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United Nations Environment Programme
International Register of Potentially Toxic Chemicals



United Nations

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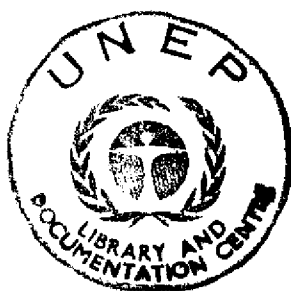
Volume 2



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Common Name : 2,6-Dichlorophenol

RTECS Number : SK8750000

CAS Number : 87-65-0

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 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 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 I) 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	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	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 : Dichloropropene

RTECS Number : UC8310000

CAS Number : 542-75-6

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 FUNGICIDE (AGRICULTURAL); NEMATOCIDE; (FORMULATION: SOLUTION). CODE DSG. 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	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO THE CIS AND TRANS ISOMER.</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.) APPLIES TO CIS- AND TRANS-1,3-DICHLOROPROPENE. 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	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	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 : Dichloropropene

RTECS Number : UC8310000

CAS Number : 542-75-6

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: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: F - HIGHLY FLAMMABLE; XN - HARMFUL; HIGHLY FLAMMABLE (R 11); HARMFUL; HARMFUL IF SWALLOWED (R 22); 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). (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 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. (REGULATION ALSO APPLIES TO DICHLOROPROPENE/DICHLOROPROPANE MIXTURES.</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 (1 PPM). STEL (10 MIN-TWA): 50 MG/M3 (10 PPM). SKIN ABSORPTION. APPLIES TO BOTH THE CIS AND TRANS ISOMERS.</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 : 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	AQ	SURF	MAC CLASS	<p>0.4 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	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>
RUS	REG	AIR	AMBI	MAC	<p>0.1 MG/M3, 1X/D; 0.01 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	USE	PESTI	PRO	<p>SUSPENDED DUE TO SUSPECTED CARCINOGENIC EFFECT AND HIGH MOBILITY IN SOIL</p> <p><u>Title</u> : DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN</p> <p><u>Reference</u> : KEMIB*,,,,1988 <u>Effective Date</u> : ** 1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Dichloropropene

RTECS Number : UC8310000

CAS Number : 542-75-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 1 PPM, 4.5 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.</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	<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	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	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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, TELONE, 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 FFFECTS 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	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 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 : Dichloropropene

RTECS Number : UC8310000

CAS Number : 542-75-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	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 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>
WHO	REC	AQ AQ	DRINK PESTI	GL GL	<p>20 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 : Dichlorvos

RTECS Number : TC0350000

CAS Number : 62-73-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1 MG/M3 (0.1 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,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 RSTR CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.1-5 MG/KG; SECURITY INTERVAL: 30 DAYS; SPECIFIED ANIMAL PRODUCTS: 0.02-0.05 MG/KG; PROVISIONAL TOXICITY CLASS: II (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 1-5% (WT/WT); MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR USE AS AN INSECTICIDE IN RESIDENTIAL GARDENS: 0.1% (WT/VOLUME).</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	REG	AIR	OCC	TLV	<p>TWA: 0.1 PPM, 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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: DUST OR POWDER; PRESSURIZED PRODUCT; SOLUTION; EMULSIFIABLE CONCENTRATE OR EMULSION; PARTICULATE; SLOW RELEASE GENERATOR). APPLIES TO DICHLORVOS PLUS RELATED ACTIVE COMPOUNDS. CODE DVP. 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 ORGANOPHOSPHORUS 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 ITS 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>SEE UNDER ORGANOPHOSPHORUS 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>

Common Name : Dichlorvos

RTECS Number : TC0350000

CAS Number : 62-73-7

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - NON-PERISHABLE PACKAGED FOODS OF LOW FAT CONTENT (UNDER 6%), MRL = 0.50 PPM; NON-PERISHABLE PACKAGED FOODS OF HIGH FAT CONTENT (OVER 6%), MRL = 2 PPM; SPECIFIED PLANT PRODUCTS, MRL = 0.25 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
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	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.02-2.0 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
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	-	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	REC	AIR	OCC	MAK	8H-TWA: 0.1 ML/M3 (PPM); 1 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 1 ML/M3 (PPM); 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. <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	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 : Dichlorvos

