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 00APR1988</p> <p><u>Last Amendment :</u> OBUVR*,4613-88,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	FOOD	-	MRL	<p>LIMITS FOR SPECIFIED FOOD PRODUCTS: 2.0-4.0 MG/KG.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1983</p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,1983 <u>Entry / Update :</u> OCT1985</p>

Common Name : **Copper Naphthenate**RTECS Number : **QK910000**CAS Number : **1338-02-9**Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE. <u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference :</u> PFBEK*,,,1991 <u>Last Amendment :</u>	<u>Effective Date :</u> **APR1992 <u>Entry / Update :</u> JAN1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 MG/M3 /COPPER DUSTS & MISTS, AS CU/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991	<u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME NAPHTHENATE SALTS THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C. <u>Reference :</u> FEREAC,54,140,30846,1989 <u>Last Amendment :</u> FEREAC,54,140,30846,1989	<u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : Copper Oxychloride

RTECS Number : GL7020000

CAS Number : 1332-40-7

Area Type Subject Spec. Description Level / Summary Information :

BRA REG FOOD - AL
USE AGRIC PRMT
USE CONSM PRO
CLASS CLASS

SPECIFIED PLANT PRODUCTS: 1-15MG/KG; SECURITY INTERVAL: 1-21 DAYS; PROVISIONAL TOXICITY CLASS: IV (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.

Title : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)

Reference : SBTAP*,,,8,1984

Effective Date :

Last Amendment :

Entry / Update : AUG1985

CAN REG FOOD LABEL SALE IMPRT PACK CONSM MRL PRO AL

TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 50.0 PPM (CALCULATED AS COPPER). APPLIES TO INORGANIC COPPER COMPOUNDS, INCLUDING COPPER SULPHATE, TRIBASIC COPPER SULPHATE, COPPER SULPHATE MONOHYDRATE, COPPER OXYCHLORIDE, COPPER OXYCHLORIDE SULPHATE. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.

Title :

Reference : CAGAAK,124,11,1988,1990

Effective Date : 26NOV1976

Last Amendment :

Entry / Update : MAY1991

CAN REG PACK LABEL USE AGRIC PESTI CLASS

FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS FUNGICIDE (AGRICULTURAL); BACTERICIDE. (FORMULATION: WETTABLE POWDER; DUST OR POWDER). APPLIES TO COPPER AS ELEMENTAL, PRESENT AS COPPER OXYCHLORIDE. CODE CUY. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.

Title :

Reference : CAGAAK,122,18,3601,1988

Effective Date : 11AUG1988

Last Amendment :

Entry / Update : JUN1991

CSK REG USE AGRIC PRMT

SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.

Title : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION

Reference : SPPOR*,,,290,1990

Effective Date : JAN1991

Last Amendment :

Entry / Update : DEC1991

DEU REG FOOD PESTI MRL

SPECIFIED PLANT PRODUCTS: 20.0 - 1000.0 MG/KG. OTHER PLANT PRODUCTS: 10.0 MG/KG. APPLIES TO THE SUM OF COPPER CARBONATE, COPPER CHLORIDE, COPPER HYDROXIDE, COPPER LIME (BORDEAUX MIXTURE), COPPER LIGNINE COMPOUND, COPPER OXIDE, COPPER OXYCHLORIDE, COPPER OXYDUL, COPPER SODA, AND COPPER SULFATE; CALCULATED AS COPPER.

Title : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS
(PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG)

Reference : BGZBAD,,I,1861,1989

Effective Date : 22MCH1990

Last Amendment : BGZBAD,,I,481,1990

Entry / Update : DEC1991

RUS REG USE AGRIC PRMT

SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.

Title :

Reference :

Effective Date : 1JAN1986

Last Amendment : SCHSB*,1986-90,,,1987

Entry / Update : NOV1987

RUS REG AIR OCC MAC CLASS

CLV: 0.5MG/M3 (AEROSOL-AS CU) HAZ. CLASS: II

Title :

Reference :

Effective Date : SEP1988

Last Amendment : PDKAD*,4696-88,,,1988

Entry / Update : MAY1990

Common Name : **Copper Oxychloride**RTECS Number : **GL7020000**CAS Number : **1332-40-7**Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	AMBI	MAC	0.003MG/M3 1X/D, 0.0008MG/M3 AV/D (CALCULATEDVALUES) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978	<u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 5.0-10.0MG/KG; ADI = 0.17MG/KG (CALCULATED AS CU) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987	<u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, COPPER COMPOUNDS: GRP II, 1987.; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Last Amendment :</u> FEREAC,54,34,7740,1989	<u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : Coumachlor

RTECS Number : GN4830000

CAS Number : 81-82-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	USE USE	AGRIC CONSM	PRO RSTR	USE IN AGRICULTURE: NOT AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED ACCORDING TO PRESCRIPTIONS. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/22); LABEL: XN - HARMFUL; HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/22); WEAR SUITABLE GLOVES (S 37). <u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E.WHEN SOLID: AS HARMFUL AT CONCS. >25-100% ANDWHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title :</u> COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference :</u> OJEC**,L206,,13,1978 <u>Effective Date :</u> <u>Last Amendment :</u> OJEC**,L144,,1,1984 <u>Entry / Update :</u> APR1986
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-25% (SOLID) OR 100-10% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Entry / Update :</u> JAN1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-25% (SOLID) OR 100-10% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986

Common Name : Coumaphos

RTECS Number : GN6300000

CAS Number : 56-72-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER COUMARIN DERIVATIVE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER COUMARIN DERIVATIVE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO COUMAPHOS MIXTURE) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE ASACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: WETTABLE POWDER; DUST OR POWDER; PRESSURIZED PRODUCT). CODE COU. THEPEST CONTROL PRODUCTS ACT AND REGULATIONS AREADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL = 0.5 PPM (CALCULATED ON THE FAT CONTENT). THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENTOF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 13SEP1979 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference :</u> BGZBAD,,1,1891,1991 <u>Effective Date :</u> 01SEP1991 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991

Common Name : **Coumaphos**RTECS Number : **GN630000**CAS Number : **56-72-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>BEEF, BEEF PRODUCTS, BEEF FAT, POULTRY, POULTRY PRODUCTS, POULTRY FAT: 1.0 MG/KG LIPID WEIGHT. PORK, PORK PRODUCTS, PORK FAT, SHEEP, SHEEP PRODUCTS, SHEEP FAT, GOAT, GOAT PRODUCTS, GOAT FAT, MILK, MILK PRODUCTS: 0.5 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.05 MG/KG WET WEIGHT. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG WET WEIGHT. APPLIES TO THE SUM OF COUMAPHOS AND O,O-DIETHYL-O-(3-CHLORO-4-METHYL-7-CUMARINYL)-PHOSPHATE.</p> <p>Title : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG)</p> <p>Reference : BGZBAD,,I,1861,1989 Effective Date : 22MCH1990</p> <p>Last Amendment : BGZBAD,,I,481,1990 Entry / Update : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p>Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p>Reference : BGZBAD,,I,1931,1991 Effective Date : 15JUN1991</p> <p>Last Amendment : Entry / Update : APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN COUMAPHOS ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THEREQUIREMENTS LAID DOWN.</p> <p>Title : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p>Reference : OJEC**,L206,,13,1978 Effective Date :</p> <p>Last Amendment : OJEC**,L144,,1,1984 Entry / Update : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN (R 21). LABEL: T+ - VERY TOXIC; HARMFUL IN CONTACT WITH SKIN (R 21); VERY TOXIC IF SWALLOWED (R 28); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p>Title : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p>Reference : OJEC**,196,,1,1967 Effective Date : 1JUL1992</p> <p>Last Amendment : OJEC**,L 180,,79,1991 Entry / Update : APR1992</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: WITHDRAWN; MRL: WITHDRAWN</p> <p>Title :</p> <p>Reference : Effective Date : 1986</p> <p>Last Amendment : FAOCA*,XIII,,18-IV,1986 Entry / Update : APR1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->30%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 30-8% (SOLID) OR 30-3% (LIQUID).</p> <p>Title :</p> <p>Reference : Effective Date :</p> <p>Last Amendment : IMCOC*,,,6222,1990 Entry / Update : JAN1991</p>

Common Name : Coumaphos

RTECS Number : GN630000

CAS Number : 56-72-4

Area Type Subject Spec. Description Level / Summary Information :

IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.05-0.5 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
MEX	REG	AQ	AMBI	MPC	0.02 MG/L IN ESTUARIES <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982
RUS	REC	FOOD EXPR IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.5 MG/KG (ANIMAL PRODUCTS ON FAT BASIS) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,,1984 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1-0.2 MG/KG; ADI = 0.0005 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1983 <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Entry / Update :</u> OCT1985
SWE	REG	FOOD	PESTI	MTC	MEAT PRODUCTS: 0.1 MG/KG (INCL. COUMAPHOS OXYGEN ANALOGUE) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01MCH1983 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->30%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 30-8% (SOLID) OR 30-3% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986

Common Name : Coumaphos

RTECS Number : GN6300000

CAS Number : 56-72-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR		TPQ=100/10,000 RQ=10 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT: LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR		10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR		10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR		MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. LIQUID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 0.5 PINTS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991
USA	REG	CLASS MANUF	-	RQR PRMT		REGISTRATION STANDARD, COUMAPHOS, 1981. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992

Common Name : Coumarin

RTECS Number : GN4200000

CAS Number : 91-64-5

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FOOD	-	MXL	THE USE OF FLAVOURINGS AND OF OTHER FOOD INGREDIENTS WITH FLAVOURING PROPERTIES MUST NOT RESULT IN THE PRESENCE OF THE SUBSTANCE IN A QUANTITY GREATER THAN 2 MG/KG IN FOODSTUFFS AND BEVERAGES (WITH EXCEPTIONS). IT MAY NOT BE ADDED AS SUCH TO FOODSTUFFS OR TO FLAVOURINGS. IT MAY BE PRESENT IN A FOODSTUFF EITHER NATURALLY OR FOLLOWING THE ADDITION OF FLAVOURINGS PREPARED FROM NATURAL RAW MATERIALS. <u>Title :</u> COUNCIL DIRECTIVE OF 22 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO FLAVOURINGS FOR USE IN FOODSTUFFS AND TO SOURCE MATERIALS FOR THEIR PRODUCTION. (88/388/EEC) <u>Reference :</u> OJEC**L184,,61,1988 <u>Effective Date :</u> 22JUN1990 <u>Last Amendment :</u> OJEC**L42,,25,1991 <u>Entry / Update :</u> 1991
F/W	REC	FOOD	-	ADI	NO ADI ALLOCATED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1981 <u>Last Amendment :</u> WHFAAC, 16,,6,1981 <u>Entry / Update :</u> DEC1982
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO COUMARIN DERIVATIVE PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASHPOINT BETWEEN 223 C AND 61 C). UN NO. 3025 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO COUMARIN DERIVATIVE PESTICIDES, TOXIC, SOLID OR LIQUID). UN NO. 3026; 3027 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISONOUS/HARMFUL. PACKING GROUP: I/II = GREAT DANGER/MEDIUM DANGER. (APPLIES TO COUMARIN DERIVATIVE PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASH POINT LESS THAN 23C). UN NO.3024. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO COUMARIN DERIVATIVE PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASH POINT LESS THAN 23C) . UN NO. 3024 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID. (APPLIES TO COUMARIN DERIVATIVE PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASH POINT NOT LESS THAN 23C). UN NO. 3025 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO SOLID AND LIQUID COUMARIN DERIVATIVE PESTICIDES, TOXIC). UN NOS. 3026; 3027 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990

Common Name : Coumatetralyl

RTECS Number : GN7630000

CAS Number : 5836-29-3

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
<p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>					
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.
<p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>					
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T+ - VERY TOXIC; VERY TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 27/28). T - TOXIC; TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IN CONTACT WITH SKIN AND IF SWALLOWED (R 48/24/25). LABEL: T+ - VERY TOXIC; VERY TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 27/28); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IN CONTACT WITH SKIN AND IF SWALLOWED (R 48/24/25); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).
<p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>					
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN COUMATETRALYL ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.
<p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>					
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100- >34% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 34- >8.5% A.I. (SOLID) OR 34-3.4% A.I.(LIQUID)
<p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC* ,,6222,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>					

Common Name : Coumatetralyl

RTECS Number : GN7630000

CAS Number : 5836-29-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBEK*,,,1991 <u>Effective Date :</u> **APR1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->34% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 34->8.5% A.I. (SOLID) OR 34-3.4% A.I.(LIQUID)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> APR1986</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500/10,000 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title :</u> SARA. SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Cresol

RTECS Number : GO5950000

CAS Number : 1319-77-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 22 MG/M3 (5 PPM). SKIN ABSORPTION. (APPLIES TO ALL ISOMERS).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 1958/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS ACARICIDE (MITE CONTROL); HARD-SURFACE DISINFECTANT; INSECTICIDE; MATERIAL PRESERVATIVE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; SOLUTION). APPLIES TO CRESYLIC ACID OR PHENOLIC HOMOLOGUES; A MIXTURE OF CRESOLS, XYLENOLS, ETHYL PHENOLS AND HIGHER MOLECULAR WEIGHT PHENOLS). CODDE CRA. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2022. CLASS (6.1): POISONOUS. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 22 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Cresol

RTECS Number : GO5950000

CAS Number : 1319-77-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 20.0 MG/M3; CLV: 40.0 MG/M3 (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	GOODS	-	PRO	<p>PROHIBITED IN SOME COSMETIC PRODUCTS</p> <p><u>Title</u> : DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference</u> : HPMZC*,32,,1970 <u>Effective Date</u> : 1JAN1971</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 22 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 ML/M3 (PPM); 44 MG/M3; CEILING VALUE: 8X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO ALL ISOMERS OF CRESOL.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE GROUP BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H. (APPLIES TO CRESOLS)</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34). FROM 1% TO 5%: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); IRRITATING TO EYES AND SKIN (R 36/38). APPLIES TO ALL CRESOL ISOMERS. IT MUST BE STATED ON THE LABEL WHETHER IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : Cresol

RTECS Number : GO5950000

CAS Number : 1319-77-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR	OCC	ILV	<p>22 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 5 PPM (ML/M3) IN AIR; THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. EXISTING SCIENTIFIC DATA ON HEALTH EFFECTS APPEAR TO BE PARTICULARLY LIMITED. (APPLIES TO ALL ISOMERS OF CRESOLS).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC).</p> <p><u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2X(APPLIES TO CRESOLS)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ AQ	MARIN MARIN EMI EMI	RQR RSTR RSTR MAC	<p>CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO ALL CRESOL ISOMERS).</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP AQ AQ AQ	MARIN MARIN EMI	RQR RSTR MAC	<p>CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO SODIUM SALT SOLUTION OF CRESYLIC ACID)</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 22 MG/M3 (5 PPM) (INCL. ALL ISOMERS). SKIN ABSORPTION</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CRESOLS (O-, M-, P-), LIQUID OR SOLID). UN NO. 2076 (APPLIES TO CRESOLS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 2022</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>

Common Name : Cresol

RTECS Number : GO5950000

CAS Number : 1319-77-3

Area Type Subject Spec. Description Level / Summary Information :

IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO CRESOLS) <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 22 MG/M3 (5 PPM) (INCLUDING ALL ISOMERS OF CRESOL). SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 22 MG/M3 (5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.5 MG/M3; TWA: 0.5 MG/M3 (VAPOUR) HAZ. CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAD*,5147-89,,,1989 <u>Effective Date :</u> NOV1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (VAPOUR) HAZARD CLASS: II (APPLIES ALSO TO MIXED ISOMERS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	AMBI	MAC	0.005 MG/M3 1X/D, 0.005 MG/M3 AV/D. (APPLIES ALSO TO MIXED ISOMERS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 2022 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : Cresol

RTECS Number : GO5950000

CAS Number : 1319-77-3

Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO CRESOLS (O-, M-, P-)). UN NO. 2076 (APPLIES TO CRESOLS)
<u>Title :</u>					
<u>Reference :</u>					
<u>Last Amendment :</u> UNTDG*,15,1989					
<u>Effective Date :</u>					
<u>Entry / Update :</u> AUG1990					
USA	REC	SAFTY USE	OCC OCC	MXL MXL	250 PPM
<u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS					
<u>Reference :</u> XPHPAW,90,117,86,1990					
<u>Last Amendment :</u> XPHPAW,90,117,86,1990					
<u>Effective Date :</u> JUN1990					
<u>Entry / Update :</u> OCT1991					
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 PPM, 22 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.
<u>Title :</u> THRESHOLD LIMIT VALUES					
<u>Reference :</u> ACGIH*,11,1989					
<u>Last Amendment :</u> ACGIH*,11,1991					
<u>Effective Date :</u> 1989					
<u>Entry / Update :</u> DEC1991					
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).
<u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.					
<u>Reference :</u> FEREAC,45,,78541,1980					
<u>Last Amendment :</u> CFRUS*,40,261,33,1990					
<u>Effective Date :</u> 1980					
<u>Entry / Update :</u> JAN1992					
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED CORROSIVE. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.
<u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS					
<u>Reference :</u> CFRUS*,49,172,101,1984					
<u>Last Amendment :</u> CFRUS*,49,172,101,1990					
<u>Effective Date :</u> OCT1991					
<u>Entry / Update :</u> NOV1991					
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.
<u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES					
<u>Reference :</u> FEREAC,47,,26998,1982					
<u>Last Amendment :</u> CFRUS*,40,712,30,1990					
<u>Effective Date :</u> 1982					
<u>Entry / Update :</u> OCT1991					
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).
<u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.					
<u>Reference :</u> FEREAC,45,,78541,1980					
<u>Last Amendment :</u> CFRUS*,40,261,33,1990					
<u>Effective Date :</u> 1980					
<u>Entry / Update :</u> JAN1992					

Common Name : Cresol

RTECS Number : GO5950000

CAS Number : 1319-77-3

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FERECAC,51,,34547,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FERECAC,50,,46290,1985 <u>Effective Date :</u> 1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME COAL TAR CHEMICALS; USES OTHER THAN WOOD PRESERVINGS.; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C. <u>Reference :</u> FERECAC,54,140,30846,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FERECAC,54,140,30846,1989 <u>Entry / Update :</u> JAN1992

Common Name : m-Cresol

RTECS Number : GO6125000

CAS Number : 108-39-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 22 MG/M3 (5 PPM). SKIN ABSORPTION. (APPLIES TO ALL ISOMERS).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS BACTERICIDE (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE CRG. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING M-CRESOL UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,24,4625,1988 <u>Effective Date</u> : 01NOV1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 20.0 MG/M3; CLV: 40.0 MG/M3 (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : m-Cresol