RTECS Number : TC0350000

CAS Number : 62-73-7

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.5 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG)</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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); 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 PACK LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN DICHLORVOS 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	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>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 2.0 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>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.004 MG/KG BW; MRL: COCOA BEANS: 5 MG/KG; CEREAL GRAINS, COFFEE BEANS (GREEN), LENTILS, PEANUTS, SOYA BEANS: 2 MG/KG; LETTUCE: 1 MG/KG; MILLED PRODUCTS FROM RAW GRAIN, MUSHROOMS, VEGETABLES (EXCEPT LETTUCE): 0.5 MG/KG; FRUIT, MISCELLANEOUS FOOD ITEMS NOT OTHERWISE SPECIFIED: 0.1 MG/KG; CARCASE MEAT OF CATTLE, GOATS, PIGS, AND SHEEP, EGGS (SHELL-FREE BASIS), POULTRY: 0.05 MG/KG; MILK: 0.02 MG/KG (EXPRESSED AS DICHLORVOS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,25-IV,1986 <u>Entry / Update</u> : APR1991</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(GBRS1* 218, I, 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> : GBRS1*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</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>

Common Name : Dichlorvos

RTECS Number : TC0350000

CAS Number : 62-73-7

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	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	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	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN DICHLORVOS 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 DICHLORVOS 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.02-2.0 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	AQ MANUF	EMI INDST	PRO RSTR	<p>DICHLORVOS 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 : Dichlorvos

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Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	LABEL PACK STORE TRNSP GOODS	CONSM	RQR RQR RQR RQR PRMT	LABEL : "POISON". FURTHER GENERAL REQUIREMENTS CONCERNING LABELLING, CONTAINERS, STORAGE AND TRANSPORT ARE LAID DOWN. THE SUBSTANCE IS EXEMPTED FROM THESE RULES IN THE FOLLOWING PREPARATIONS: AEROSOL DISPENSERS CONTAINING NOT MORE THAN 1% BY WEIGHT; MATERIALS IMPREGNATED WITH DICHLORVOS FOR SLOW RELEASE; GRANULAR PREPARATIONS; READY FOR USE LIQUID PREPARATIONS CONTAINING NOT MORE THAN 1% W/V. <u>Title</u> : THE POISONS RULES 1982 <u>Reference</u> : GBRSI*,218,,18,1982 <u>Effective Date</u> : 01APR1986 <u>Last Amendment</u> : GBRSI*,10,,1,1986 <u>Entry / Update</u> : 1992
GBR	REG	AIR	OCC	OES	8H-TWA: 1 MG/M3 (0.1 PPM). STEL (10 MIN-TWA): 3 MG/M3 (0.3 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
GBR	REG	USE	PESTI	PRMT	APPROVED FOR APPLICATION BY AEROSOL PROJECTORS. 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->35%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 35-7% (SOLID OR LIQUID). <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,6222,1990 <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>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992
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: 0.02-5.0 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

Common Name : Dichlorvos

RTECS Number : TC0350000

CAS Number : 62-73-7

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 1.5 MG/M3 (0.16 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	REC	FOOD EXPR IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.1 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	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	SOIL	-	PSL	<p>0.1 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> MCH1982</p> <p><u>Last Amendment :</u> ODKPP*,2530-82,,,1982 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE PROHIBITED IN SOME FOOD PRODUCTS. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.3 MG/KG; ADI = 0.004 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 PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN.</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 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	MAC CLASS	<p>CLV : 0.2 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	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 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> JUN1982</p>
RUS	REG	AIR	AMBI	MAC	<p>0.007 MG/M3 1X/D; 0.002 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>

Common Name : Dichlorvos

RTECS Number : TC0350000

CAS Number : 62-73-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.1 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 PRODUCTS: 0.02-0.1 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	USE USE SAFTY	PESTI CONSM INDST	PRO PRO RQR	<p>SEVERLY RESTRICTED. ONLY FOR OCCUPATIONAL USE IN CLOSED AREAS DUE TO ITS MUTAGENIC AND SUSPECTED CARCINOGENIC PROPERTIES</p> <p><u>Title</u> : DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALJEINSPEKTIONEN</p> <p><u>Reference</u> : KEMIB*,,,1991 <u>Effective Date</u> : ** 1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->35%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 35-7% (SOLID OR 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>200 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,90,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,90,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.1 PPM, 0.90 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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1,000 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.</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 : Dichlorvos

RTECS Number : TC0350000

CAS Number : 62-73-7

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, DDVP, 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>
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 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. MIXTURE DRY: 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 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	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 : Dicofol

RTECS Number : DC8400000

CAS Number : 115-32-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD FEED	-	MXL MXL	3-15 MG/KG; MILK AND ANIMAL FAT: 0 MG/KG; HOPS: 30 MG/KG; COTTONSEED: 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 USE CLASS	-	AL AGRIC PRMT CONSM PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-5 MG/KG; SECURITY INTERVAL: 2-35 DAYS; PROVISIONAL TOXICITY CLASS: II,III,IV (DEPENDING ON FORMULATION) (I = MOST TOXIC, IV= LEASTTOXIC); 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	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS ACARICIDE (MITE CONTROL). (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; WETTABLE POWDER; SOLUTION). CODE DCF. 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 3.0-5.0 PPM; SPECIFIED ANIMAL PRODUCTS, MRL = 0.1 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 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> 13SEP1979 <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 (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
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
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05 - 30.0 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

Common Name : Dicofol

RTECS Number : DC8400000

CAS Number : 115-32-2

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	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING DICOFOL WITH A CONTENT OF LESS THAN 780 G/KG OF P,P'-DICOFOL OR MORE THAN 1 G/KG OF DDT OR DDT COMPOUNDS 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>VEGETABLES: 0.5 MG/KG; FRUITS: 2 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: 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).</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 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. (APPLIES TO DICOFOL CONTAINING LESS THAN 78% OF P,P'-DICOFOL OR MORE THAN 1 G/KG DDT AND DDT RELATED COMPOUNDS).</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> : 30SEP1991</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	CLASS 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>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.025 MG/KG BW; MRL: FRUIT (EXCEPT STRAWBERRIES), HOPS (DRIED), TEA (DRY MANUFACTURED), VEGETABLES (EXCEPT CUCUMBERS, GHERKINS, TOMATOES): 5 MG/KG; CUCUMBERS, GHERKINS: 2 MG/KG; STRAWBERRIES, TOMATOES: 1 MG/KG (EXPRESSED AS DICOFOL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,26-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS AN 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>

Common Name : Dicofol

RTECS Number : DC840000

CAS Number : 115-32-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 1-5 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
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 2.0-3.0 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: 0.25-5.0 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
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 1.0-5.0 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
RUS	REG	SOIL	-	MAC	1.0 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : OCT1980 <u>Last Amendment</u> : PDKCP*,2264-80,,,1980 <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> : PDKTV*,,,1978 <u>Entry / Update</u> : JUN1982
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-5.0 MG/KG. ADI = 0.025 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	FEED	-	MRL PRO	0.0 MG/KG (DAIRY CATTLE); 0.05 MG/KG (FATTENING CATTLE). <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	AMBI	PSL	0.2 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	AMBI	MAC	0.2 MG/M3 1X/D, 0.02 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 CLASS	0.02 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 : Dicofol

RTECS Number : DC8400000

CAS Number : 115-32-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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></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>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 3.0 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</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,,1989</p> <p><u>Effective Date :</u> 01JAN1990</p> <p><u>Entry / Update :</u> 1992</p>
SWE	REG	USE	PESTI	PRO	<p>WITHDRAWN DUE TO BIOACCUMULATION COMBINED WITH PERSISTENCE</p> <p><u>Title :</u> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALJEINSPEKTIONEN</p> <p><u>Reference :</u> KEMIB*,,,1991</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> ** 1991</p> <p><u>Entry / Update :</u> FEB1992</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</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988</p> <p><u>Effective Date :</u> 1987</p> <p><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</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991</p> <p><u>Effective Date :</u> 1986</p> <p><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</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990</p> <p><u>Effective Date :</u> 1990</p> <p><u>Entry / Update :</u> SEP1991</p>

Common Name : **Dicrctophos**RTECS Number : **TC3850000**CAS Number : **141-66-2****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.25 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
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.3 MG/KG; SECURITY INTERVAL: 21-30 DAYS; MEAT: 0.01 MG/KG; SECURITY INTERVAL: 30 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXICIV = 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*,2,,1,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CAN	REG	AIR	OCC	TLV	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". <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
DEU	REG	FOOD	PESTI	MRL	HOP: 5.0 MG/KG. OTHER PLANT PRODUCTS. 0.1 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
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