RTECS Number : GO6125000

CAS Number : 108-39-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 22 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 ML/M3 (PPM); 44 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO ALL ISOMERS OF CRESOL.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>CRESOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34). FROM 1% TO 5%: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); IRRITATING TO EYES AND SKIN (R 36/38). APPLIES TO ALL CRESOL ISOMERS. IT MUST BE STATED ON THE LABEL WHETHER IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : m-Cresol

RTECS Number : GO6125000

CAS Number : 108-39-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 22 MG/M3 (5 PPM) (INCL. ALL ISOMERS) SKIN ABSORTION <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 22 MG/M3 (5 PPM) - CAN BE ABSORBED THROUGH SKIN - <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2X(APPLIES TO CRESOLS) <u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO O-,M- AND P-CRESOLS, LIQUID AND SOLID). UN NO.2076. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991
IND	REG	MANUF SAFTY STORE IMPRT		RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO CRESOLS) <u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 22 MG/M3 (5 PPM) (INCLUDING ALL ISOMERS OF CRESOL). SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
MEX	REG	AQ	AMBI	MPC	1.5 MG/L OF CRESOLS IN ESTUARIES <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.5 MG/M3; TWA: 0.5 MG/M3 (VAPOUR) (APPLIESTO MIXTURE OF ALL CRESOL ISOMERS) HAZ. CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : NOV1989 <u>Last Amendment</u> : PDKAD*,5147-89,,,1989 <u>Entry / Update</u> : MAY1990

Common Name : m-Cresol

RTECS Number : GO6125000

CAS Number : 108-39-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.004 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	AMBI	PSL	0.02 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Effective Date :</u> DEC1983 <u>Entry / Update :</u> SEP1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO O-,M- AND P-CRESOLS). UN NO.2076. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 PPM, 22 MG/M3, SKIN /CRESOL, ALL ISOMERS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	250 PPM /CRESOL/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,74,1990 <u>Last Amendment :</u> XPHPAW,90,117,74,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FEREAC,50,,46290,1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Effective Date :</u> 1985 <u>Entry / Update :</u> SEP1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Effective Date :</u> 1982 <u>Entry / Update :</u> OCT1991

Common Name : m-Cresol

RTECS Number : GO6125000

CAS Number : 108-39-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>200 MG/L.. IF O-,M-, AND P-CRESOL CONCENTRATIONS CANNOT BE DIFFERENTIATED, THE TOTAL CRESOL CONCENTRATION IS USED . THE REGULATORY LEVEL OF TOTAL CRESOL IS 200 MG/L.THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEA CH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p><u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>

Common Name : o-Cresol

RTECS Number : GO6300000

CAS Number : 95-48-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 22 MG/M3 (5 PPM). SKIN ABSORPTION. (APPLIES TO ALL ISOMERS).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING O-CRESOL, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,24,4625,1988 <u>Effective Date</u> : 01NOV1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 20.0 MG/M3; CLV: 40.0 MG/M3 (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 22 MG/M3 (20C. 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 ML/M3 (PPM); 44 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO ALL ISOMERS OF CRESOL.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : o-Cresol

RTECS Number : GO6300000

CAS Number : 95-48-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	AIR	EMI	MPC	<p>CRESOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34). FROM 1% TO 5%: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); IRRITATING TO EYES AND SKIN (R 36/38). APPLIES TO ALL CRESOL ISOMERS. IT MUST BE STATED ON THE LABEL WHETHER IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 22 MG/M3 (5 PPM) - CAN BE ABSORBED THROUGH SKIN -</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2X(APPLIES TO CRESOLS)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 22 MG/M3 (5 PPM) (INCL. ALL ISOMERS) SKIN ABSORPTION</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : o-Cresol

RTECS Number : GO630000

CAS Number : 95-48-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO O-,M- AND P-CRESOLS, LIQUID AND SOLID). UN NO.2076. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO CRESOLS) <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 22 MG/M3 (5 PPM) (INCLUDING ALL ISOMERS OF CRESOL). SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AQ	AMBI	MPC	1.5 MG/L OF CRESOLS IN ESTUARIES <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Last Amendment :</u> <u>Effective Date :</u> 27JUN1973 <u>Entry / Update :</u> OCT1982
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.5 MG/M3; TWA: 0.5 MG/M3 (VAPOUR) (APPLIESTO MIXTURE OF ALL CRESOL ISOMERS) HAZ. CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAD*,5147-89,,,1989 <u>Effective Date :</u> NOV1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	AMBI	PSL	0.028 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Effective Date :</u> DEC1983 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 3UG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO O-,M- AND P-CRESOLS) UN NO.2076. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982

Common Name : o-Cresol

RTECS Number : GO6300000

CAS Number : 95-48-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 PPM, 22 MG/M3, SKIN /CRESOL, ALL ISOMERS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	250 PPM /CRESOL/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,74,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,74,1990 <u>Entry / Update :</u> OCT1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=1,000/10,000 RQ=1,000 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	200.0 MG/L.. IF O-,M-, AND P-CRESOL CONCENTRATIONS CANNOT BE DIFFERENTIATED, THE TOTAL CRESOL CONCENTRATION IS USED . THE REGULATORY LEVEL OF TOTAL CRESOL IS 200 MG/L.THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS. <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY. <u>Reference :</u> FEREAC,55,,11862,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,261,24,1990 <u>Entry / Update :</u> JAN1992
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FEREAC,50,,46290,1985 <u>Effective Date :</u> 1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Entry / Update :</u> SEP1991

Common Name : o-Cresol

RTECS Number : GO6300000

CAS Number : 95-48-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME META-CRESOL; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA CALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Entry / Update :</u> JAN1992

Common Name : p-Cresol

RTECS Number : GO6475000

CAS Number : 106-44-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 22 MG/M3 (5 PPM). SKIN ABSORPTION. (APPLIES TO ALL ISOMERS).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING P-CRESOL, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,24,4625,1988 <u>Effective Date</u> : 01NOV1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 20.0 MG/M3; CLV: 40.0 MG/M3 (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL CRESOL ISOMERS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 22 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 ML/M3 (PPM); 44 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO ALL ISOMERS OF CRESOL.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : p-Cresol

RTECS Number : GO6475000

CAS Number : 106-44-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>CRESOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34). FROM 1% TO 5%: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); IRRITATING TO EYES AND SKIN (R 36/38). APPLIES TO ALL CRESOL ISOMERS. IT MUST BE STATED ON THE LABEL WHETHER IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 22 MG/M3 (5 PPM) (INCL. ALL ISOMERS) SKIN ABSORPTION</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 22 MG/M3 (5 PPM) - CAN BE ABSORBED THROUGH SKIN -</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE: 2X(APPLIES TO CRESOLS)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>

Common Name : p-Cresol

RTECS Number : GO6475000

CAS Number : 106-44-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO O-,M- AND P-CRESOLS SOLID OR LIQUID). UN NO.2076. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO CRESOLS) <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 22 MG/M3 (5 PPM) (INCLUDING ALL ISOMERS OF CRESOL). SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AQ	AMBI	MPC	1.5 MG/L OF CRESOLS IN ESTUARIES <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Last Amendment :</u> <u>Effective Date :</u> 27JUN1973 <u>Entry / Update :</u> OCT1982
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.5 MG/M3; TWA: 0.5 MG/M3 (VAPOUR) (APPLIESTO MIXTURE OF ALL CRESOL ISOMERS) HAZ. CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAD*,5147-89,,1989 <u>Effective Date :</u> NOV1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	AMBI	PSL	0.02 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUAV*,2947-83,,1983 <u>Effective Date :</u> DEC1983 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	MAC CLASS	0.004 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO O-,M- AND P-CRESOLS) UN NO.2076. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982

Common Name : **p-Cresol**RTECS Number : **GO6475000**CAS Number : **106-44-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	250 PPM /CRESOL/ <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,74,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,74,1990 <u>Entry / Update</u> : OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 PPM, 22 MG/M3, SKIN /CRESOL, ALL ISOMERS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	200 MG/L. IF O-,M-, AND P-CRESOL CONCENTRATIONS CANNOT BE DIFFERENTIATED, THE TOTAL CRESOL CONCENTRATION IS USED . THE REGULATORY LEVEL OF TOTAL CRESOL IS 200 MG/L.THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEA CH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS. <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY. <u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982 <u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991

Common Name : p-Cresol

RTECS Number : GO6475000

CAS Number : 106-44-5

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference :</u> FEREAC,50,,46290,1985 <u>Effective Date :</u> 1985</p> <p><u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Crotoxyphos**

RTECS Number :

CAS Number : **7700-17-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS INSECTICIDE. (FORMULATION: DUST OR POWDER; EMULSIFIABLE CONCENTRATE OR EMULSION; SOLUTION). CODE CIN. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>MEAT, MEAT PRODUCTS (EXCEPT POULTRY, POULTRY PRODUCTS, GROUND AND WINGED GAME), EDIBLE FAT OF ANIMAL ORIGIN, MILK, MILK PRODUCTS: 0.02 MG/KG. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN CROTOXYPHOS ARE CLASSIFIED INTO CLASS IB, I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference :</u> OJEC**,L206,,13,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OJEC**,L144,,1,1984 <u>Entry / Update :</u> APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-35% (SOLID) OR 100-15% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC* ,,6222,1990 <u>Entry / Update :</u> JAN1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.05 MG/L HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990</p>

Common Name : **Crotoxyphos**

RTECS Number :

CAS Number : **7700-17-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.2 MG/M3; (VAPOUR, AEROSOL) HAZ. CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SPECIFIED FOOD PRODUCTS;LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05 MG/KG; ADI = 0.005 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-35% (SOLID) OR 100-15% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME CROTOXYPHOSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESID UES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference :</u> FEREAC,54,100,22706,1989 <u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : **Crufomate**

RTECS Number :

CAS Number : **299-86-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 5 MG/M3; 15 MIN - STEL: 20 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (SUBMITTED FOR MODIFICATION). <u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference</u> : ARGOB*,24170,,1,1979 <u>Effective Date</u> : 29MAY1991 <u>Last Amendment</u> : ARGOB*,27145,,1,4,1991 <u>Entry / Update</u> : OCT1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL = 1.0 PPM APPLIES TO CRUFOMATE INCLUDING THE METABOLITE 4-TERT-BUTYL-2-CHLOROPHENOL, CALCULATED AS CRUFOMATE. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH,POTENCY, PURITY, QUALITY OR OTHER PROPERTY OFFOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title</u> : <u>Reference</u> : CAGAAK,124,11,,1990 <u>Effective Date</u> : 25NOV1976 <u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991
CAN	REG	AIR	OCC	TLV	TWA: 5 MG/M3; STEL: 20 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title</u> : <u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986 <u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.05-1.0 MG/KG. <u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986 <u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS (EXCEPT POULTRY, POULTRY PRODUCTS, WINGED GAME), EDIBLE FAT OF ANIMAL ORIGIN: 1.0 MG/KG. MILK, MILK PRODUCTS: 0.05 MG/KG. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E.WHEN SOLID: AS HARMFUL AT CONCS. >25-100% ANDWHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986

Common Name : Crufomate

RTECS Number :

CAS Number : 299-86-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22). LABEL: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.1 MG/KG BW; MRL: MEAT: 1 MG/KG; MILK: 0.05 MG/KG (EXPRESSED AS CRUFOMATE) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,19-IV,1986 <u>Entry / Update</u> : APR1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-90% (LIQUID). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,,,6222,1990 <u>Entry / Update</u> : JAN1991
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.05-1.0 MG/KG <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.3 MG/KG; ADI = 0.08 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JUN1983 <u>Last Amendment</u> : MDUPP*,2823-83,,,1983 <u>Entry / Update</u> : OCT1985
SWE	REG	FOOD	PESTI	MTC	MEAT PRODUCTS: 1 MG/KG <u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01JAN1990 <u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Entry / Update</u> : 1992

Common Name : **Crufomate**

RTECS Number :

CAS Number : **299-86-5**Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-90% (LIQUID).
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Title :Reference :Effective Date :Last Amendment : UNTDG*,,,162,1989Entry / Update : MAY1986

USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 20 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.
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Title : THRESHOLD LIMIT VALUESReference : ACGIH*,,,11,1989Effective Date : 1989Last Amendment : ACGIH*,,,11,1991Entry / Update : DEC1991

Common Name : **Cryofluorane**RTECS Number : **K11101000**CAS Number : **76-14-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	MANUF EXPR IMPRT	EMI	RSTR	<p>A) FOR THE 12-MONTH PERIOD JULY 1, 1989 TO JUNE 30, 1990, AND IN EACH 12-MONTH PERIOD THEREAFTER, CONSUMPTION; B) FOR THE 12-MONTH PERIOD JULY 1, 1993 TO JUNE 30, 1994, AND IN EACH 12-MONTH PERIOD THEREAFTER, CONSUMPTION SHALL BE REDUCED TO 80% OF 1986 LEVEL; AND C) FOR THE 12-MONTH PERIOD JULY 1, 1998 TO JUNE 30, 1999, AND IN EACH 12-MONTH PERIOD THEREAFTER, CONSUMPTION SHALL BE REDUCED TO 50% OF 1986 LEVEL. CONSUMPTION IS DEFINED AS PRODUCTION PLUS IMPORT MINUS EXPORT. THESE RESTRICTIONS ARE PRESCRIBED BY THE OZONE-DEPLETING SUBSTANCES REGULATIONS NO. 1 (CHLOROFLUOROCARBON) WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE). THE REGULATIONS ARE DESIGNED TO FULFILL CANADA'S INTERNATIONAL COMMITMENT, AS SET OUT IN THE MONTREAL PROTOCOL, TO PROTECT THE OZONE LAYER. THE PROTOCOL INCLUDES A SCHEDULE FOR REDUCING CONSUMPTION OF CHLOROFLUOROCARBONS (CFC'S) THROUGH MANUFACTURE, IMPORT AND EXPORT PROCESSES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,123,15,3425,1989 <u>Effective Date :</u> 29JUN1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	EXPR MANUF SALE IMPRT	EMI	PRO RSTR	<p>1) NO PERSON SHALL MANUFACTURE, IMPORT, OFFER FOR SALE OR SELL A) 10 KG OR LESS OF THIS CHLOROFLUOROCARBON IN A PRESSURIZED CONTAINER; OR B) ANY PRODUCT IN A PRESSURIZED CONTAINER THAT CONTAINS 10 KG OR LESS OF THIS CHLOROFLUOROCARBON. THERE ARE SEVERAL EXCEPTIONS HOWEVER. 2) NO PERSON SHALL MANUFACTURE, IMPORT, OFFER FOR SALE OR SELL ANY PACKAGING MATERIAL OR CONTAINER FOR FOOD OR BEVERAGES THAT IS MADE OF PLASTIC FOAM IN WHICH THIS CHLOROFLUOROCARBON HAS BEEN USED AS A FOAMING AGENT. THESE PROHIBITIONS ARE PRESCRIBED BY THE OZONE-DEPLETING SUBSTANCES REGULATIONS NO. 3 (PRODUCTS) WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND HEALTH AND WELFARE). THE REGULATIONS ARE DESIGNED TO FULFILL CANADA'S INTERNATIONAL COMMITMENT, AS SET OUT IN THE MONTREAL PROTOCOL, TO PROTECT THE OZONE LAYER. THE PROTOCOL INCLUDES A SCHEDULE FOR REDUCING CONSUMPTION OF CFC'S AND HALONS, WHERE CONSUMPTION IS DEFINED AS PRODUCTION PLUS IMPORT MINUS EXPORT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,19,,1990 <u>Effective Date :</u> 28AUG1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 1000 ML/M3 (PPM); 7000 MG/M3 (20C, 101.3 KPA). SUBSTANCE ELICITING VERY WEAK EFFECTS. 60 MIN- STEL: 2000 ML/M3 (PPM); 14000 MG/M3; CEILING VALUE; 3X/SHIFT.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	SALE USE LABEL WASTE	- - - REMOV	PRO PRO RQR RSTR	<p>THE SUBSTANCE IS PROHIBITED: IN PRESSURE GAS PACKAGES (EFFECTIVE DATE 01 AUGUST 1991, EXCEPTIONS FOR PHARMACEUTICALS); AS FREEZING AGENT (EFF. DATE 01 JANUARY 1992 FOR LARGE-SCALE ESTABLISHMENTS CONTAINING MORE THAN 5 KG OF FREEZING AGENT IN CLOSED CYCLES; EFF. DATE 01 JANUARY 1994 FOR MOBILE LARGE-SCALE ESTABLISHMENTS; EFF. DATE 01 JANUARY 1995 FOR SMALL-SCALE ESTABLISHMENTS); AS FOAMING AGENT FOR PACKAGING MATERIAL AND DISHES (EFF. DATE 01 AUGUST 1991); AS ASSEMBLY FOAM IN GAS-PRESSURE PACKAGES (EFF. DATE 01 AUGUST 1991); AS INSULATION MATERIAL (EFF. DATE 01 JANUARY 1995); AS FOAMING AGENT FOR FURTHER USES (EFF. DATE 01 JANUARY 1992); AS CLEANING AGENT AND SOLVENT (EFF. DATE 01 JANUARY 1992, EXCEPTIONS FOR CERTAIN PLANTS). PRODUCTS HAVE TO BE LABELLED: "CONTAINS AN OZONE-DEGRADING FLUOROCHLOROXYDROCARBON" (EFF. DATE 01 AUGUST 1991). THE DISTRIBUTOR IS OBLIGED TO REACCEPT USED SUBSTANCES (EFF. DATE 01 NOVEMBER 1991).</p> <p><u>Title :</u> ORDINANCE ON THE PROHIBITION OF FLUOROCHLOROXYDROCARBONS (FCKW-HALON-VERBOTS-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1090,1991 <u>Effective Date :</u> 01AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : **Cryofluorane**RTECS Number : **K11101000**CAS Number : **76-14-2**Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	IMPRT EXPT MANUF USE	- - - CONSM	RSTR RSTR RSTR RSTR	THE IMPORTATION, EXPORTATION, PRODUCTION AND CONSUMPTION OF SPECIFIED CHLOROFLUOROCARBONS AND HALONS IS RESTRICTED AND SUBJECT TO QUANTITATIVE LIMITS. THESE SUBSTANCES ARE CFCL3 (CFC-11), CF2CL2 (CFC-12), C2F3CL3 (CFC-113), C2F4CL2 (CFC-114), C2F5CL (CFC-115) AND CF2BRCL (HALON-1211), CF3BR (HALON-1301) AND C2F4BR2 (HALON-2402). THE ESTIMATED OZONE-DEPLETING POTENTIALS FOR THESE SUBSTANCES ARE LISTED. DATA REPORTING TO THE EC COMMISSION AND TO THE COMPETENT AUTHORITY OF THE MEMBER STATE CONCERNED IS REQUIRED FOR EACH PRODUCER, IMPORTER AND EXPORTER OF CHLOROFLUOROCARBONS AND HALONS. THIS DIRECTIVE CARRIES OUT THE COMMUNITY'S OBLIGATIONS UNDER THE VIENNA CONVENTION AND THE MONTREAL PROTOCOL. <u>Title</u> : COUNCIL REGULATION (EEC) NO 3322/88 OF 14 OCTOBER 1988 ON CERTAIN CHLOROFLUOROCARBONS AND HALONS WHICH DEplete THE OZONE LAYER. <u>Reference</u> : OJEC**L297,,1,1988 <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : <u>Entry / Update</u> : 1991
GBR	REG	AIR	OCC	OES	8H-TWA: 7000 MG/M3 (1000 PPM). STEL (10 MIN-TWA): 8750 MG/M3 (1250 PPM) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO CHLOROFLUOROCARBONS) <u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1000 PPM, 6990 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	50000 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,90,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,90,1990 <u>Entry / Update</u> : OCT1991