Common Name : **Dicrotophos**RTECS Number : **TC3850000**CAS Number : **141-66-2****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	PESTICIDE PREPARATIONS WHICH CONTAIN DICROTOPHOS ARE CLASSIFIED INTO CLASS 1A, 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. <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: 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). <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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	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). <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
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. <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	USE	AGRIC	PRO	NOT APPROVED 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*,,, <u>Entry / Update :</u> AUG1988

Common Name : **Dicrotophos**RTECS Number : **TC3850000**CAS Number : **141-66-2**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 WHEN AI = 100- >25%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 25-6% (SOLID) OR 25-2% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,...162,1989
					<u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.25 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	-	RQR PRMT	REGISTRATION STANDARD, DICROTOPHOS, 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. <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	USE SAFTY	PESTI PESTI	RSTR CNTRL	ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF DICROTOPHOS OF 8% AND GREATER 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	SAFTY STORE	INDST INDST	RQR RQR	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. <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 : **Dieldrin**RTECS Number : **IO1750000**CAS Number : **60-57-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.25 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,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	-	AL	<p>SPECIFIED PLANT PRODUCTS: 0.01-0.2 MG/KG</p> <p><u>Title :</u> CATALOGO DOS DEFENSIVOS AGRICOLAS</p> <p><u>Reference :</u> CDABR*,2,,,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: 0.0007 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> MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE DIE. 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL = 0.1-0.2 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 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> 17NOV1977</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>

Common Name : **Dieldrin**RTECS Number : **IO1750000**CAS Number : **60-57-1**

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 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
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.02-0.2 MG/KG (MILK AND MEAT PRODUCTS CALCULATED ON FAT BASES). <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	REC	AIR	OCC	MAK	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. <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	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	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 DIELRIN. <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 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF ALDRIN AND DIELDRIN, CALCULATED AS DIELDRIN. <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 : Dieldrin

RTECS Number : IO1750000

CAS Number : 60-57-1

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>
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	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>
EEC	REG	EXPRT	PESTI	RQR	<p>DIELDRIN 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	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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC IN CONTACT WITH SKIN (R 27). T - TOXIC; TOXIC IF SWALLOWED (R 25); 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+ - VERY TOXIC; TOXIC IF SWALLOWED (R 25); VERY TOXIC IN CONTACT WITH SKIN (R 27); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); 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); IN CASE OF ACCIDENT OF 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>

Common Name : **Dieldrin**RTECS Number : **IO1750000**CAS Number : **60-57-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
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	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	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR TOTAL PESTICIDES (PARATHION,BHC,DIELDRIN) IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER : 0.001 MG/L FOR SIMPLE WATER TREATMENT METHODS,0.0025 MG/L FOR NORMAL METHODS AND 0.005 MG/L FOR INTENSIVE METHODS MEMBER STATES SHALL SET STANDARDS AT LEAST ASSTRINGENT 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	CLASS PACK LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN DIELDRIN 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	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>