Common Name : **Cupric Sulfate**RTECS Number : **GL8800000**CAS Number : **7758-98-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): NA9109. CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 49. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 50.0 PPM (CALCULATED AS COPPER). APPLIES TO INORGANIC COPPER COMPOUNDS, INCLUDING COPPER SULPHATE, TRIBASIC COPPER SULPHATE, COPPER SULPHATE MONOHYDRATE, COPPER OXYCHLORIDE, COPPER OXYCHLORIDE SULPHATE. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 26NOV1976</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS FUNGICIDE (AGRICULTURAL); SWIMMING POOL ALGAEICIDE. (FORMULATION: SOLUBLE POWDER; SOLUBLE GRANULES; SOLUTION). CODE CUS. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>

Common Name : **Cupric Sulfate**RTECS Number : **GL8800000**CAS Number : **7758-98-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 20.0 - 1000.0 MG/KG. OTHER PLANT PRODUCTS: 10.0 MG/KG. APPLIES TO THE SUM OF COPPER CARBONATE, COPPER CHLORIDE, COPPER HYDROXIDE, COPPER LIME (BORDEAUX MIXTURE), COPPER LIGNINE COMPOUND, COPPER OXIDE, COPPER OXYCHLORIDE, COPPER OXYDUL, COPPER SODA, AND COPPER SULFATE; CALCULATED AS COPPER.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	FEED	ADDIT	PRMT	<p>COPPER MAY BE ADDED AS A TRACE ELEMENT IN THE FORMS OF CUPRIC ACETATE MONOHYDRATE, CUPRIC METHIONATE, BASIC CUPRIC CARBONATE MONOHYDRATE, CUPRIC CHLORIDE DIHYDRATE, CUPRIC OXIDE, CUPRIC SULFATE PENTAHYDRATE (EEC NO. E4) TO FEEDINGSTUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES. LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319,13,1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987</p>
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: PRESERVATIVE; ADI: NO ADI ALLOCATED; MXL: EMMENTALER CHEESE: 15 MG/KG (EXPRESSED AS CU)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1983</p> <p><u>Last Amendment</u> : FAOCA*,XIV,,342,1983 <u>Entry / Update</u> : MAY1991</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 5.0 MG/KG; ADI = 0.17 MG/KG (CALCULATED AS CU).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JUN1983</p> <p><u>Last Amendment</u> : MDUPP*,2823-83,,1983 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (AS CU) (AEROSOL) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 1 MG/M3 /COPPER DUSTS & MISTS, AS CU/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>

Common Name : **Cupric Sulfate**RTECS Number : **GL8800000**CAS Number : **7758-98-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, COPPER SULFATE, 1986.; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Cuprous Oxide

RTECS Number : GL8050000

CAS Number : 1317-39-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS ANIMAL REPELLENT. (FORMULATION: SOLUTION; PASTE). CODE CUP. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 20.0 - 1000.0 MG/KG. OTHER PLANT PRODUCTS: 10.0 MG/KG. APPLIES TO THE SUM OF COPPER CARBONATE, COPPER CHLORIDE, COPPER HYDROXIDE, COPPER LIME (BORDEAUX MIXTURE), COPPER LIGNINE COMPOUND, COPPER OXIDE, COPPER OXYCHLORIDE, COPPER OXYDUL, COPPER SODA, AND COPPER SULFATE; CALCULATED AS COPPER.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); DO NOT BREATHE DUST (S 22).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBEK*,...,1991 <u>Effective Date :</u> **APR1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Cuprous Oxide

RTECS Number : GL8050000

CAS Number : 1317-39-1

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /COPPER FUME/ TIME WEIGHTED AVG (TWA) 1 MG/M3 /COPPER DUSTS & MISTS, AS CU/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME COPPER, AND OXIDES THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D</p> <p><u>Reference :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Entry / Update :</u> JAN1992</p>

Common Name : Cyanide

RTECS Number : GS7175000

CAS Number : 57-12-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 5MG/M3 (CALCULATED AS CN). SKIN ABSORPTION.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (AS HCN) 0.1 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,,,,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	AQ	EMI	GL	<p>SCHEDULE 1 - OBJECTIVES FOR SUBSTANCES: MAX.TOTAL CONCENTRATION - OXIDIZABLE CYANIDE - 0.1 MG/M3; TOTAL CYANIDE - 3.0 MG/M3. PRESCRIBED BY THE METAL FINISHING LIQUID EFFLUENT GUIDELINES, WHICH FALL UNDER THE FISHERIES ACT (ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND THE ENVIRONMENT). THE INTENT OF THESE GUIDELINES IS TO CONTROL THE DISCHARGE OF LIQUID EFFLUENTS FROM THE PORTION OF THE METAL FINISHING INDUSTRY WHICH INCLUDES ELECTROPLATING, ELECTROFORMING, ANODIZING, ELECTROCHEMICAL MACHINING, ELECTROCHEMICAL POLISHING, ELECTROLESS PLATING, CHROMATING AND CYANIDE HARDENING. THEY SET OBJECTIVES FOR THE MAXIMUM CONCENTRATION OF CERTAIN SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAEQ,111,,5957,1977 <u>Effective Date :</u> NOV1977</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.2 MG/L. UNDER REVIEW. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CSK	REG	AQ	SURF	MAC	<p>0.05MG/L</p> <p><u>Title :</u> GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference :</u> SZCSR*,9,125,1975 <u>Effective Date :</u> APR1975</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AQ	SURF DRINK	MAC	<p>0.01MG/L (APPLIES TO DRINKING WATER RESERVE)</p> <p><u>Title :</u> GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference :</u> SZCSR*,9,125,1975 <u>Effective Date :</u> APR1975</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

Common Name : Cyanide

RTECS Number : GS7175000

CAS Number : 57-12-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO CYANIDES EXPRESSED AS CN)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW DETECTION LIMIT II CLASS: BELOW DETECTION LIMIT III CLASS: BELOW 0.2MG/L IV CLASS: BELOW 0.5MG/L V CLASS: ABOVE 0.5MG/L (CALCULATED AS CN)</p> <p><u>Title</u> : WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY</p> <p><u>Reference</u> : CSNOR*,757221,,,1989 <u>Effective Date</u> : 01JUL1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.01MG/L</p> <p><u>Title</u> : WATER QUALITY. DRINKING WATER</p> <p><u>Reference</u> : CSNOR*,757111,,,1989 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CYAN	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 50 UG CN/L, GL : - (ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
CYAN	REG	AQ	EEC EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY. (APPLIES TO ALLCYANIDES)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30MIN-STEL: 10 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO CYANIDES AS CN.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ	GRND	CLASS	<p>CYANIDES CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>0.05 MG/L (CALCULATED AS CN(1-)) CORRESPONDING TO ABOUT 2 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.01 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 - 15.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF HYDROCYANIC ACID AND ITS SALTS, CALCULATED AS HYDROGEN CYANIDE.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>

Common Name : Cyanide

RTECS Number : GS7175000

CAS Number : 57-12-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE TOTAL CONCENTRATIONS OF DUSTS OF ANTIMONY, LEAD, CHROMIUM, COPPER, MANGANESE, PLATINUM, PALLADIUM, RHODIUM, VANADIUM AND TIN AS WELL AS THEIR INORGANIC COMPOUNDS AND SOLUBLE INORGANIC CYANIDES AND FLUORIDES (I.E. THE CLASS III INORGANIC DUSTS) MAY NOT EXCEED 5 MG/M³ (CALCULATED AS THE METAL OR CN OR F) AT A MASS FLOW OF >= 25 G/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH WATERSOLUBLE, NON-COMPLEX CYANIDES ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH CYANIDES CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF CYANIDES ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR CYANIDES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS MAS. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p><u>Reference</u> : OJEC**,L271,,44,1979 <u>Effective Date</u> : 09OCT1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF CYANIDES INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY CYANIDES IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>

Common Name : Cyanide

RTECS Number : GS7175000

CAS Number : 57-12-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	CEREALS (GENERAL): 15MG/KG (APPLIES TO CYANIDES, EXPRESSED AS HYDROGEN CYANIDE) <u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC). <u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988 <u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987
EEC	REG	LABEL	CONSM	RQR	THE IMMEDIATE PACKAGING OF GLUES BASED ON CYANOACRYLATE MUST BEAR THE FOLLOWING INSCRIPTIONS: 'CYANOACRYLATE. DANGER. BONDS SKIN AND EYES IN SECONDS. KEEP OUT OF THE REACH OF CHILDREN.' APPROPRIATE ADVICE ON SAFETY MUST ACCOMPANY THE PACKAGE. <u>Title</u> : COUNCIL DIRECTIVE OF 7 JUNE 1988 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (88/379/EEC). <u>Reference</u> : OJEC**,L187,,14,1988 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L64,,18,1989 <u>Entry / Update</u> : APR1992
EEC	REG	WASTE	-	RQR	WASTE CONTAINING OR CONTAMINATED BY CYANIDES IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993). <u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC). <u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	QUALITY STANDARD FOR CYANIDE IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER : 0.05 MG CN/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES. <u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC) <u>Reference</u> : OJEC**,L194,,26,1975 <u>Effective Date</u> : 25JUL1977 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
GBR	REG	TRNSP LABEL	-	CLASS RQR	LABELLING OF ROAD TANKERS: TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2X (APPLIES TO CYANIDE SOLUTION) <u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983
GBR	REG	WASTE	-	RQR	ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS 'SPECIAL WASTE' IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THE SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING INORGANIC CYANIDES. <u>Title</u> : THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980 <u>Reference</u> : GBRSI*,1709,,1980 <u>Effective Date</u> : 16MCH1981 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1986

Common Name : Cyanide

RTECS Number : GS7175000

CAS Number : 57-12-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	FOOD AQ	- DRINK	RQR MRL	<p>A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL GIVE SATISFACTORY EVIDENCE TO THE RELEVANT AUTHORITY TO SHOW THAT THE WATER CONTAINS NO TOXIC SUBSTANCE SUCH ASCYANIDE IN AN AMOUNT EXCEEDING 50UG/L. THE RESULTS SHOULD BE EXPRESSED IN CN UG/L.</p> <p><u>Title :</u> THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference :</u> GBRSI*,71,,,1985 <u>Effective Date :</u> 21FEB1985</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1986</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 5MG/M3 AS CN. SKIN ABSORPTION. (APPLIES TO CYANIDES EXCEPT HYDROGEN CYANIDE, CYANOGEN AND CYANOGEN CHLORIDE).</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>50UG CN/L IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,1147,,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> GBRSI*,1837,,,1991 <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>50UG CN/L IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,2790,,,1991 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ AQ	SURF DRINK	CLASS RQR	<p>IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW1 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05MG/L CN, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05MG/L CN, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05MG/L CN, PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC.</p> <p><u>Title :</u> THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference :</u> GBRSI*,1148,,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO CYANIDE SOLUTIONS). UN NO. 1935</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANNGER/MINOR DANGER. (APPLIES TO INORGANIC CYANIDES AND CYANIDE MIXTURES). UN NO. 1588</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>

Common Name : Cyanide

RTECS Number : GS7175000

CAS Number : 57-12-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTES CONTAINING THE SUBSTANCE ARE CLASSIFIED AS HAZARDOUS WASTE. THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 1 KG/YEAR (CALCULATED AS CN) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN.</p> <p><u>Title</u> : THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989</p> <p><u>Reference</u> : GAZIN*,465,,1,1989 <u>Effective Date</u> : 28JUL1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
JPN	REG	AQ	DRINK	MXL	<p>CYANIDE ION SHOULD NOT BE DETECTABLE IN DRINKING WATER SUPPLIED BY WATER WORKS. THE DETECTION LIMIT IS 0.01 MG/L.</p> <p><u>Title</u> : THE WATER WORKS LAW</p> <p><u>Reference</u> : JPNWW*,,,,1957 <u>Effective Date</u> : 16JUL1958</p> <p><u>Last Amendment</u> : JPNWW*,,,,1979 <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AQ	AMBI	MXL	<p>STANDARD VALUE (MAXIMUM VALUE): NOT DETECTABLE</p> <p><u>Title</u> : ENVIRONMENTAL QUALITY STANDARD FOR WATER</p> <p><u>Reference</u> : QEJPN*,,,,337,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 1 MG/L OF CYANIDE COMPOUNDS</p> <p><u>Title</u> : NATIONAL EFFLUENT STANDARDS</p> <p><u>Reference</u> : QEJPN*,,,,352-253,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AQ	AMBI	MPC	<p>1) 0.20 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION 2) 0.02 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES 3) NO LIMIT SET IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>
MEX	REG	AQ	AMBI	MPC	<p>0.001 MG/L IN COASTAL WATERS</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.(APPLIES TO CYANIDES).</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,,1989 <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AQ	AMBI	MPC	<p>0.0 MG/L IN ESTUARIES</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>
RUS	REG	AIR	AMBI	MAC	<p>0.009MG/M3 1X/D; 0.004MG/M3 AV/D (CALCULATED AS HCN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,,1978 <u>Entry / Update</u> : JUN1982</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.05MG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,,1978 <u>Entry / Update</u> : JUN1982</p>

Common Name : Cyanide

RTECS Number : GS7175000

CAS Number : 57-12-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC	0.1MG/L (APPLIES TO SIMPLE AND COMPLEX CYANIDES WITH EXCEPTION OF PERROCYANIDES, CALCULATED AS CN) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
SWE	REG	AIR	OCC	HLV	CLV: 5MG/M3 (15MIN-TWA) INCLUDING HYDROGEN CYANIDE AND CYANIDES, CALCULATED AS CN. SKIN ABSORPTION. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO INORGANIC CYANIDES). UN NO.1588. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO CYANIDE SOLUTIONS). UN NO.1935. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 MG/M3, SKIN /CYANIDES, AS CN/; SUMMARY - THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE (APPLIES TO DISSOCIABLE SALTS OF CYANIDE) <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ	EMI INDST	RQR RQR	BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT. (APPLIES TO DISSOCIABLE SALTS OF CYANIDE) <u>Title :</u> 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS <u>Reference :</u> FEREAC,44,,44502,1979 <u>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Effective Date :</u> 1979 <u>Entry / Update :</u> OCT1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). (APPLIES TO DISSOCIABLE SALTS OF CYANIDE) <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : Cyanide

RTECS Number : GS7175000

CAS Number : 57-12-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ		DRINK CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. (APPLIES TO DISSOCIABLE SALTS OF CYANIDE)</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MIXTURE DRY: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE KEPT DRY AND STOWED AWAY FROM ACIDS. ALL SHIPMENTS MUST BE LABELED POISON. SOLUTION: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM ACIDS. ALL SHIPMENTS MUST BE LABELED POISON.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ		GRND GRND MONIT MXL	<p>; SUMMARY - THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H)(2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
WHO	REC	AQ		DRINK GL	<p>0.07 MG/L. THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : Cycloate

RTECS Number :

CAS Number : 1134-23-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HERBICIDE (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR). CODE ROE. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 0.05 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 1.0 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	SOIL	-	MAC	<p>0.8 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> MAY1984</p> <p><u>Last Amendment :</u> PDKPP*,3034-84,,1984 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.2MG/L HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.3MG/KG; ADI = 0.1MG/KG.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1983</p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,1983 <u>Entry / Update :</u> OCT1985</p>

Common Name : Cyclohexanone

RTECS Number : GW1050000

CAS Number : 108-94-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 100 MG/M3 (25 PPM). SKIN ABSORPTION.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 25 PPM, 100 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1915. CLASS (3.3): FLAMMABLE LIQUID. PACKING GROUPIII, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 220 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 200.0 MG/M3; CLV: 400 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : Cyclohexanone

RTECS Number : GW1050000

CAS Number : 108-94-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 50 ML/M3 (PPM); 200 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 100 ML/M3 (PPM); 400 MG/M3; AVERAGE VALUE; 4X/SHIFT. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO. VAPOUR PRESSURE: 0.5 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: XN - HARMFUL; FLAMMABLE (R 10); HARMFUL BY INHALATION (R 20); AVOID CONTACT WITH EYES (S 25). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE CONCENTRATION RANGE: ABOVE 25%: XN - HARMFUL; HARMFUL BY INHALATION (R 20).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 100 MG/M3 (25 PPM). STEL (10 MIN-TWA): 400 MG/M3 (100 PPM).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3 (Y)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Cyclohexanone

RTECS Number : GW1050000

CAS Number : 108-94-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1915. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 100 MG/M3 (25 PPM) <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 200 MG/M3 (50 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 400 MG/M3 (100 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AQ	SURF	MAC CLASS	0.2 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	AMBI	MAC	0.04 MG/M3 1X/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	OCC	MAC	MAXIMUM ALLOWABLE LEVEL OF SKIN CONTAMINATION OF HAND COMING IN CONTACT WITH SUBSTANCE: 1.5 MG/CM3 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDUZK*,4618-88,,,1988 <u>Effective Date :</u> MAY1988 <u>Entry / Update :</u> JUL1990

Common Name : Cyclohexanone

RTECS Number : GW1050000

CAS Number : 108-94-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	1D-TWA: 100 MG/M3 (25 PPM). 15 MIN - STEL: 200 MG/M3 (50 PPM). SKIN ABSORPTION. <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1915. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 25 PPM, 100 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	5000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,78,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,78,1990 <u>Entry / Update :</u> OCT1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME CYCLOHEXANONETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C. <u>Reference :</u> FEREAC,54,140,30846,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,140,30846,1989 <u>Entry / Update :</u> JAN1992
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991