Common Name : **Dieldrin**RTECS Number : **IO1750000**CAS Number : **60-57-1**

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 PESTICIDES (PARATHION, DIELDRIN, HCH) IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS GC OR HPLC (AFTER EXTRACTATION AND PURIFICATION). 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>
F/W	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, PIMENTOS, 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>
GBR	REC	USE USE	AGRIC PESTI	PRO RSTR	<p>1) WITHDRAWAL OF USE IN BAITS FOR WASP CONTROL IN AGRICULTURE, HORTICULTURE, HOME GARDENS AND FOOD STORAGE PRACTICE; 2) WITHDRAWAL OF INSECTICIDAL USES IN HOME KITCHENS AND LARDERS; 3) WITHDRAWAL OF USE IN REMEDIAL FLUIDS AS WOOD PRESERVATION TREATMENTS (PROFESSIONAL USE); 4) DIELDRIN USE PERMITTED IN FOOD STORAGE PRACTICE ONLY WHEN FORMULATED AS AN INSECTICIDAL LACQUER, COATING OR PAINT FOR THE CONTROL OF COCKROACHES AND TROPICAL SPECIES OF ANTS (ALL OTHER USES IN FOOD STORAGE PRACTICE WITHDRAWN); 5) PERMITTED FOR THE PRETREATMENT OF TIMBER (INDUSTRIAL USE). REASONS FOR THE CONTROL ACTION: DIELDRIN IS A PERSISTENT ORGANOCHLORINE. ALL REMAINING USES ARE BEING KEPT UNDER REVIEW AND WILL BE REPLACED WHEREVER POSSIBLE BY THE USE OF LESS PERSISTENT PESTICIDES (IN ACCORDANCE WITH 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> 1966-1984</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1985</p>
GBR	REC	USE STORE FOOD	AGRIC PESTI	RSTR	<p>DIELDRIN SHOULD NOT BE USED BY HOUSEHOLDERS FOR CONTROL OF INSECT PESTS IN HOME KITCHENS AND LARDERS.</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> 30SEP1971</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1986</p>
GBR	REC	USE STORE FOOD	AGRIC PESTI	RSTR	<p>DIELDRIN SHOULD NOT BE USED IN FOOD STORAGE PRACTICE EXCEPT WHEN FORMULATED AS AN INSECTICIDAL LACQUER, COATING OR PAINT FOR USE IN THE CONTROL OF COCKROACHES AND TROPICAL SPECIES OF ANTS.</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> 1JAN1978</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1986</p>
GBR	REC	USE STORE FOOD	AGRIC PESTI	RSTR	<p>DIELDRIN SHOULD NOT BE USED IN BAITS FOR WASP CONTROL IN AGRICULTURE, HORTICULTURE, HOME GARDENS OR IN FOOD STORAGE PRACTICE IN GREAT BRITAIN.</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>
GBR	REC	USE STORE FOOD	AGRIC PESTI	RSTR	<p>DIELDRIN USE PERMITTED IN FOOD STORAGE PRACTICE ONLY WHEN FORMULATED AS AN INSECTICIDAL LACQUER, COATING OR PAINT FOR THE CONTROL OF COCKROACHES AND TROPICAL SPECIES OF ANTS. (ALL OTHER USES IN FOOD STORAGE PRACTICE WITHDRAWN).</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 : **Dieldrin**RTECS Number : **IO1750000**CAS Number : **60-57-1****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
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	USE	PESTI	PRO	<p>ALL REMAINING APPROVALS REVOKED (I.E. FOOD STORAGE PRACTICE). 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> : 30MCH1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1990</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 DIELDRIN 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 DIELDRIN 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	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 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 0.001 MG/L (FOR TOTAL OF THE PESTICIDES BHC, DIELDRIN AND PARATHION), DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.0025 MG/L (FOR TOTAL OF THE PESTICIDES BHC, DIELDRIN AND PARATHION), OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.005 MG/L (FOR TOTAL OF THE PESTICIDES BHC, DIELDRIN AND PARATHION), 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	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 ALDRIN, EXPRESSED AS ALDRIN 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 : Dieldrin

RTECS Number : IO1750000

CAS Number : 60-57-1

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>DIELDRIN 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, TELLURJUM 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	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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.006-2.0 MG/KG (SINGLY OR COMBINED WITH ALDRIN, 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->75%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 75-19% (SOLID) OR 75-7% (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>
JPN	REG	GOODS	CONSM	MXL	<p>THERE SHOULD BE LESS THAN 30 PPM (30UG/G) (AS MEASURED BY GAS-CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION) IN TEXTILE PRODUCTS (DIAPER COVER, UNDERWEAR, MIDDLE WEAR, OUTER-WEAR, NIGHTCLOTHES, GLOVES, HOSIERY, CAPS AND HATS, BEDDING AND CARPETS) AND WOOLEN YARN FOR HOUSEHOLD USE.</p> <p><u>Title</u> : LAW FOR THE CONTROL OF HOUSEHOLD PRODUCTS CONTAINING HARMFUL SUBSTANCES</p> <p><u>Reference</u> : CHPHS*,,,1974 <u>Effective Date</u> : 01OCT1983</p> <p><u>Last Amendment</u> : CHPHS*,,,1983 <u>Entry / Update</u> : NOV1991</p>

Common Name : Dieldrin

RTECS Number : IO1750000

CAS Number : 60-57-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 : ND - 0.02 MG/KG (INCLUDING DIELDRIN AND ALDRIN)</p> <p><u>Title</u> : FOOD SANITATION LAW OF JAPAN</p> <p><u>Reference</u> : JPNFS*,...,</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
KEN	REG	USE USE	AGRIC PESTI	RSTR RSTR	<p>RESTRICTED TO TERMITE CONTROL AND BANDING OF COFFEE TREES FOR ANTS CONTROL. REASONS FOR THE CONTROL ACTION: ACTION TAKEN BECAUSE OF HEALTH HAZARDS.</p> <p><u>Title</u> : PEST CONTROL PRODUCTS BOARD DECISION REF. PCPB/1/11/95 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>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.02-0.2 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	-	USE	AGRIC	PRO	<p>PROHIBITED AGRICULTURAL PESTICIDE. REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT (HIGHLY TOXIC PESTICIDE, LD50: 41-100 MG/KG).</p> <p><u>Title</u> : MANUAL DE PLAGUICIDAS AUTORIZADOS PARA 1982 (MANUAL OF AUTHORIZED PESTICIDES FOR 1982)</p> <p><u>Reference</u> : <u>Effective Date</u> : 1982</p> <p><u>Last Amendment</u> : MEXMP*,..., <u>Entry / Update</u> : 1987</p>
MEX	REG	AQ	AMBI	MPC	<p>0.3 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>0.017 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>
MEX	REG	AQ	AMBI	MPC	<p>0.003 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>
MEX	REG	AIR	OCC	MXL	<p>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.</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 : Dieldrin

RTECS Number : IO1750000

CAS Number : 60-57-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.01 MG/M3 (VAPOUR + 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	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC; READILY ABSORBED THROUGH THE SKIN <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,, <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.01-0.05 MG/KG(INCL.ALDRIN) <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: 0.005-0.1 MG/KG (INCL. ALDRIN) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) 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
SWE	REG	USE	PESTI	PRO	SUSPENDED BECAUSE OF 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> NPPB*,,,1970 <u>Last Amendment :</u> SVENF*,1985:426,4,,1985 <u>Effective Date :</u> ** 1970 <u>Entry / Update :</u> FEB1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->75%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 75-19% (SOLID) OR 75-7% (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) 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. <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	450 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,90,1990 <u>Last Amendment :</u> XPHPAW,90,117,90,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991

Common Name : Dieldrin

RTECS Number : IO1750000

CAS Number : 60-57-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 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>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	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	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>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 : **Dieldrin**RTECS Number : **IO1750000**CAS Number : **60-57-1**Area Type Subject Spec. Description Level / Summary Information :

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 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 AQ	DRINK PESTI	GL GL	<p>0.03 UG/L FOR ALDRIN/DIELDRIN. 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 : Diethylene Glycol

RTECS Number : ID5950000

CAS Number : 111-46-6

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA ANTIFREEZE PREPARATIONS CONTAINING DIETHYLENE GLYCOL WHEN PACKAGED AS CONSUMER PRODUCTS UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE 1 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	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	AQ USE	-	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
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 SOFTENER; MAXIMUM CONTENT OF SOFTENERS IN TOTAL: 27%. TOTAL AMOUNT OF DIETHYLENE GLYCOL AND ETHYLENE GLYCOL PRESENT IN FOODSTUFFS IN CONTACT WITH FILM: 50 MG/KG OF FOODSTUFF. <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
EEC	REG	FOOD PACK	-	PRMT	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: 30 MG/KG (ALONE OR WITH ETHYLENEGLYCOL). 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). <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). <u>Reference :</u> OJEC**,L75,,19,1990 <u>Effective Date :</u> 31DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> 1991
GBR	REG	AIR	OCC	OES	8H-TWA: 100 MG/M3 (23 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 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

Common Name : Diethylene Glycol

RTECS Number : ID5950000

CAS Number : 111-46-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	PSL	0.8 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: 10.0 MG/M3 (VAPOUR, 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	AQ	SURF	MAC CLASS	1.0 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	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 <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

Common Name : Diethylenetriamine

RTECS Number : IE1225000

CAS Number : 111-40-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 4 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, 4 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.): UN2079. 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: 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.</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>
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 : Diethylenetriamine