Common Name : Cyclohexanone

RTECS Number : GW1050000

CAS Number : 108-94-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990</p> <p><u>Effective Date</u> : 1980</p> <p><u>Entry / Update</u> : JAN1992</p>
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Common Name : **Cypermethrin**RTECS Number : **GZ1250000**CAS Number : **52315-07-8****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT RSTR CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.5 MG/KG; SECURITY INTERVAL: 10-30 DAYS; PROVISIONAL TOXICITY CLASS: II (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED. MAX. CONCENTRATION: 0.5-1% (W/W) DEPENDING ON FORMULATION. REQUIREMENTS CONCERNING FORMULATION AND PACKAGING. <u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,8,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.2-1.0 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title</u> : <u>Reference</u> : CAGAAK,124,11,,1990 <u>Effective Date</u> : 06NOV1987 <u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; SLOW RELEASE GENERATOR; WETTABLE POWDER; IMPREGNATED FABRIC). CODE CYM. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title</u> : <u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference</u> : SPPOR*,290,1990 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL ISOMERS OF CYPERMETHRIN) <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05 - 30.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF CYPERMETHRIN AND ALFACYPERMETHRIN. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991

Common Name : **Cypermethrin**

RTECS Number : **GZ1250000**

CAS Number : **52315-07-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.05 MG/KG BW; MRL: ALFALFA (DRY-WEIGHT BASIS), MAIZE FODDER (DRY-WEIGHT BASIS), SORGHUM FODDER (DRY-WEIGHT BASIS), WHEAT STRAW: 5 MG/KG; CITRUS FRUIT, POME FRUIT: 2 MG/KG; BRASSICA LEAFY VEGETABLES, CHERRIES, PLUMS: 1 MG/KG; BEANS (WITH POD), EDIBLE VEGETABLE OILS, LEEKS, PEPPERS, TOMATOES: 0.5 MG/KG; CARCASE MEAT (IN CARCASE FAT), CUCUMBERS, EGGPLANTS: 0.2 MG/KG; ONIONS:0.1 MG/KG; BEANS (WITHOUT POD), COFFEE BEANS, EGGS, MAIZE, MUSHROOMS, PEANUTS, PEAS, ROOT AND TUBER VEGETABLES, SOYBEANS, SWEET CORN: 0.05 MG/KG; MILK: 0.01 MG/KG (EXPRESSED AS SUM OF CYPERMETHRIN ISOMERS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIII,,118-IV,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.05 MG/KG BW. MRL: TEA: 20 MG/KG; ALFALFA, MAIZE FODDER, SORGHUM FODDER, WHEAT STRAW: 5.0 MG/KG DWT; CITRUS FRUITS, LETTUCE, NECTARINES, PEACHES, POME FRUITS, SPINACH: 2 MG/KG; BRASSICA LEAFY VEGETABLES, CHERRIES, PLUMS: 1 MG/KG; BARLEY, BEANS (WITH POD), LEEKS, PEPPERS, SMALL FRUITS AND BERRIES, TOMATOES, VEGETABLE OILS (EDIBLE): 0.5 MG/KG; COTTONSEED, COTTONSEED OIL (EDIBLE), CUCUMBERS, EGGPLANT, MEAT BY-PRODUCTS, OILSEEDS (EXCEPT PEANUTS), RAPESEED, WHEAT: 0.2 MG/KG; CARCASE MEAT: 0.2 MG/KG LWT; ONIONS: 0.1 MG/KG; BEANS (WITHOUT POD), COFFEE BEANS, EGGS, EDIBLE OFFAL (MAMMALIAN), MAIZE, MILKS, MUSHROOMS, PEANUTS, PEAS, POTATOES, POULTRY MEAT, SOYBEANS, SUGARBEET, SWEETCORN, VEGETABLES (ROOT AND TUBER): 0.05 MG/KG (LEVELS REFER TO THE SUM OF CYPERMETHRIN ISOMERS - WITHOUT METABOLITES). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FPPDD,77,,58,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> JUL1990
GBR	REG	USE	PESTI	PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> 1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100 - 80 PERCENT (SOLID) OR 100 - 32 PERCENT (LIQUID). UN NOS. 2588, 2902, 2903, 3021. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCT;LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01-0.2 MG/KG; ADI = 0.003 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,1987 <u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	AMBI	MAC	0.04 MG/M3 1X/D 0.01 MG/M3 AV/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,5158-89,,1989 <u>Effective Date :</u> NOV1989 <u>Entry / Update :</u> JUL1990

Common Name : **Cypermethrin**

RTECS Number : **GZ1250000**

CAS Number : **52315-07-8**

Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-2.0 MG/KG. <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01JAN1990 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Entry / Update :</u> 1992
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE. <u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference :</u> PFBK*,,,1991 <u>Effective Date :</u> **APR1992 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100 - 80 PERCENT (SOLID) OR 100 - 32 PERCENT (LIQUID). UN NOS. 2588, 2902, 2903, 3021. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162, <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME CYPERMETHRINTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESID UES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992

Common Name : 2,4-D

RTECS Number : AG6825000

CAS Number : 94-75-7

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	FOOD	-	MXL	0.5-5.0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969	<u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
ARG	REG	FEED	-	MXL	20 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969	<u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
ARG	REG	AIR	OCC	MPC	8H-TWA: 10 MG/M3 <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,,1,1979 <u>Last Amendment :</u> ARGOB*,27145,,1,4,1991	<u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-2 MG/KG; SECURITY INTERVAL: 30 DAYS (DIFFERENT FOR CERTAIN USES); PROVISIONAL TOXICITY CLASS: II,III (DEPENDONGON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,8,1984 <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1985
CAN	REC	AQ	DRINK	MAC GL	MAC: 0.1 MG/L. UNDER REVIEW. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL- PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEYSPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,,1989 <u>Last Amendment :</u>	<u>Effective Date :</u> 1989 <u>Entry / Update :</u> NOV1991
CAN	REG	AIR	OCC	TLV	TWA: 10 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Last Amendment :</u>	<u>Effective Date :</u> 13MCH1986 <u>Entry / Update :</u> MCH1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS A HERBICIDE. (FORMULATION: GRANULAR; PELLET; SOLUTION; SOLID; TABLET; DUST OR POWDER). APPLIES TO 2,4-D PRESENT AS ACID. CODE DXA. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Last Amendment :</u>	<u>Effective Date :</u> 11AUG1988 <u>Entry / Update :</u> JUN1991

Common Name : 2,4-D

RTECS Number : AG6825000

CAS Number : 94-75-7

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 2-5 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 25NOV1976 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS HERBICIDE (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; SOLUTION; GRANULAR; PRESSURIZED PRODUCT TABLET). APPLIES TO 2,4-D PRESENT AS AMINE SALTS: DIMETHYLAMINE SALT, DIETHANOLAMINE SALT, OR OTHER AMINE SALTS. CODE DXB. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER PHENOXY PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO 2,4-D ESTERS). <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER PHENOXY PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CSK	REG	AQ	DRINK	MAC	0.1 MG/L <u>Title :</u> WATER QUALITY. DRINKING WATER <u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991

Common Name : 2,4-D

RTECS Number : AG6825000

CAS Number : 94-75-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 50 MG/M3; AVERAGE VALUE; 2X/SHIFT. APPLIES TO 2,4-DICHLOROPHENOXY ACETIC ACID INCLUDING ITS SALTS AND ESTERS. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO AMINE AND ESTER FORMS, BUT NOT TO THE ACID.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF 2,4-D, ITS SALTS AND ESTERS, CALCULATED AS 2,4-D.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22), XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (R 36/37).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%AND AS HARMFUL AT >2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.3 MG/KG BW; MRL: CITRUS FRUIT: 2 MG/KG; BARLEY, OATS, RYE, WHEAT: 0.5 MG/KG; POTATOES, RAW CEREALS: 0.2 MG/KG; BLACKBERRIES, RASPBERRIES, VACCINIUM BERRIES: 0.1 MG/KG; EGGS, MEAT, MILK, MILK PRODUCTS: 0.05 MG/KG (EXPRESSED AS 2,4-D)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,20-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION : 3 WEEKS. (APPLIES TO 2,4-D WITH MALEIC HYDRAZIDE)</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>

Common Name : 2,4-D

RTECS Number : AG6825000

CAS Number : 94-75-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	<p>APPROVED FOR APPLICATION BY 'ULV' MACHINES. (APPLIES TO 2,4-D ALONE OR WITH AMINOTRIAZOLE AND ATRAZINE). SPECIFIC USES ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3 - 10 MIN- STEL: 20 MG/M3</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3. STEL (10 MIN-TWA): 20 MG/M3</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-75% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,6222,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIAL FOOD PRODUCTS: 0.2 MG/KG.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,410,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
MEX	REG	AQ	AMBI	MPC	<p>0.010 MG/L OF DERIVATIVES OF 2,4-D IN COASTAL WATERS</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>
MEX	REG	AQ	AMBI	MPC	<p>0.10 MG/L OF 2,4-D DERIVATIVES IN ESTUARIES</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>

Common Name : 2,4-D

RTECS Number : AG6825000

CAS Number : 94-75-7

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	SOIL	-	MAC	0.1 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKPP*,3034-84,,,1984	<u>Effective Date :</u> MAY1984 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	PSL CLASS	0.1 MG/L (APPLIES TO ALL ISOMERS OF DICHLOROPHENOXYACETIC ACID); HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988	<u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	FOOD	-	PRO ADI	PESTICIDE PROHIBITED IN ALL FOOD PRODUCTS. (APPLIES TO 2,4-D AND ITS LOW VOLATILE ESTERS); ADI = 0.001 MG/KG (CALCULATED VALUE). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983	<u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
RUS	REG	FEED	-	MRL	0.1 MG/KG (DAIRY CATTLE); 0.6 MG/KG (FATTENING CATTLE) (APPLIES TO 2,4-D AND ITS DERIVATIVES) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982	<u>Effective Date :</u> APR1981 <u>Entry / Update :</u> OCT1985
SWE	REG	FOOD	PESTI	MTC	PLANT (SPECIFIED) : 0.1-2 MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989	<u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
SWE	REG	USE	PESTI	PRO	ALL PRODUCTS CONTAINING 2,4-D WERE WITHDRAWN FROM THE MARKET DUE TO CONCERNS RAISED BY TOXICOLOGICAL AND EPIDEMIOLOGICAL REPORTS. <u>Title :</u> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN <u>Reference :</u> KEMIB*,,,1990 <u>Last Amendment :</u>	<u>Effective Date :</u> ** 1990 <u>Entry / Update :</u> FEB1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-75% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989	<u>Effective Date :</u> <u>Entry / Update :</u> MAY1986

Common Name : 2,4-D

RTECS Number : AG6825000

CAS Number : 94-75-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 10 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>500 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,80,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,80,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>10.0 MG/L. THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p><u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>CAS NUMBER FOR PARENT COMPOUND. THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). (APPLIES TO 2,4-D SALTS AND ESTERS).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG))!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES: CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>

Common Name : 2,4-D

RTECS Number : AG6825000

CAS Number : 94-75-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, 2,4-D, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>CONCENTRATION LIMITS IN GROUND WATER FOR HAZARDOUS CONSTITUENTS, ESTABLISHED UNDER SEC 264.93, MUST NOT EXCEED THE BACKGROUND LEVEL SET AT THE INITIAL TESTING. IF THE BACKGROUND LEVEL AT THE INITIAL TESTING TIME IS BELOW 0.1 MG/L THIS SUBSTANCE MUST NOT EXCEED 0.1 MG/L IN FUTURE TESTING 40 CFR 264.94 (1990) THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	DRINK	MPC	<p>0.07 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61. COMPLIANCE IS CALCULATED PURSUANT TO 40 CFR 141.24. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>CAS NUMBER FOR PARENT COMPOUND. THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). (APPLIES ALSO TO ITS SALTS AND ESTERS).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : 2,4-D

RTECS Number : AG6825000

CAS Number : 94-75-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ	CONSM	MPC	0.1 MG/LBOTTLED WATER SHALL, WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN 21 CFR 103.35(D) (1) (II), MEET STANDARDS OF CHEMICAL QUALITY AND SHALL NOT CONTAIN CHEMICAL SUBSTANCES IN EXCESS OF THE FOLLOWI NG CONCENTRATIONS. <u>Title :</u> FEDERAL FOOD, DRUG AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS: BOTTLED WATER <u>Reference :</u> FEREAC,42,,14325,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,103,35,1989 <u>Entry / Update :</u> NOV1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
WHO	REC	AQ AQ	DRINK PESTI	GL GL	30 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference :</u> WHODW*,,,1983 <u>Effective Date :</u> <u>Last Amendment :</u> WHODW*,,,1992 <u>Entry / Update :</u> OCT1992

Common Name : Dalapon

RTECS Number : UF0690000

CAS Number : 75-99-0

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 6 MG/M3 (1 PPM) <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-35 MG/KG; SECURITY INTERVAL: 14 DAYS - 8 MONTHS (ALSO OTHER VALUES DEPENDING ON USE); PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	AIR	OCC	TLV	TWA: 1 PPM, 6 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 1-15 PPM. THESE LIMITS ARE PRESCRIBED BY THEFOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,1988,1990 <u>Effective Date :</u> 25NOV1976 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER CORROSIVE LIQUIDS, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE DAL. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLYREGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991

Common Name : **Dalapon**RTECS Number : **UF0690000**CAS Number : **75-99-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference</u> : SPPOR*,290,1990 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 1 ML/M3 (PPM); 6 MG/M3 (20C, 101.3 KPA). APPLIES TO 2,2-DICHLOROPROPIONIC ACID AND ITS SODIUM SALT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 50.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG.</p> <p><u>Title</u> : RDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTI NG AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION : 5 WEEKS</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	TRNSP AQ AQ	MARIN EMI	RQR RSTR RSTR	<p>CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-1.0 MG/KG. ADI = 0.02 MG/KG BW.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JAN1988</p> <p><u>Last Amendment</u> : MDUPP*,4540-87,,1987 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-1.0 MG/KG. ADI = 0.02 MG/KG.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JUN1983</p> <p><u>Last Amendment</u> : MDUPP*,2823-83,,1983 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 10.0 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>

Common Name : Dalapon

RTECS Number : UF0690000

CAS Number : 75-99-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	PSL	0.03 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUAV*,2947-83,,1983 <u>Effective Date :</u> DEC1983 <u>Entry / Update :</u> SEP1985
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 PPM, 5.8 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	5000 (2270) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, DALAPON, 1987.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREC,54,34,7740,1989 <u>Last Amendment :</u> FEREC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : **Dalapon Sodium**RTECS Number : **UF1225000**CAS Number : **127-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	8H-TWA: 1 ML/M3 (PPM); 6 MG/M3 (20C, 101.3 KPA). APPLIES TO 2,2-DICHLOROPROPIONIC ACID AND ITS SODIUM SALT. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 1.0-35.0 MG/KG. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : - <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1986 <u>Last Amendment</u> : SCHSB*,1986-90,,,1987 <u>Entry / Update</u> : NOV1987
RUS	REG	AQ	SURF	MAC CLASS	2.0 MG/L HAZARD CLASS: III <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990
RUS	REG	SOIL	-	MAC	0.5 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JUN1981 <u>Last Amendment</u> : PDKPP*,2401-81,,,1981 <u>Entry / Update</u> : OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 3.0 MG/L <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : PDKTV*,,,1978 <u>Entry / Update</u> : JUN1982
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, DALAPON, 1987.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992
USA	REG	AQ	DRINK	CLASS	FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989 <u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991

Common Name : DBCP

RTECS Number : TX8750000

CAS Number : 96-12-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	USE	-	PRO	PROHIBITED FOR USE IN CULTIVATION, COMMERCE AND INDUSTRIAL PROCESSING OF TOBACCO. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,80,,,1971 <u>Effective Date :</u> 20DEC1971 <u>Entry / Update :</u> 1982
ARG	REG	FOOD	-	MXL	10-250 MG/KG (CALCULATED AS INORGANIC BR). RANGE APPLIES FOR VARIOUS FRUITS <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
ARG	REG	GOODS	-	MXL	TOBACCO 0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,80,,,1971 <u>Effective Date :</u> 20DEC1971 <u>Entry / Update :</u> 1982
ARG	REG	USE	-	PRO	PROHIBITED FOR USE AS ANTIWEEVIL AGENT ON SEEDS AND SEED PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,47,,,1972 <u>Effective Date :</u> 1JUN1972 <u>Entry / Update :</u> 1982
ARG	REG	TRNSP STORE PACK LABEL SALE	-	RSTR	CONDITIONS FOR TRANSPORT, STORAGE, PACKAGING, LABELLING AND COMMERCE. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADECG*,2678,,, <u>Effective Date :</u> 10JUN1969 <u>Entry / Update :</u> 1982
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2872. CLASS (6.1): POISONOUS. PACKING GROUP III. (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 220 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 06DEC1990 <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1%WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 31DEC1987 <u>Entry / Update :</u> APR1991
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. NOT REGISTERED AS A PESTICIDE. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> JAN1992

Common Name : DBCP

RTECS Number : TX875000

CAS Number : 96-12-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>FRUIT VEGETABLES: 0.01 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IC, I.E. WHEN SOLID: AS TOXIC AT CONCS. >33% AND AS HARMFUL AT >1.7-33%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >20% AND AS HARMFUL >1-20%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>

Common Name : **DBCP**RTECS Number : **TX8750000**CAS Number : **96-12-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). MUTA.CAT.2; MAY CAUSE HERITABLE GENETIC CHANGES (R 46). T - TOXIC; TOXIC IF SWALLOWED (R 25). XN - HARMFUL; HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION AND IF SWALLOWED (R 48/20/22). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); MAY CAUSE HERITABLE GENETIC CHANGES (R 46); TOXIC IF SWALLOWED (R 25); HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION AND IF SWALLOWED (R 48/20/22); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-85% (SOLID) OR 100-34% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO DIBROMOCHLOROPROPAN ES). UN NO. 2872.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>
KEN	REG	USE USE	AGRIC PESTI	PRO PRO	<p>TOTAL BAN AS A PESTICIDE. REASONS FOR THE CONTROL ACTION: BANNING WAS DUE TO THE HEAVY RISK ASSOCIATED WITH THE PESTICIDE, ESPECIALLY TO SMALL-SCALE FARMERS AND RISK OF CONTRACTING CANCER.</p> <p><u>Title</u> : PEST CONTROL PRODUCTS BOARD DECISION REF. PCPB/1/Π/95 OF 22/4/85</p> <p><u>Reference</u> : KENPC*,,,1985 <u>Effective Date</u> : 22APR1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1986</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 5.0-130.0 MG/KG.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : -</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
MEX	-	USE USE	AGRIC PESTI	PRO PRO	<p>PROHIBITED AGRICULTURAL PESTICIDE. REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT (POTENTIALLY DANGEROUS AS A CARCINOGEN AND MUTAGEN).</p> <p><u>Title</u> : REGISTRO INTERNO EN LA DIRECCION GENERAL DE SANIDAD Y PROTECCION AGROPECUARIA Y FORESTAL, SARH (INTERNAL REGISTER OF THE GENERAL DIRECTION OF HEALTH AND PROTECTION FOR AGRICULTURE AND FORESTRY)</p> <p><u>Reference</u> : MEXRI*,,, <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1987</p>
RUS	REG	AIR	AMBI	MAC	<p>0.0004 MG/M3, 1X/D; 0.00003 MG/M3, AV/D (CALCULATED VALUES)</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,1978 <u>Entry / Update</u> : JUN1982</p>
RUS	REG	USE	AGRIC	PRO	<p>PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: GONADOTOXIC, (CONFIRMED IN HUMAN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : OSUMH*,,,30MCH,1978 <u>Entry / Update</u> : AUG1988</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.01 MG/L HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Effective Date</u> : 1JAN1989</p> <p><u>Entry / Update</u> : JUL1990</p>

Common Name : **DBCP**RTECS Number : **TX8750000**CAS Number : **96-12-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO PRO	<p>NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP A (= IT IS NOT PERMITTED, EXCEPT IN CERTAIN SPECIFIED CASES IF SPECIAL AUTHORIZATION HAS BEEN OBTAINED FROM RESPONSIBLE AUTHORITIES, TO USE OR HANDLE THE SUBSTANCE OR ITS SALTS, NOR PRODUCTS CONTAINING IT AS AN ADDITIVE OR AS A CONTAMINANT IN CONCENTRATIONS OF 0.1% OR MORE).</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
SWE	REG	USE	PESTI	PRO	<p>WITHDRAWN FROM MARKET BECAUSE OF DISTURBANCES IN THE HUMAN SPERMATOGENESIS</p> <p><u>Title :</u> DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3. STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..."</p> <p><u>Reference :</u> NPPBD*,,,1984 <u>Effective Date :</u> ** 1978</p> <p><u>Last Amendment :</u> SVENF*,1985:426,,4,1978 <u>Entry / Update :</u> FEB1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2872.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> JUN1986</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AJ = 100-85% (SOLID) OR 100-34% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title :</u> SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference :</u> FEREAC,54,97,22140,1989 <u>Effective Date :</u> MAY221989</p> <p><u>Last Amendment :</u> FEREAC,54,97,22104,1989 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>

Common Name : DBCP

RTECS Number : TX8750000

CAS Number : 96-12-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ	DRINK	MPC	<p>0.0002 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.61 MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	GRND	MONIT	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
WHO	REC	AQ	DRINK	GL	<p>1 UG/L (FOR 1/100 000 EXCESS CANCER RISK). THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : DDD

RTECS Number : KI0700000

CAS Number : 72-54-8

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL = 0.5-5.0 PPM (CALCULATED ON THE FAT CONTENT, EXCEPT FOR FISH AND EGGS); SPECIFIED PLANT PRODUCTS, MRL = 0.5 PPM. (APPLIES TO DDT INCLUDING METABOLITES DDD AND DDE). THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 29JUL1982 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER ORGANOCHLORINE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT. THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THEY ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1989 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CSK	REG	FEED	-	MXL	MXL: 0.1 MG/KG (APPLIES TO TOTAL FEEDING STUFF), 0.1-1.0 MG/KG (APPLIES TO SPECIFIC FEEDING STUFFS) (EXPRESSED AS SUM OF DDT, DDD AND DDE) <u>Title :</u> NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH <u>Reference :</u> SZCSR*,25,609,1987 <u>Effective Date :</u> 1JAN1988 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1-2.0 MG/KG (CALCULATED AS SUM OF DDD, DDE AND DDT ON FAT BASIS). <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986 <u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991
DEU	REC	AQ USE	-	CLASS RQR	INDST THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN, MILK, MILK PRODUCTS: 1.0 MG/KG LIPID WEIGHT. FISH, CRUSTACEAN, MOLLUSCA, AND THEIR PRODUCTS: 2.0 - 5.0 MG/KG WET WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.5 MG/KG WET WEIGHT. APPLIES TO THE SUM OF DDT, DDE, DDD, AND THEIR ISOMERS, CALCULATED AS DDT. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DDT, DDD, DDE, AND THEIR ISOMERS, CALCULATED AS DDT. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991

Common Name : DDD

RTECS Number : KI0700000

CAS Number : 72-54-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	GOODS	PESTI	MRL	TOBACCO: 10.0 MG/KG. APPLIES TO THE SUM OF DDT, DDD, DDE, AND THEIR ISOMERS; CALCULATED AS DDT. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.1 MG/KG (AS THE SUM OF P,P'DDT, P-PDDT, P,P'DDE AND P-PTDE). <u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982
EEC	REG	FOOD	PESTI	MRL	CEREALS (GENERAL): 0.05 MG/KG (SUM OF DDT-, TDE- AND DDE-ISOMERS, EXPRESSED AS DDT) <u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC). <u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988 <u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987
EEC	REG	FOOD	PESTI	MRL	0.01-1 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,04 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK. (APPLIES TO DDT (SUM OF DDT-, TDE- AND DDE-ISOMERS, EXPRESSED AS DDT). <u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FOODSTUFFS OF ANIMAL ORIGIN. (86/363/EEC). <u>Reference</u> : OJEC**,L221,,43,1986 <u>Effective Date</u> : 30JUN1988 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1987
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	LIMIT VALUES FOR DDT IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONCENTRATION OF DDT OR MONTHLY AVERAGE IN WEIGHT/T OF SUBSTANCES PRODUCED, HANDLED OR USED) WHICH ARE TO BE COMPLIED WITH BY 1.1.1988 ARE FOR: PRODUCTION OF DDT INCLUDING FORMULATION OF DDT ON THE SAME SITE (DDT MEANS THE SUM OF THE ISOMERS P,P'-DDT, O,P'-DDT, DDD AND DDE): 0.7 MG/L OF WATER DISCHARGED OR 8G/T OF SUBSTANCES PRODUCED. DAILY AVERAGE VALUES ARE: 1.3 MG/LOR 16G/T. FROM 1.1.1991 THE LIMIT VALUES ARE:0.2 MG/L OR 4G/T (MONTHLY AVERAGE); 0.4 MG/L OR 8G/T (DAILY AVERAGE). QUALITY OBJECTIVES FOR SURFACE WATERS IN THE AREA AFFECTED BY DISCHARGES WHICH ARE TO BE COMPLIED WITH BY 1.1.1988 ARE: 10NG P,P-DDT/LOF WATER OR 25NG TOTAL DDT/L OF WATER. REFERENCE METHOD OF MEASUREMENT: GAS CHROMATOGRAPHY. <u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF CERTAIN DANGEROUS SUBSTANCES INCLUDED IN LIST I OF THE ANNEX TO DIRECTIVE 76/464/EEC. (86/280/EEC). <u>Reference</u> : OJEC**,L181,,16,1986 <u>Effective Date</u> : 01JAN1988 <u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992
EEC	REG	FEED	-	MPC	MAXIMUM PERMITTED LEVELS OF DDT (SUM OF DDT-, TDE- AND DDE- ISOMERS EXPRESSED AS DDT) FOR ALL FEEDINGSTUFFS: 0,05 MG/KG EXCEPT FATS: 0,5 MG/KG. <u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC). <u>Reference</u> : OJEC**,L38,,31,1974 <u>Effective Date</u> : 03DEC1990 <u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : MAY1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 1.0-7.0 MG/KG. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
MEX	REG	AQ	AMBI	MPC	3.0 UG/L IN COASTAL WATERS <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AQ	AMBI	MPC	0.03 MG/L IN ESTUARIES <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982

Common Name : DDD

RTECS Number : KI0700000

CAS Number : 72-54-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
RUS	REG	USE MANUF	-	PRO PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> KGTXP*,,,1981 <u>Effective Date :</u> <u>Entry / Update :</u> NOV1982
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.0 MG/L (APPLIES TO CHLOROORGANIC COMPOUNDS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1985
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0,05-1.0 MG/KG (INCL. DDT, DDD AND DDE) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
SWE	REG	FOOD	PESTI	MTC	ANIMAL PRODUCTS: 0.05-5 MG/KG (INCL. DDT AND DDE) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> <u>Effective Date :</u> 01MCH1983 <u>Entry / Update :</u> 1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Entry / Update :</u> NOV1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991

Common Name : DDD

RTECS Number : KI0700000

CAS Number : 72-54-8

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 1 MG/M3. POTENTIAL CARCINOGEN. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	USE USE CLASS	AGRIC CONSM	PRO RSTR CLASS	USE NOT AUTHORIZED IN AGRICULTURE; PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE NOT AUTHORIZED IN DOMESTIC SANITATION; EXCLUSIVELY FOR USE IN PUBLIC HEALTH CAMPAIGNS UNDER THE SUPERVISION OF THE MINISTRY OF HEALTH. <u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REC	AQ	DRINK	MAC GL	MAC: 0.03 MG/L. (APPLIES TO DDT + METABOLITES). UNDER REVIEW. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEYSPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1985. CODE DDT. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLYREGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	AIR	OCC	TLV	TWA: 1 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL = 0.5-5.0 PPM (CALCULATED ON FAT THE FAT CONTENT EXCEPT FOR FISH AND EGGS). SPECIFIEDPLANT PRODUCTS: 0.5 PPM. (APPLIES TO DDT INCLUDING METABOLITES TDE, DDD OR DDE). THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENTOF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENTIN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 29JUL1982 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER ORGANOCHLORINE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER ORGANOCHLORINE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CSK	REG	FEED	-	MXL	MXL: 0.1 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.1-1.0 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS) (EXPRESSED AS SUM OF DDT, DDD AND DDE) <u>Title :</u> NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH <u>Reference :</u> SZCSR*,25,609,1987 <u>Effective Date :</u> 1JAN1988 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CSK	REG	AQ	DRINK	MAC	0.001 MG/L <u>Title :</u> WATER QUALITY. DRINKING WATER <u>Reference :</u> CSNOR*,757111,,,1989 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1-2.0 MG/KG (CALCULATED AS SUM OF DDD, DDE AND DDT ON FAT BASIS). <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986 <u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 10 MG/M3; AVERAGE VALUE; IX/SHIFT, DANGER OF CUTANEOUS ABSORPTION. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN, MILK, MILK PRODUCTS: 1.0 MG/KG LIPID WEIGHT. FISH, CRUSTACEAN, MOLLUSCA, AND THEIR PRODUCTS: 2.0 - 5.0 MG/KG WET WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.5 MG/KG WET WEIGHT. APPLIES TO THE SUM OF DDT, DDE, DDD, AND THEIR ISOMERS, CALCULATED AS DDT.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	FOOD GOODS	PESTI PESTI	MRL MRL	<p>IT IS PROHIBITED TO MARKET FOOD OF ANIMAL ORIGIN, AND PRODUCTS USED FOR CLEANING, COLOURING AND OTHER TREATMENTS OF THE SKIN, THE HAIR AND THE MOUTH IF THEY CONTAIN A HIGHER LEVEL OF DDT RESIDUES THAN THE MAXIMUM LIMIT SET BY THE DEPARTMENT FOR YOUTH, FAMILY AND HEALTH.</p> <p><u>Title</u> : LAW ON DDT (DDT-GESETZ)</p> <p><u>Reference</u> : BGZBAD,,I,1385,1972 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : BGZBAD,,I,1505,1986 <u>Entry / Update</u> : JAN1992</p>
DEU	REG	GOODS	PESTI	MRL	<p>TOBACCO: 10.0 MG/KG. APPLIES TO THE SUM OF DDT, DDD, DDE, AND THEIR ISOMERS; CALCULATED AS DDT.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DDT, DDD, DDE, AND THEIR ISOMERS, CALCULATED AS DDT.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	MANUF IMPRT EXPRT SALE USE	-	PRO PRO PRO PRO PRO	<p>IT IS PROHIBITED TO MANUFACTURE, IMPORT, EXPORT, MARKET, PROCURE AND USE DDT AND ITS ISOMERS AND PRODUCTS CONTAINING DDT AS AN ACTIVE INGREDIENT.</p> <p><u>Title</u> : LAW ON DDT (DDT-GESETZ)</p> <p><u>Reference</u> : BGZBAD,,I,1385,1972 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : BGZBAD,,I,1505,1986 <u>Entry / Update</u> : JAN1992</p>

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	<p>LIMIT VALUES FOR DDT IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONCENTRATION OF DDT OR MONTHLY AVERAGE IN WEIGHT/T OF SUBSTANCES PRODUCED, HANDLED OR USED) WHICH ARE TO BE COMPLIED WITH BY 1.1.1988 ARE FOR: PRODUCTION OF DDT INCLUDING FORMULATION OF DDT ON THE SAME SITE (DDT MEANS THE SUM OF THE ISOMERS P,P'-DDT, O,P'-DDT, DDD AND DDE): 0.7 MG/L OF WATER DISCHARGED OR 8G/T OF SUBSTANCES PRODUCED. DAILY AVERAGE VALUES ARE: 1.3 MG/L OR 16G/T. FROM 1.1.1991 THE LIMIT VALUES ARE: 0.2 MG/L OR 4G/T (MONTHLY AVERAGE); 0.4 MG/L OR 8G/T (DAILY AVERAGE). QUALITY OBJECTIVES FOR SURFACE WATERS IN THE AREA AFFECTED BY DISCHARGES WHICH ARE TO BE COMPLIED WITH BY 1.1.1988 ARE: 10NG P,P-DDT/LOF WATER OR 25NG TOTAL DDT/L OF WATER. REFERENCE METHOD OF MEASUREMENT: GAS CHROMATOGRAPHY.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF CERTAIN DANGEROUS SUBSTANCES INCLUDED IN LIST I OF THE ANNEX TO DIRECTIVE 76/464/EEC. (86/280/EEC).</p> <p><u>Reference</u> : OJEC**,L181,,16,1986 <u>Effective Date</u> : 01JAN1988</p> <p><u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.05 MG/KG (SUM OF DDT-, TDE- AND DDE-ISOMERS, EXPRESSED AS DDT)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF DDT (SUM OF DDT-, TDE- AND DDE- ISOMERS EXPRESSED AS DDT) FOR ALL FEEDINGSTUFFS: 0,05 MG/KG EXCEPT FATS: 0,5 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1973 ON THE FIXING OF MAXIMUM PERMITTED LEVELS FOR UNDESIRABLE SUBSTANCES AND PRODUCTS IN FEEDINGSTUFFS (74/63/EEC).</p> <p><u>Reference</u> : OJEC**,L38,,31,1974 <u>Effective Date</u> : 03DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : MAY1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.1 MG/KG (AS THE SUM OF P,P'DDT, P-PDDT, P,P'DDE AND P-PTDE)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IC, I.E. WHEN SOLID: AS TOXIC AT CONCS. >33% AND AS HARMFUL AT >1.7-33%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >20% AND AS HARMFUL >1-20%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	EXPRT	PESTI	RQR	<p>DDT IS BANNED/SEVERELY RESTRICTED ON ACCOUNT OF ITS EFFECTS ON HUMAN HEALTH AND THE ENVIRONMENT. IT IS SUBJECT TO NOTIFICATION: WHEN IT IS EXPORTED FOR THE FIRST TIME FROM THE COMMUNITY TO A THIRD COUNTRY, APPROPRIATE AUTHORITIES IN THE EXPORTING COUNTRY SHALL NOTIFY APPROPRIATE AUTHORITIES OF THE COUNTRY OF DESTINATION IF POSSIBLE PRIOR TO EXPORT. THIS CHEMICAL IS SUBJECT TO MEASURES ON PACKAGING AND LABELLING. (THIS REGULATION ALSO PROVIDES FOR NOTIFICATION BY A THIRD COUNTRY CONCERNING ITS EXPORT TO THE COMMUNITY OF A CHEMICAL SUBJECT TO PROHIBITION OR SUBSTANTIAL LEGAL RESTRICTION UNDER THAT COUNTRY'S LEGISLATION).</p> <p><u>Title</u> : COUNCIL REGULATION (EEC) NO 1734/88 OF 16 JUNE 1988 CONCERNING EXPORT FROM AND IMPORT INTO THE COMMUNITY OF CERTAIN DANGEROUS CHEMICALS.</p> <p><u>Reference</u> : OJEC**,L155,,2,1988 <u>Effective Date</u> : 22JUN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IF SWALLOWED (R 25); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/25). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: T - TOXIC; TOXIC IF SWALLOWED (R 25); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/25); DO NOT BREATHE DUST (S 22); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : **DDT**RTECS Number : **KJ3325000**CAS Number : **50-29-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	PRO PRO PRO	MEMBER STATES SHALL ENSURE THAT PLANT PROTECTION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCE ALONE OR IN COMBINATION WITH OTHER ACTIVE SUBSTANCES LISTED MAY NEITHER BE PLACED ON THE MARKET NOR USED. <u>Title</u> : COUNCIL DIRECTIVE OF 21 DECEMBER 1978 PROHIBITING THE PLACING ON THE MARKET AND USE OF PLANT PROTECTION PRODUCTS CONTAINING CERTAIN ACTIVE SUBSTANCES. (79/117/EEC). <u>Reference</u> : OJEC**L33,,36,1979 <u>Effective Date</u> : 01JAN1986 <u>Last Amendment</u> : OJEC**L92,,42,1991 <u>Entry / Update</u> : JAN1992
EEC	REG	FOOD	PESTI	MRL	0,01-1 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,04 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK. (APPLIES TO DDT (SUM OF DDT-, TDE- AND DDE-ISOMERS, EXPRESSED AS DDT). <u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FOODSTUFFS OF ANIMAL ORIGIN. (86/363/EEC). <u>Reference</u> : OJEC**L221,,43,1986 <u>Effective Date</u> : 30JUN1988 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1987
FW	REC	FOOD FOOD FOOD	-	ADI MRL ERL	ADI: 0.02 MG/KG BW; MRL (TEMPORARY): FRUIT, VEGETABLES: 1 MG/KG; ERL: CARCASE MEAT (IN CARCASE FAT): 5 MG/KG; EGGS (SHELL-FREE BASIS): 0.5 MG/KG; CEREAL GRAINS: 0.1 MG/KG; MILK: 0.05 MG/KG (EXPRESSED AS SUM OF P,P'-DDT, O,P'-DDT, P,P'-DDE AND P,P'-TFE (DDD)) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,21-IV,1986 <u>Entry / Update</u> : APR1991
GBR	REC	USE	AGRIC PESTI	PRO	WITHDRAWAL OF INSECTICIDAL USES IN HOME GARDENS AND HOME KITCHEN AND LARDER (1971). WITHDRAWAL OF USE OF DDT IN THERMAL VAPORISERS (INCLUDING CONTINUOUS FLOW AEROSOLS, VAPORISERS, ELECTRIC FUMIGATORS) (1972/1973). WITHDRAWAL OF INSECTICIDAL USES IN FOOD STORAGE PRACTICE INCLUDING THERMAL VAPORISERS (1978). WITHDRAWAL OF RODENTICIDAL USES (1980). WITHDRAWAL OF INSECTICIDAL USES IN AGRICULTURE AND HORTICULTURE (CULMINATING IN COMPLETE WITHDRAWAL OF DDT IN UK) (1984). REASONS FOR THE CONTROL ACTION: USES PHASED OUT FROM 1971 ONWARDS, CULMINATING IN COMPLETE WITHDRAWAL IN OCTOBER 1984 FOR ENVIRONMENTAL REASONS(ABILITY TO ACCUMULATE IN ANIMALS AND BIRDS). <u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE. <u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : 1984 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985
GBR	REG	FEED SALE USE	PESTI PESTI PESTI	MRL RSTR RSTR	THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.05-0.5 MG/KG (SUM OF DDT, TDE AND DDE ISOMERS, EXPRESSED AS DDT) REFERRED TO A MOISTURE CONTENT OF 12% IS PROHIBITED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 74/63/EEC, LAST AMENDED BY 91/132/EEC. <u>Title</u> : THE FEEDING STUFFS REGULATIONS 1991 <u>Reference</u> : GBRSI*,2840,,,1991 <u>Effective Date</u> : 22JAN1992 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 1 MG/M3. STEL (10 MIN-TWA): 3 MG/M3. <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>ALL ISOMERS OF DDT ARE PRESCRIBED SUBSTANCES (RED LIST): RELEASE INTO WATER IS PROHIBITED OR RESTRICTED. AUTHORISATION, SUBJECT TO LOCAL CONTROL, IS REQUIRED WHERE RELEASE OF PRESCRIBED SUBSTANCES INTO WATER MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: ELECTROLYTIC EXTRACTION OR RECOVERY OF ALUMINIUM; PAPER PULP AND PAPER MAKING; TREATMENT OF TEXTILES; TIMBER PROCESSING, THE TREATMENT AND PROCESSING OF ANIMAL OR VEGETABLE MATTER; PRODUCTION OF ANTIMONY, ARSENIC, BERYLLIUM, GALLIUM, INDIUM, LEAD, PALLADIUM, PLATINUM, SELENIUM, TELLURIUM OR THALLIUM & THEIR COMPOUNDS; RECOVERY PROCESSES. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 84/360/EEC.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,22,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.04-1.0 MG/KG (AS THE SUM OF PARA, PARA'-DDT; ORTHO, PARA'-DDT; PARA, PARA'-TDE AND PARA, PARA'-DDE EXPRESSED AS DDT). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	FEED SALE USE	PESTI PESTI PESTI	MRL RSTR RSTR	<p>THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.05-0.5 MG/KG (SUM OF DDT, TDE AND DDE ISOMERS, EXPRESSED AS DDT) REFERRED TO A MOISTURE CONTENT OF 12% IS PROHIBITED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 74/63/EEC, LAST AMENDED BY 91/132/EEC.</p> <p><u>Title</u> : THE FEEDING STUFFS REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2840,,1991 <u>Effective Date</u> : 22JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.01UG/L, FOR PARA-PARA-DDT (0.025 FOR TOTAL OF ALL DDT ISOMERS) AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 2 SUBSTANCES ARE NOT EXCEEDED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/280/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.01UG/L (0.025UG/L FOR TOTAL OF ALL ISOMERS) AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 1 SUBSTANCES ARE NOT EXCEEDED. THIS SYSTEM OF CLASSIFICATION IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATER (CLASSIFICATION) REGULATION 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/280/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN DDT IN CONCENTRATIONS WHICH EXCEED THOSE THAT WOULD BE PRESENT REGARDLESS OF THE ACTIVITIES WITHIN THE PREMISES FROM WHICH THE EFFLUENT IS DISCHARGED. SEWERAGE UNDERTAKERS MUST NOTIFY THE COMPETENT AUTHORITY WHERE THE DISCHARGE OF THESE EFFLUENTS MIGHT CONTAIN DDT IN CONCENTRATIONS GREATER THAN THE BACK-GROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC).</p> <p><u>Title</u> : THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1156,,2,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1629,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.04-1.0 MG/KG (AS THE SUM OF P,P'-DDT; O,P'-DDT; PP'-DDE AND PP'-DDE, EXPRESSED AS DDT). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title</u> : THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference</u> : GBRSI*,1378,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1MG/M3 - 10MIN-STEL: 3MG/M3</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>OES: 8H-TWA: 1MG/M3 STEL(10MIN-TWA): 3MG/M3</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-55% (SOLID) OR 100-20% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REG	CLASS - MANUF IMPRT USE		CLASS PRO PRO PRO	<p>A CLASS I SPECIFIED CHEMICAL SUBSTANCE (= A SUBSTANCE WHICH, IN ITSELF OR ONE OF ITS DEGRADATION PRODUCTS, IS NOT EASILY DEGRADABLE, WHICH BIOACCUMULATES, AND WHICH MAY BE HARMFUL TO HUMAN HEALTH WHEN INGESTED CONTINUOUSLY). THIS SUBSTANCE SHALL NOT BE MANUFACTURED, IMPORTED OR USED BY ANY PERSON WHO HAS NOT OBTAINED AUTHORISATION. NO ONE SHALL IMPORT ANY PRODUCT IN WHICH THIS SUBSTANCE IS CONTAINED.</p> <p><u>Title</u> : THE LAW CONCERNING THE EXAMINATION AND REGULATION OF MANUFACTURE ETC. OF CHEMICAL SUBSTANCES.</p> <p><u>Reference</u> : JPNCO*,,,1974 <u>Effective Date</u> : 02OCT1981</p> <p><u>Last Amendment</u> : JPNCO*,,,1981 <u>Entry / Update</u> : NOV1991</p>
JPN	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 MG/KG</p> <p><u>Title</u> : FOOD SANITATION LAW OF JAPAN</p> <p><u>Reference</u> : JPNFS*,,, <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.5-7.0 MG/KG. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : - <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
KEN	REG	USE USE	AGRIC PESTI	RSTR RSTR	RESTRICTED TO USE BY MINISTRY OF HEALTH ONLY.REASONS FOR THE CONTROL ACTION: ACTION TAKEN BECAUSE OF HEALTH HAZARDS. <u>Title</u> : PEST CONTROL PRODUCTS BOARD DECISION REF. PCPB/1/II/95 OF 22/4/85 <u>Reference</u> : KENPC*,,,1985 <u>Effective Date</u> : FEB1987 <u>Last Amendment</u> : <u>Entry / Update</u> : 1987
MEX	-	USE	AGRIC	PRO	PROHIBITED AGRICULTURAL PESTICIDE. REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT (BECAUSE OF ITS POTENTIAL CARCINOGENICITY IN HUMANS). <u>Title</u> : MANUAL DE PLAGUICIDAS AUTORIZADOS PARA 1982 (MANUAL OF AUTHORIZED PESTICIDES FOR 1982) <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : MEXMP*,,, <u>Entry / Update</u> : 1987
MEX	REG	AQ	AMBI	MPC	0.6 UG/L IN COASTAL WATERS <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AQ	AMBI	MPC	0.042 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY AND RECREATION <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AQ	AMBI	MPC	0.006 MG/L IN ESTUARIES <u>Title</u> : DIARIO OFICIAL <u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 3MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REC	FOOD EXPR IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.1-0.5 MG/KG;1.0 MG/KG (ANIMAL PRODUCTS ON FAT BASIS) (APPLIES TO SUM OF DDT AND ITS METABOLITES). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : AUG1984 <u>Last Amendment</u> : MDUPE*,3081-84,,,1984 <u>Entry / Update</u> : OCT1985
RUS	REG	FOOD	-	MRL ADI	LIMITS FOR BABY FOOD PRODUCTS: 0.005-0.2 MG/KG(APPLIES TO DDT AND ITS METABOLITES); ADI = 0.0025 MG/KG (CHILDREN) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : MCH1984 <u>Last Amendment</u> : MDUPP*,2974-84,,,1984 <u>Entry / Update</u> : OCT1985

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	FEED	-	MRL	0.05 MG/KG (APPLIES TO SUM OF DDT AND ITS METABOLITES)			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	APR1981
					<u>Last Amendment :</u>	SCHSB*,SUPL-4,,,1982	<u>Entry / Update :</u>	OCT1985
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: PERSISTENT, HIGHLY CUMULATIVE, CARCINOGENIC (APPLIES TO DDT AND DDT-BASED PRODUCTS)			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	
					<u>Last Amendment :</u>	OSUMH*,,,1970	<u>Entry / Update :</u>	AUG1988
RUS	REG	FOOD	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.005-3.0 MG/KG (APLIES TO DDT AND ITS METABOLITES). ADI = 0.005 MG/KG.			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	JUN1983
					<u>Last Amendment :</u>	MDUPP*,2823-83,,,1983	<u>Entry / Update :</u>	OCT1985
RUS	REG	AIR	AMBI	MAC	0.005 MG/M3 1X/D; 0.001 MG/M3 AV/D (CALCULATED VALUES)			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	
					<u>Last Amendment :</u>	PKDTV*,,,1978	<u>Entry / Update :</u>	JUN1982
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.1 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: I			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	01JAN1989
					<u>Last Amendment :</u>	GOSTS*,12.1.005,,,1988	<u>Entry / Update :</u>	MAY1990
RUS	REG	USE MANUF	-	PRO PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE IN AGRICULTURE			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	
					<u>Last Amendment :</u>	KGTXP*,,,1981	<u>Entry / Update :</u>	NOV1982
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: II			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	1JAN1989
					<u>Last Amendment :</u>	SPNPV*,4630-88,,,1988	<u>Entry / Update :</u>	JUL1990
RUS	REG	SOIL	-	MAC	0.1 MG/KG			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	DEC1973
					<u>Last Amendment :</u>	PKPP*,1134-73,,,1973	<u>Entry / Update :</u>	OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0 MG/L			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	
					<u>Last Amendment :</u>	PKDTV*,,,1978	<u>Entry / Update :</u>	JUN1982
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0,05-1.0 MG/KG (INCL. DDT, DDD AND DDE)			
					<u>Title :</u>	THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.		
					<u>Reference :</u>	SLVFS*,1983:1,,,1983	<u>Effective Date :</u>	01JAN1990
					<u>Last Amendment :</u>	SLVFS*,1989:29,,,1989	<u>Entry / Update :</u>	1992

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
SWE	REG	FOOD	PESTI	MTC	ANIMAL PRODUCTS: 0.05-5 MG/KG (INCL. DDD AND DDE) <u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Effective Date</u> : 01MCH1983 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
SWE	REG	USE	PESTI	PRO	ALL USES OF THIS PRODUCT AS A PESTICIDE HAVE BEEN BANNED. REASONS FOR THE CONTROL ACTION: DUE TO ITS PERSISTENCE AND ENVIRONMENTAL IMPACT. <u>Title</u> : DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3. STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..." <u>Reference</u> : PKBB*,,,1975 <u>Effective Date</u> : ** 1975 <u>Last Amendment</u> : SVENF*,1985:426,,,1985 <u>Entry / Update</u> : FEB1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-55% (SOLID) OR 100-20% (LIQUID). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Entry / Update</u> : MAY1986
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991

Common Name : DDT

RTECS Number : KJ3325000

CAS Number : 50-29-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981 <u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG))!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991 <u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME DOT; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESID UES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference</u> : FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992
WHO	REC	AQ AQ	DRINK PESTI	GL GL	2 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> : <u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992

Common Name : Deltamethrin

RTECS Number : GZ1233000

CAS Number : 52918-63-5

Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRMT CLASS	SPECIFIED PLANT PRODUCTS: 0.5-1 MG/KG; SECURITY INTERVAL: 1-37 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: AUHTORIZED.
					<p><u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,8,1984</p> <p><u>Effective Date</u> :</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : AUG1985</p>
BRA	REG	FOOD	-	AL	SPECIFIED PLANT PRODUCTS: 0.001-0.05MG/KG (*SECURITY*INTERVAL: 1-37 DAYS)
					<p><u>Title</u> : PORTARIA NO.</p> <p><u>Reference</u> : PMSBR*,12-10APR,,1980</p> <p><u>Effective Date</u> :</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : AUG1982</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE DBR. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.
					<p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,18,3601,1988</p> <p><u>Effective Date</u> : 11AUG1988</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : JUN1991</p>
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.
					<p><u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference</u> : SPPOR*,290,1990</p> <p><u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : DEC1991</p>
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON.
					<p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988</p> <p><u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990</p> <p><u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.
					<p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990</p> <p><u>Effective Date</u> :</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG.
					<p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989</p> <p><u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990</p> <p><u>Entry / Update</u> : DEC1991</p>
FW	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.01 MG/KG BW; MRL: TEA: 10 MG/KG; CEREAL STRAW, LEGUME ANIMAL FEEDS (DRY-WEIGHT BASIS): 0.5 MG/KG; ASSORTED FRUITS (EDIBLE PEEL), BULB VEGETABLES, LEGUME VEGETABLES, OILSEEDS, POME FRUIT: 0.1 MG/KG; ARTICHOKE, BANANAS, CLEMENTINES, COCOA BEANS, GRAPES, KIWI FRUIT, ORANGES, STONE FRUIT, STRAWBERRIES: 0.05 MG/KG; LEGUME OILSEEDS, MELONS, MUSHROOMS, PINEAPPLES, ROOT AND TUBER VEGETABLES: 0.01 MG/KG (EXPRESSED AS DELTAMETHRIN)
					<p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,135-IV,1986</p> <p><u>Entry / Update</u> : APR1991</p>

Common Name : **Deltamethrin**RTECS Number : **GZ1233000**CAS Number : **52918-63-5**

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
FAO	REC	FOOD FOOD FOOD	-	ADI MRL MRL	ADI: 0.01 MG/KG BW; MRL: TEA: 10 MG/KG; HOPS, WHEAT BRAN: 5 MG/KG; COFFEE BEANS: 2 MG/KG; CEREAL GRAINS, WHEAT FLOUR (WHOLEMEAL), BEANS (DRY), FIELD PEAS (DRY), LENTIL (DRY): 1 MG/KG; CEREAL STRAW, LEGUME ANIMAL FEEDS (DWT), LEAFY VEGETABLES: 0.5 MG/KG; BRASSICA LEAFY VEGETABLES, EDIBLE PEEL OF FRUITING VEGETABLES: 0.2 MG/KG; BULB VEGETABLES, LEGUME VEGETABLES, OILSEEDS, OLIVES, POME FRUITS, WHEAT FLOUR (WHITE): 0.1 MG/KG; ARTICHOKE, BANANAS, CLEMENTINES, COCOA BEANS, GRAPES, KIWI FRUIT, ORANGES (SWEET), STONE FRUITS, STRAWBERRIES: 0.05 MG/KG; FIG, LEGUME OILSEEDS, MELONS, MILK, MUSHROOMS, PINEAPPLES, ROOT AND TUBER VEGETABLES: 0.01 MG/KG. (LEVELS REFER TO DELTAMETHRIN ALONE, WITHOUT METABOLITES) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1987 <u>Last Amendment</u> : FPPPDD,84,,52,1987 <u>Entry / Update</u> : JUL1990
GBR	REG	USE	PESTI	PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. <u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference</u> : APFG**,,,89,1983 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : 1983
GBR	REG	USE	PESTI	RQR	AN OVERALL, RUBBER GLOVES & FACE-SHIELD MUST BE WORN WHEN HANDLING OR COMING INTO CONTACT WITH THE CONCENTRATE. FULL PROTECTIVE CLOTHING, I.E. OVERALL, HOOD, RUBBER GLOVES AND A RESPIRATOR IS NEEDED WHEN APPLYING AEROSOLS OR ATOMISING FLUIDS IN GLASS OR MUSHROOM HOUSES <u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference</u> : APFG**,,,89,1983 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : 1983
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1986 <u>Last Amendment</u> : SCHSB*,1986-90,,,1987 <u>Entry / Update</u> : NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1986 <u>Last Amendment</u> : SCHSB*,1986-90,,,1987 <u>Entry / Update</u> : NOV1987
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE. USE ON COVERED GROUND PROHIBITED REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC, PERSISTENT. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : OSUMH*,123-5/649/23,,25MAY,1984 <u>Entry / Update</u> : AUG1988
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01-0.1MGKG; ADI = 0.003MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JAN1988 <u>Last Amendment</u> : MDUPP*,4540-87,,,1987 <u>Entry / Update</u> : JUL1990
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE. <u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference</u> : PFBEK*,,,1991 <u>Effective Date</u> : **APR1992 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992

Common Name : Demeton-S-methyl

RTECS Number : TG1750000

CAS Number : 919-86-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD USE CLASS	-	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.1-1 MG/KG; SPECIFIED PLANT PRODUCTS: 0.05-0.5 MG/KG-PROVISIONAL TOLERANCES); SECURITY INTERVAL: 7-21 DAYS; SPECIFIED ANIMAL PRODUCTS: 0.05 MG/KG (AS NON-INTENTIONAL RESIDUES); PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.</p> <p><u>Title</u> : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,,,1,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
DEU	REC	AQ USE	-	INDST CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DEMETON-S-METHYL, OXYDEMOTON-METHYL, AND DEMETON-S-METHYL SULFONE, CALCULATED AS DEMETON-S-METHYL.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL) : 0.4 MG/KG, CARROTS : 0 MG/KG (LIMITS INCLUDE DEMETON-S-METHYL, DEMETON-S-METHYL SULFONC AND OXYDEMOTON-METHYL, CALCULATED AS DEMETON-S-METHYL-SULFONE)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN DEMETON-S-METHYL ARE CLASSIFIED INTO CLASS IB, I.E. WHEN SOLID: AS TOXIC AT CONCS >5% AND AS HARMFUL AT >0.25-5%; WHEN LIQUID OR GASEOUS: AS TOXIC AT CONCS >4% AND AS HARMFUL >0.2-4%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>

Common Name : **Demeton-S-methyl**RTECS Number : **TG1750000**CAS Number : **919-86-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: WITHDRAWN; MRL: CURRANTS (BLACK, RED, WHITE), GRAPES: 2 MG/KG; APPLES, PEACHES, PLUMS: 1 MG/KG; BLACKBERRIES, CITRUS FRUIT, GOOSEBERRIES, LETTUCE, PEARS, RASPBERRIES, STRAWBERRIES, SUMMER SQUASH: 0.5 MG/KG; BEANS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CANTALOUPE, CAULIFLOWER, CEREAL GRAINS, CUCUMBERS, EGGPLANTS, PEAS, POTATOES, PUMPKIN, WATERMELONS, WINTER SQUASH: 0.2 MG/KG; COTTONSEED, SUGAR BEETS, TURNIPS: 0.1 MG/KG; CARCASE MEAT OF CATTLE, PIGS AND SHEEP, CATTLE FAT, EGGS (SHELL-FREE BASIS), MILK, MILK PRODUCTS, NUTS (SHELLED), PIG FAT, POULTRY, POULTRY FAT, SHEEP FAT: 0.05 MG/KG (DETERMINED AS SUM OF DEMETON-S-METHYL, ITS SULPHOXIDE AND SULFONE, EXPRESSED AS DEMETON-S-METHYL)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*, XIII,, 73-IV, 1986</p> <p><u>Entry / Update :</u> APR 1991</p>
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.0003 MG/KG BW (GROUP ADI, APPLYING TO THE SUM OF DEMETON-S-METHYL, DEMETON-S-METHYLSULPHONE AND OXYDEMETON-METHYL). TEMPORARY MRL: ALFALFA FODDER, CLOVER FODDER, MAIZE FODDER AND STRAW, SORGHUM FODDER, SUGARBEET LEAVES, TURNIP LEAVES (USED AS ANIMAL FEED): 5 MG/KG; CURRANTS (BLACK, WHITE, RED), GRAPES: 2 MG/KG; APPLES, CHERRIES, PEACHES, PEPPERS, PLUMS: 1 MG/KG; BLACKBERRIES, CITRUS FRUIT, GOOSEBERRIES, LETTUCE, PEARS, RASPBERRIES, STRAWBERRIES, SUMMER SQUASH: 0.5 MG/KG; BEANS, BRASSICA LEAFY VEGETABLES, CANTALOUPE, CEREAL GRAINS, CUCUMBERS, EGGPLANTS, PEAS, POTATOES, PUMPKINS, TOMATOES, WATERMELONS, WINTER SQUASH: 0.2 MG/KG; BULB VEGETABLES, COTTONSEED, SUGARBEET, TURNIPS: 0.1 MG/KG; MEAT AND FAT OF CATTLE, PIGS, SHEEP AND POULTRY, MILK AND MILK PRODUCTS, NUTS (SHELLED), EGGS: 0.05 MG/KG. (LEVELS REFER TO THE SUM OF DEMETON-S-METHYL, ITS SULPHOXIDE AND SULPHONE EXPRESSED AS DEMETON-S-METHYL).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> FPPDD, 99,, 65, 1989</p> <p><u>Entry / Update :</u> JUL 1990</p>
GBR	REG	SALE STORE		RSTR RQR	<p>A POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS AS TO PERSONS TO WHOM THE POISON MAY BE SOLD AND TO THE KEEPING OF RECORDS OF SALES ARE MADE. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u> 01 JAN 1986</p> <p><u>Last Amendment :</u> GBRSI*, 1077,, 1, 1985</p> <p><u>Entry / Update :</u> FEB 1986</p>
GBR	REG	SALE		RSTR	<p>THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u> 01 JAN 1986</p> <p><u>Last Amendment :</u> GBRSI*, 1077,, 1, 1985</p> <p><u>Entry / Update :</u> FEB 1986</p>
GBR	REG	CLASS SALE		CLASS RSTR	<p>POISONOUS SUBSTANCE WHICH, WHERE THEY ARE NON-MEDICAL POISONS, ARE NOT TO BE SOLD EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S LIST</p> <p><u>Title :</u> THE POISONS LIST ORDER 1982</p> <p><u>Reference :</u> GBRSI*, 217,, 1, 1982</p> <p><u>Effective Date :</u> 1 APR 1982</p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> JAN 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,, 89, 1983</p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> 1983</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A SYSTEMIC INSECTICIDE AND ACARICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,, 89, 1983</p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> 1983</p>
GBR	REG	SALE		RSTR	<p>POISON WHICH MAY BE SOLD BY LISTED SELLERS OF PART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THAT TRADE OR BUSINESS (GBRSI* 218, 1, 1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u> 01 JAN 1986</p> <p><u>Last Amendment :</u> GBRSI*, 1077,, 1, 1985</p> <p><u>Entry / Update :</u> FEB 1986</p>

Common Name : **Demeton-S-methyl**RTECS Number : **TG1750000**CAS Number : **919-86-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	RQR	<p>AN OVERALL, RUBBER GLOVES & FACE-SHIELD MUST BE WORN WHEN HANDLING OR COMING INTO CONTACT WITH THE CONCENTRATE. FULL PROTECTIVE CLOTHING, I.E. OVERALL, HOOD, RUBBER GLOVES AND A RESPIRATOR IS NEEDED WHEN APPLYING AEROSOLS OR ATOMISING FLUIDS IN GLASS OR MUSHROOM HOUSES</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->80%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 80-30% (SOLID) OR 80-10% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
SWE	REG	FOOD	PESTI	MTC	<p>SPECIFIED PLANT PRODUCTS: 0.05-0.5 MG/KG (INCL.DEMETON-S-METHYL, OXYDEMOTON-METHYL, AND DEMETON-S-METHYL SULFONE)</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,1989 <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->80%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 80-30% (SOLID) OR 80-10% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,162,1989 <u>Entry / Update</u> : MAY1986</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 MG/M3, SKIN (1987-88) /METHYL DEMETON/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500 RQ=1 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT: LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : **Desmedipham**

RTECS Number :

CAS Number : **13684-56-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HERBICIDE (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE BTL. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SUGAR-BEETS: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 1.0 MG/M3 (AEROSOL) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>5.0 MG/L HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990</p>
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME DESMIDIPHAM; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992</p>

Common Name : **Diallate**RTECS Number : **EZ8225000**CAS Number : **2303-16-4****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
DEU	REG	FOOD	PESTI	MRL	ALL PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF DIALLATE AND TRIALLATE, CALCULATED AS TRIALLATE. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.1 MG/KG (CALCULATED AS THE SUM OF DIALLATE AND TRIALLATE). <u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC). <u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : APR1986
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%AND AS HARMFUL AT >2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). CARC.CAT.3; POSSIBLE RISK OF IRREVERSIBLE EFFECTS (R 40). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); POSSIBLE RISK OF IRREVERSIBLE EFFECTS (R 40); AVOID CONTACT WITH EYES (S 25); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III=SUBSTANCE PRESENTING MINORDANGER WHEN 100-75% A.I. (LIQUID). <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,6222,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991
RUS	REG	AQ	SURF	MAC CLASS	0.03 MG/L HAZARD CLASS: IV <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Effective Date</u> : 1JAN1989 <u>Entry / Update</u> : JUL1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III=SUBSTANCE PRESENTING MINORDANGER WHEN 100-75% A.I. (LIQUID). <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : UNTDG*,,162,1989 <u>Effective Date</u> : <u>Entry / Update</u> : MAY1986

Common Name : **Diallate**RTECS Number : **EZ8225000**CAS Number : **2303-16-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, DIALLATE, 1983. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMI CALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL E FFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTIO N, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>

Common Name : N,N-Diallyl Dichloroacetamide**RTECS Number :** AB6080000**CAS Number :** 37764-25-3

Area Type Subject Spec. Description Level / Summary Information :

CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987

Common Name : 2,4-Diaminoanisole

RTECS Number : ST2690000

CAS Number : 615-05-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO RSTR	<p>NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP B (= THE SUBSTANCE, ITS SALTS, AND PRODUCTS CONTAINING IT IN CONCENTRATIONS OF 1% OR MORE MAY BE HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE).</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982</p> <p><u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>

Common Name : 2,4-Diaminoanisole

RTECS Number : ST2690000

CAS Number : 615-05-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR	EMI	RQR	; SUMMARY - FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.
		SOIL	EMI	RQR	
		AQ	EMI	RQR	
		MANUF	EMI	RQR	

Title : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES

Reference : CFRUS*,40,372,65,1988 Effective Date : 1987

Last Amendment : CFRUS*,40,372,65,1988 Entry / Update : OCT1991

Common Name : 4,4'-Diaminodiphenyl Oxide

RTECS Number : BY7900000

CAS Number : 101-80-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	DANGER OF SENSITIZATION. CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
RUS	REG	AIR	OCC	MAC CLASS	CLV : 5.0 MG/M3 (AEROSOL) HAZARD CLASS: III <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990
RUS	REG	AQ	SURF	MAC CLASS	0.03 MG/L HAZARD CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991

Common Name : 2,4-Diaminotoluene

RTECS Number : XS9625000

CAS Number : 95-80-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGFDF,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
GBR	REG	TRNSP LABEL	-	CLASS RQR	<p>LABELLING OF ROAD TANKERS : HARMFUL SUBSTANCE. EMERGENCY ACTION CODE : 2X</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1709</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO RSTR	<p>NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP B (= THE SUBSTANCE, ITS SALTS, AND PRODUCTS CONTAINING IT IN CONCENTRATIONS OF 1% OR MORE MAY BE HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE).</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>

Common Name : 2,4-Diaminotoluene

RTECS Number : XS9625000

CAS Number : 95-80-7

Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS		HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1709			
						<u>Title :</u>			
						<u>Reference :</u>		<u>Effective Date :</u>	
						<u>Last Amendment :</u>	UNTDG*,15,1989	<u>Entry / Update :</u>	AUG1990
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR		; SUMMARY - FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.			
						<u>Title :</u>	SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES		
						<u>Reference :</u>	CFRUS*,40,372,65,1988	<u>Effective Date :</u>	1987
						<u>Last Amendment :</u>	CFRUS*,40,372,65,1988	<u>Entry / Update :</u>	OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL		; SUMMARY - THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.			
						<u>Title :</u>	PRELIMINARY ASSESSMENT INFORMATION RULES		
						<u>Reference :</u>	FEREAC,47,,26998,1982	<u>Effective Date :</u>	1982
						<u>Last Amendment :</u>	CFRUS*,40,712,30,1990	<u>Entry / Update :</u>	OCT1991
USA	REG	AIR	EMI	RQR		; SUMMARY - FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED			
						<u>Title :</u>	CLEAN AIR ACT. 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS		
						<u>Reference :</u>	FEREAC,50,,46290,1985	<u>Effective Date :</u>	1985
						<u>Last Amendment :</u>	CFRUS*,40,61,1,1990	<u>Entry / Update :</u>	SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR		10 (4.54); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE			
						<u>Title :</u>	CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES		
						<u>Reference :</u>	CFRUS*,40,302,4,1990	<u>Effective Date :</u>	1990
						<u>Last Amendment :</u>	CFRUS*,40,302,4,1990	<u>Entry / Update :</u>	SEP1991

Common Name : 3,4-Diaminotoluene

RTECS Number :

CAS Number : 496-72-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982</p> <p><u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Diaminotoluenes**

RTECS Number :

CAS Number : **25376-45-8**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 2.0 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE (APPLIES ALSO TO MIXED ISOMERS)</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. (APPLIES ALSO TO MIXED ISOMERS)</p> <p><u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference :</u> FEREAC,47,,26998,1982 <u>Effective Date :</u> 1982</p> <p><u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Diaminotoluenes**

RTECS Number :

CAS Number : **25376-45-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. (APPLIES ALSO MIXED ISOMERS)</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : o-Dianisidine

RTECS Number : DD0875000

CAS Number : 119-90-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1%WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA ANY SUBSTANCE USED TO INDUCE SNEEZING, WHETHER OR NOT CALLED "SNEEZING POWDER" THAT CONTAINS 3,3-DIMETHOXYBENZIDINE (4,4'-DIAMINO</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGFDF,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE OR ITS SALTS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE OR ITS SALTS CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE OR ITS SALTS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); HARMFUL IF SWALLOWED (R 22); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO O-DIANISIDINE AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>

Common Name : **o-Dianisidine**RTECS Number : **DD0875000**CAS Number : **119-90-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS. (APPLIES TO O-DIANISIDINE AND ITS SALTS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
GBR	REG	USE	INDST	RSTR	<p>CONTROLLED USE. USER TO TAKE ALL PRACTICABLE STEPS TO PREVENT THE RISK OF INHALING, INGESTING OR OTHERWISE ABSORBING THE SUBSTANCE. STORAGE IN CLOSED RECEPTACLE LEGIBLY MARKED. PROVISION OF CAUTIONARY CARD AND MEDICAL EXAMINATION FOR WORKERS. REASONS FOR THE CONTROL ACTION: CLASSIFIED AS CAUSING NEOPLASMS BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER.</p> <p><u>Title</u> : THE EMPLOYMENT MEDICAL ADVISORY SERVICE (FACTORIES ACT ORDERS ETC AMENDMENT) ORDER 1973</p> <p><u>Reference</u> : GBRSI*,36,,1973 <u>Effective Date</u> : 9DEC1967</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1985</p>
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO RSTR	<p>NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP B (= THE SUBSTANCE, ITS SALTS, AND PRODUCTS CONTAINING IT IN CONCENTRATIONS OF 1% OR MORE MAY BE HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : **o-Dianisidine**RTECS Number : **DD0875000**CAS Number : **119-90-4**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Diazinon**RTECS Number : **TF3325000**CAS Number : **333-41-5****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.1 MG/M3. SKIN ABSORPTION. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
ARG	REG	FOOD	-	MXL	PLANTS: 0.1-10.0 MG/KG; MEAT, FAT AND PRODUCTS OF CATTLE AND SHEEP: 0.75 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 27MCH1969 <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Entry / Update :</u> 1982
ARG	REG	FEED	-	MXL	10-40 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 27MCH1969 <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Entry / Update :</u> 1982
BRA	REG	FOOD FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT RSTR CLASS	SPECIFIED PLANT PRODUCTS: 0.05-2 MG/KG; MEAT: 0.7 MG/KG SECURITY INTERVAL: 4-60 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEST TOXIC); USE IN AGRICULTURE: AUTHORIZED; MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR USE AS INSECTICIDE IN RESIDENTIAL GARDENS: 0.1% (WT/VOLUME); MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 1-2% (WT/WT). <u>Title :</u> SUBSTANCIAS COM A CAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REC	AQ	DRINK	MAC GL	MAC: 0.02 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.25-0.75 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 25AUG1976 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING, DOMESTIC USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; MICROENCAPSULATE SUSPENSION; PRESSURIZED PRODUCT; SOLUTION; WETTABLE POWDER; DUST OR POWDER). CODE DIA. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991

Common Name : Diazinon

RTECS Number : TF3325000

CAS Number : 333-41-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.1 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER ORGANOPHOSPHORUS PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.5-0.7 MG/KG.</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 10 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>VEGETABLES, FRUITS EXCEPT NUTS: 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>

Common Name : Diazinon

RTECS Number : TF3325000

CAS Number : 333-41-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	USE	PESTI	RSTR	<p>PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); AVOID CONTACT WITH SKIN AND EYES (S 24/25).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.05 MG/KG</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%AND AS HARMFUL AT >2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.5 MG/KG; NUTS: 0.05 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.002 MG/KG BW; MRL: OLIVE OIL, OLIVES (UNPROCESSED): 2 MG/KG; CARCASS MEAT OF CATTLE, PIGS, AND SHEEP (IN CARCASS FAT), CITRUS FRUIT, LEAFY VEGETABLES, PEACHES, SWEET CORN (KERNELS AND COBS WITH HUSKS REMOVED): 0.7 MG/KG; FRUIT, VEGETABLES (EXCEPT LEAFY VEGETABLES AND SWEET CORN): 0.5 MG/KG; ALMONDS (SHELL-FREE BASIS), BARLEY, COTTONSEED, FILBERTS (SHELL-FREE BASIS),PEANUTS (SHELL-FREE BASIS), PECANS (SHELL-FREE BASIS), RICE (POLISHED), SAFFLOWER SEED, SUNFLOWER SEED, WALNUTS (SHELL-FREE BASIS), WHEAT: 0.1 MG/KG; MILK: 0.02 MG/KG (EXPRESSED AS DIAZINON)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,22-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : Diazinon

RTECS Number : TF3325000

CAS Number : 333-41-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	APPROVED AS AN INSECTICIDE AND ACARICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.02-0.7 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC. <u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988 <u>Reference :</u> GBRSI*,1378,,,1988 <u>Effective Date :</u> 02AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 0.1 MG/M3. STEL (10 MIN-TWA): 0.3 MG/M3. SKIN ABSORPTION <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-38% (SOLID) OR 100-15% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Entry / Update :</u> JAN1991
JPN	REC	AIR	OCC	MAC	TWA: 0.1 MG/M3. SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 MG/KG <u>Title :</u> FOOD SANITATION LAW OF JAPAN <u>Reference :</u> JPNFS*,,, <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.1-2.0 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.1 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.3 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.1-0.7 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,,1984 <u>Entry / Update :</u> OCT1985
RUS	REG	SOIL	-	MAC	0.2 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1981 <u>Last Amendment :</u> SCHSB*,SUPL-6,,,1982 <u>Entry / Update :</u> OCT1985

Common Name : Diazinon

RTECS Number : TF3325000

CAS Number : 333-41-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-0.7 MG/KG. ADI = 0.002 MG/KG BW. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	AQ	SURF	MAC CLASS	0.3 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0 MG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1- 0.7 MG/KG. ADI = 0.002 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	AMBI	MAC	0.01 MG/M3 1X/D, 0.01 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.2 MG/M3 (VAPOUR, AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-0.5 MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992

Common Name : Diazinon

RTECS Number : TF3325000

CAS Number : 333-41-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBK*,,,1991 <u>Effective Date :</u> **APR1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>ANIMAL PRODUCTS: 0.02-0.5 MG/KG (INCL. DIAZINON OXYGEN ANALOGUE)</p> <p><u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01MCH1983</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-38% (SOLID) OR 100-15% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.1 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, DIAZINON, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991</p>

Common Name : Diazinon

RTECS Number : TF3325000

CAS Number : 333-41-5

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS	INDST	RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE
		AIR	EMI	RQR	
		AQ	EMI	RQR	

Title : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

<u>Reference</u> :	CFRUS*,40,302,4,1990	<u>Effective Date</u> :	1990
<u>Last Amendment</u> :	CFRUS*,40,302,4,1990	<u>Entry / Update</u> :	SEP1991

Common Name : **Dibam**

RTECS Number :

CAS Number : **128-04-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS MATERIAL PRESERVATIVE; SLIMICIDE. (FORMULATION: SOLUTION). CODE SDD. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE PLASTIC MATERIALS: 0.1 MG/G.</p> <p><u>Title :</u> DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,42,,1978 <u>Effective Date :</u> 1JUL1978</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>1.0 MG/L HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990</p>
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME DIMETHYLDITHIOCARBAMATE SALT THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992</p>
USA	REG	FOOD MANUF LABEL	ADDIT ADDIT	RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE SAFELY USED IN THE MANUFACTURE OF PAPER AND PAPERBOARD THAT CONTACTS FOOD. THE QUANTITY ADDED TO PAPER PRODUCTION SHALL NOT EXCEED THE AMOUNT NECESSARY TO ACCOMPLISH THE INTENDED TECHNICAL EFFECT. TO INSURE SAFE USAGE, THE LABEL OR LABELING OF SLIMICIDES SHALL BEAR ADEQUATE DIRECTIONS FOR USE.</p> <p><u>Title :</u> INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS-SLIMICIDES</p> <p><u>Reference :</u> FEREAC,42,,14554,1977 <u>Effective Date :</u> 1977</p> <p><u>Last Amendment :</u> CFRUS*,21,176,300,1988 <u>Entry / Update :</u> NOV1991</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference :</u> FEREAC,42,,14534,1977 <u>Effective Date :</u> 1977</p> <p><u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Entry / Update :</u> NOV1991</p>

Common Name : **Dicamba**RTECS Number : **DG7525000**CAS Number : **1918-00-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FEED FOOD USE USE CLASS	- - AGRIC CONSM	AL AL PRMT PRO CLASS	PASTURE: 0.05-40 MG/KG (PROVISIONAL TOLERANCE) SECURITY INTERVAL: 30 DAYS; MILK: 0.05 MG/KG (NON-INTENTIONAL RESIDUE); THE RESIDUES ARE CALCULATED AS THE SUM OF DICAMBA AND THE METABOLITE 3,6-DICHLORO-5-HYDROXY-O-ANISIC ACID. PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.
<p><u>Title :</u> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference :</u> SBTAP*,,,8,1984 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985</p>					
CAN	REC	AQ	DRINK	GL MAC	MAC: 0.12 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.
<p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>					
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER BENZOIC DERIVATIVE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.
<p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>					
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; PELLET; SOLUTION; SOLID; PRESSURIZED PRODUCT; SUSPENSION). APPLIES TO DICAMBA PRESENT AS AN ACID, AS DIETHANOLAMINE SALT, AS DIMETHYLAMINE SALT, OR AS BUTOXYETHYL ESTER). CODE DIC. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.
<p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>					
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.
<p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>					
DEU	REG	USE	PESTI	RSTR	PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.
<p><u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1196,1988 <u>Effective Date :</u> 29MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,I,796,1991 <u>Entry / Update :</u> DEC1991</p>					

Common Name : **Dicamba**RTECS Number : **DG7525000**CAS Number : **1918-00-9**Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	FOOD	PESTI	MRL	ALL PLANT PRODUCTS: 0.05 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). APPLIES TO DICAMBA AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL. <u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992
GBR	REG	USE	PESTI	PRMT	APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
RUS	REG	SOIL	-	MAC	0.25 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1976 <u>Last Amendment :</u> PDKCP*,1496-76,,1976 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN SPECIFIED FOOD PRODUCTS; ADI = 0.004 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1983 <u>Last Amendment :</u> MDUPP*,2823-83,,1983 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC CLASS	15.0 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990

Common Name : Dicamba
RTECS Number : DG7525000

CAS Number : 1918-00-9

Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBEK*,,,,1991 <u>Effective Date :</u> **APR1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, DICAMBA, 1983. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992</p>
USA	REG	AQ	DRINK	CLASS	<p>AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).</p> <p><u>Title :</u> SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS</p> <p><u>Reference :</u> FEREAC,53,,1892,1988 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,56,,1473,1991 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Dichlofenthion**RTECS Number : **TF0350000**CAS Number : **97-17-6**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIA, I.E.WHEN SOLID: AS HARMFUL AT CONCS >5-100%, AND WHEN LIQUID OR GASEOUS AS TOXIC AT CONCS >50%AND AS HARMFUL AT >2.5-50%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference :</u> OJEC**,L206,,13,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OJEC**,L144,,1,1984 <u>Entry / Update :</u> APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100 - 54 PERCENT. UN NOS. 2784, 3017, 3018</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Entry / Update :</u> JAN1991</p>
RUS	REG	USE	AGRIC	PRO	<p>NOT APPROVED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: LONG-TERM NEUROTOXIC EFFECT</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OSUMH*,,, <u>Entry / Update :</u> AUG1988</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100 - 54 PERCENT (LIQUID). UN NOS. 2783, 2784, 3017, 3018</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162, <u>Entry / Update :</u> AUG1990</p>

Common Name : **p-Dichlorobenzene**

RTECS Number : **CZ4550000**

CAS Number : **106-46-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 450 MG/M3 (75 PPM)</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	AQ	DRINK	GL MAC	<p>MAC: 0.005 MG/L. AESTHETIC OBJECTIVE (AO) <= 0.001 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS INSECTICIDE; ACARICIDE. (FORMULATION: SOLUTION GRANULAR). CODE PDB. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 75 PPM, 450 MG/M3; STEL: 110 PPM, 675 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SOLID. PIN (PRODUCT IDENTIFICATION NO.): UN1592. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 100 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 200 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>

Common Name : **p-Dichlorobenzene**RTECS Number : **CZ4550000**CAS Number : **106-46-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL ISOMERS OF DICHLOROBENZENE).</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>300NG/L (APPLIES TO THE SUM OF DICHLOROBENZENES)</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 50 ML/M3 (PPM); 300 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 100 ML/M3 (PPM); 600 MG/M3; AVERAGE VALUE; 4X/SHIFT. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>

Common Name : **p-Dichlorobenzene**RTECS Number : **CZ4550000**CAS Number : **106-46-7**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO CHLORINATED HYDROCARBONS (CHLOROFORM, P-DICHLOROBENZENE, CARBON TETRACHLORIDE) MEMBER STATES SHALL, IN ADDITION TO OTHER GENERAL MEASURES, ENSURE: 1) MEDICALSURVEILLANCE OF WORKERS PRIOR TO AND/OR DURING EXPOSURE; 2) ACCESS FOR WORKERS TO THEIR INDIVIDUAL AND ANONYMOUS COLLECTIVE RESULTS. THE GENERAL MEASURES ARE IN ORDER TO KEEP EXPOSURE TO AGENTS (CHEMICAL, PHYSICAL, OR BIOLOGICAL LIKELY TO BE HARMFUL TO HEALTH) AS LOW AS REASONABLY PRACTICABLE. A REFERENCE METHOD FOR THE MEASURING PROCEDURES IS GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 NOVEMBER 1980 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK. (80/1107/EEC).</p> <p><u>Reference</u> : OJEC**L327,,8,1980 <u>Effective Date</u> : 21DEC1990</p> <p><u>Last Amendment</u> : OJEC**L356,,74,1988 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 25); KEEP OUT OF REACH OF CHILDREN (S 2); AVOID CONTACT WITH SKIN AND EYES (R 24/25).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 450 MG/M3 (75 PPM) - 10 MIN- STEL: 675 MG/M3 (110 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (REGULATION APPLIES TO ALL DICHLOROBENZENE ISOMERS).</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 450 MG/M3 (75 PPM). STEL (10 MIN-TWA): 675 MG/M3 (110 PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1592.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : p-Dichlorobenzene

RTECS Number : CZ455000

CAS Number : 106-46-7

Area Type Subject Spec. Description Level / Summary Information :

IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 300 MG/M3 (50 PPM) <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 450 MG/M3 (75 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 675 MG/M3 (110 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AIR	AMBI	PSL	0.035 MG/M3 1X/D. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : DEC1983 <u>Last Amendment</u> : OBUAV*,2947-83,,,1983 <u>Entry / Update</u> : SEP1985
RUS	REG	AQ	SURF	MAC CLASS	0.002 MG/L HAZARD CLASS: III <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 450 MG/M3 (75 PPM); 15 MIN - STEL: 700 MG/M3 (110 PPM). CARCINOGENIC. <u>Title</u> : HYGIENIC LIMIT VALUES. <u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
SWE	REG	USE	PESTI	PRO	SUSPENDED DUE TO SUSPECTED CARCINOGENICITY. <u>Title</u> : DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN <u>Reference</u> : KEMIB*,,,1990 <u>Effective Date</u> : ** 1990 <u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1592. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : SEP1982

Common Name : **p-Dichlorobenzene**RTECS Number : **CZ4550000**CAS Number : **106-46-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 75 PPM, 451 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 110 PPM, 661 MG/M3 A2. A2= SUSPECTED HUMAN CARCINOGEN. THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>1000 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,84,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,84,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>NO LIMIT IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172-HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>7.5 MG/L. THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY.</p> <p><u>Reference</u> : FEREAC,55,,11862,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,261,24,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ	DRINK	MPC	<p>0.075 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>

Common Name : p-Dichlorobenzene

RTECS Number : CZ4550000

CAS Number : 106-46-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME P-DICHLOROBENZENE THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C.</p> <p><u>Reference</u> : FEREAC,54,140,30846,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG))!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
WHO	REC	AQ	DRINK	GL	<p>300 UG/L; CONCENTRATIONS OF THE SUBSTANCE AT OR BELOW THE HEALTH-BASED GUIDELINE VALUE MAY AFFECT THE APPEARANCE, TASTE, OR ODOUR OF THE WATER. THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING-WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : 3,3'-Dichlorobenzidine

RTECS Number : DD0525000

CAS Number : 91-94-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>SUSPECTED HUMAN CARCINOGEN; WORKER EXPOSURE BY ALL ROUTES SHALL BE CAREFULLY CONTROLLED TO LEVELS CONSISTENT WITH THE ANIMAL AND HUMAN EXPERIENCE DATA. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	USE LABEL PACK	OCC	CLASS RQR RSTR	<p>SUSPECTED CARCINOGENIC SUBSTANCE. USE AND HANDLING OF THE SUBSTANCE MUST BE REPORTED BY THE EMPLOYER TO AUTHORITIES. REQUIREMENTS AND RESTRICTIONS ON HANDLING, LABELING, PACKING, STORING AND TRANSPORT OF IT ARE LISTED.</p> <p><u>Title :</u> DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS</p> <p><u>Reference :</u> VMZSR*,3,,1985 <u>Effective Date :</u> 1APR1985</p> <p><u>Last Amendment :</u> VMZSR*,10,98,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.1 MG/M3. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title :</u> TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAHRLICHE STOFFE")</p> <p><u>Reference :</u> BNDS6,,2,120,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> BNDS6,,11,52,1991 <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>DANGER OF CUTANEOUS ABSORPTION. CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGFDF,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS II CARCINOGENS (CLASSES I, II AND III EXIST). IN AIR EMISSIONS THE CONCENTRATION OF THE SUM OF CLASS II CARCINOGENS MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF >= 5 G/H.</p> <p><u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : 3,3'-Dichlorobenzidine

RTECS Number : DD0525000

CAS Number : 91-94-1

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE OR ITS SALTS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE OR ITS SALTS CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE OR ITS SALTS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS. (APPLIES TO 3,3'-DICHLOROBENZIDINE AND ITS SALTS).</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC).</p> <p><u>Reference :</u> OJEC**,196,,1,1990 <u>Effective Date :</u> 31DEC1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN (R 21). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); ALSO HARMFUL IN CONTACT WITH SKIN (R 21); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO 3,3'-DICHLOROBENZIDINE AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE BENZIDINE AND BENZIDINE SALTS (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 1 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> SEP1992</p>

Common Name : 3,3'-Dichlorobenzidine

RTECS Number : DD0525000

CAS Number : 91-94-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	CLASS MANUF IMPRT	-	CLASS RSTR RSTR	<p>A DESIGNATED CHEMICAL SUBSTANCE (=A SUBSTANCE WHICH, EITHER IN ITSELF OR ONE OF ITS DEGRADATION PRODUCTS, IS NOT EASILY DEGRADABLE AND WHICH MAY BE HARMFUL TO HUMAN HEALTH WHEN INGESTED CONTINUOUSLY AND WHICH IS SPECIFIED BY THE MINISTRY OF HEALTH AND WELFARE AND BY THE MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY). A PERSON WHO MANUFACTURES OR IMPORTS THIS SUBSTANCE SHALL FOR EVERY FISCAL YEAR SUBMIT A REPORT ON MANUFACTURED OR IMPORTED QUANTITIES.</p> <p><u>Title</u> : THE LAW CONCERNING THE EXAMINATION AND REGULATION OF MANUFACTURE ETC. OF CHEMICAL SUBSTANCES.</p> <p><u>Reference</u> : JPNCO*,,,1974 <u>Effective Date</u> : 17OCT1987</p> <p><u>Last Amendment</u> : JPNCO*,,,1991 <u>Entry / Update</u> : NOV1991</p>
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO RSTR	<p>NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP B (= THE SUBSTANCE, ITS SALTS, AND PRODUCTS CONTAINING IT IN CONCENTRATIONS OF 1% OR MORE MAY BE HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS**,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
USA	REC	AIR	OCC	TLV	<p>A2, SKIN. A2- SUSPECTED HUMAN CARCINOGEN.THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : 3,3'-Dichlorobenzidine

RTECS Number : DD0525000

CAS Number : 91-94-1

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> FERECAC,50,,46290,1985 <u>Effective Date :</u> 1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Entry / Update :</u> SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FERECAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992

Common Name : 1,2-Dichloroethylene

RTECS Number : KV9360000

CAS Number : 540-59-0

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 790 MG/M3 (200 PPM) <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT-RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	AIR	OCC	TLV	TWA: 200 PPM, 790 MG/M3; STEL: 250 PPM, 1,000 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REC	AIR	OCC	MAK	8H-TWA: 200 ML/M3 (PPM); 790 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 400 ML/M3 (PPM); 1580 MG/M3; AVERAGE VALUE; 4X/SHIFT. VAPOUR PRESSURE: 22.0 KPA AT 20C. APPLIES TO CIS-1,2-DICHLOROETHYLENE AND TRANS-1,2-DICHLOROETHYLENE. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	AIR	EMI	MPC	THIS SUBSTANCE BELONGS TO CLASS III. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H. <u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : 1,2-Dichloroethylene

RTECS Number : KV9360000

CAS Number : 540-59-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11); XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: F - HIGHLY FLAMMABLE; XN - HARMFUL; HIGHLY FLAMMABLE (R 11); HARMFUL BY INHALATION (R 20); KEEP CONTAINER TIGHTLY CLOSED (S 7); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); DO NOT EMPTY INTO DRAINS (S 29). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 12.5%: XN - HARMFUL; HARMFUL BY INHALATION (R 20). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
GBR	REG	AIR	OCC	OES	8H-TWA: 790 MG/M3 (200 PPM). STEL (10 MIN-TWA): 1000 MG/M3 (250 PPM). (APPLIES WHEN THE RATIO CIS:TRANS ISOMERS IS 60: 40) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 790MG/M3 (200PPM) - 10MIN-STEL: 1000MG/M3 (250PPM) (APPLIES TO THE CIS:TRANS ISOMERS IN A 60:40 RATIO) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III= MINOR DANGER). UN NO. 1105 <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991
JPN	REC	AIR	OCC	MAC	TWA: 590 MG/M3 (150 PPM) <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 790 MG/M3 (200 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1000 MG/M3 (250 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
USA	REC	SAFTY USE	OCC	MXL	4000 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,88,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,88,1990 <u>Entry / Update</u> : OCT1991

Common Name : 1,2-Dichloroethylene

RTECS Number : KV9360000

CAS Number : 540-59-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 200 PPM, 793 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>: SUMMARY - THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>EP TOXIC WASTE; SUMMARY - THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
WHO	REC	AQ	DRINK	GL	<p>50 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. (APPLIES TO CIS AND TRANS FORMS OF 1,2-DICHLOROETHENE).</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : 2,4-Dichlorophenol

RTECS Number : SK8575000

CAS Number : 120-83-2

Area Type Subject Spec. Description Level / Summary Information :

CAN	REC	AQ	DRINK	GL MAC	MAC: 0.9 MG/L. AESTHETIC OBJECTIVE (AO) <= 0.0003 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CSK	REG	AQ	DRINK	MAC	0.002 MG/L (APPLIES TO THE SUM OF DICHLOROPHENOLS) <u>Title :</u> WATER QUALITY. DRINKING WATER <u>Reference :</u> CSNOR*,757111,,,1989 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference :</u> BGZBAD,,1,1891,1991 <u>Effective Date :</u> 01SEP1991 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
DEU	REG	AIR	EMI	MPC	DICHLOROPHENOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H. <u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : 2,4-Dichlorophenol

RTECS Number : SK8575000

CAS Number : 120-83-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES AND SKIN (R 36/38); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP AQ AQ AQ	MARIN MARIN EMI EMI	RQR RSTR RSTR MAC	<p>CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
RUS	REG	FOOD	-	PRO	<p>PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCT.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : JAN1988</p> <p><u>Last Amendment</u> : MDUPP*,4540-87,,1987 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>2UG/L (APPLIES TO ALL DICHLOROPHENOL ISOMERS)HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	SOIL	-	MAC	<p>0.05 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : MAY1984</p> <p><u>Last Amendment</u> : PDKPP*,3034-84,,1984 <u>Entry / Update</u> : OCT1985</p>

Common Name : 2,4-Dichlorophenol

RETECS Number : SK8575000

CAS Number : 120-83-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III, EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT; DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT; DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980</p> <p><u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AQ AQ	EMI INDST	RQR RQR	<p>BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT.</p> <p><u>Title :</u> 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS</p> <p><u>Reference :</u> FEREAC,44,,44502,1979 <u>Effective Date :</u> 1979</p> <p><u>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981</p> <p><u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>

Common Name : 2,4-Dichlorophenol

RTECS Number : SK8575000

CAS Number : 120-83-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
WHO	REC	AQ	DRINK	GL	NO ADEQUATE DATA TO RECOMMEND A HEALTH-BASED GUIDELINE VALUE. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference :</u> WHODW*,...,1983 <u>Effective Date :</u> <u>Last Amendment :</u> WHODW*,...,1992 <u>Entry / Update :</u> OCT1992
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CSK	REG	AQ	DRINK	MAC	0.002 MG/L (APPLIES TO THE SUM OF DICHLOROPHENOLS) <u>Title :</u> WATER QUALITY. DRINKING WATER <u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	AIR	EMI	MPC	DICHLOROPHENOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT. THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H. <u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference :</u> GMSMA6,,7.93.1986 <u>Effective Date :</u> 01MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
RUS	REG	AQ	SURF	MAC CLASS	0.002 MG/L (APPLIES TO ALL DICHLOROPHENOL ISOMERS) HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV* 4630-88,,1988 <u>Entry / Update :</u> JUL1990

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