RTECS Number : IE1225000

CAS Number : 111-40-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22). C - CORROSIVE; CAUSES BURNS (R 34). XI - IRRITANT; MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). LABEL: C - CORROSIVE; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); CAUSES BURNS (R 34); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: C - CORROSIVE; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); CAUSES BURNS (R 34); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 10% TO 25%: C - CORROSIVE; CAUSES BURNS (R 34); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 5% TO 10%: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 1% TO 5%: XI - IRRITANT; MAY CAUSE SENSITIZATION 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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 4 MG/M3 (1 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	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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2079.</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>
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 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>

Common Name : Diethylenetriamine

RTECS Number : IE1225000

CAS Number : 111-40-0

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 4 MG/M3 (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>
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>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.2 MG/L HAZARD CLASS: IV</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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 4.5 MG/M3 (1 PPM); 15 MIN - STEL: 10 MG/M3 (2 PPM). SKIN ABSORPTION, 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2079.</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) 1 PPM, 4.2 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	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	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>

Common Name : Diethylenetriamine

RTECS Number : IE1225000

CAS Number : 111-40-0

Area Type Subject Spec. Description Level / Summary Information :

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 MANUF STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>FOR USE ONLY AS A MODIFIER FOR AMINO RESINSTHIS 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 : Diethyl Phthalate

RTECS Number : T11050000

CAS Number : 84-66-2

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*,24170,1,1,1979 <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	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> : MCH1991</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>
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>
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>
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 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.</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 : Diethyl Phthalate

RTECS Number : TI1050000

CAS Number : 84-66-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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> 01JAN1969 <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>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
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	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	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	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	USE PACK	-	RQR RQR	THIS SUBSTANCE IS LISTED AS A PLASTICIZER.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>Last Amendment :</u> CFRUS*,21,175,320,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991

Common Name : Diethyl Phthalate

RTECS Number : T11050000

CAS Number : 84-66-2

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 FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME PHTHALATE ESTERS 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	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	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	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 : **Diflubenzuron**RTECS Number : **YS6200000**CAS Number : **35367-38-5****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD USE GOODS	- AGRIC	AL PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.1-0.2 MG/KG; SECURITY INTERVAL: 21-30 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>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 RESTRICTED USE AS INSECTICIDE. (FORMULATION: WETTABLE POWDER). CODE DFB. 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 - 2.0 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,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.05-1.0 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	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
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG; ADI = 0.004 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	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG ADI = 0.004 MG/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
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

Common Name : **Diflubenzuron**RTECS Number : **YS6200000**CAS Number : **35367-38-5**Area Type Subject Spec. Description Level / Summary Information :

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</p> <p><u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, DIFLUBENZURON, 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.</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>

Common Name : **Diisobutyl Ketone**RTECS Number : **MJ5775000**CAS Number : **108-83-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 150 MG/M3 (25 PPM)</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,I,1,1979 Effective Date : 29MAY1991</p> <p>Last Amendment : ARGOB*,27145,I,4,1991 Entry / Update : OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1157. 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>Title :</p> <p>Reference : CAGAAK,124,26,5523,1990 Effective Date : 06DEC1990</p> <p>Last Amendment : Entry / Update : 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>Title :</p> <p>Reference : CAGAAK,122,2,551,1988 Effective Date : 31DEC1987</p> <p>Last Amendment : Entry / Update : APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 25 PPM, 250 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>
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>Title : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p>Reference : GMSMA6,,8,114,1990 Effective Date :</p> <p>Last Amendment : Entry / Update : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 50 ML/M3 (PPM); 290 MG/M3 (20C, 101.3 KPA).</p> <p>Title : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p>Reference : MPGDFD,XXVII,,17,1991 Effective Date :</p> <p>Last Amendment : Entry / Update : JAN1992</p>

Common Name : Diisobutyl Ketone

RTECS Number : MJ5775000

CAS Number : 108-83-8

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>
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). XI - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM (R 37). LABEL: XI - IRRITANT; FLAMMABLE (R 10); IRRITATING TO RESPIRATORY SYSTEM (R 37); AVOID CONTACT WITH SKIN (S 24). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE CONCENTRATION RANGE: ABOVE 10%: XI - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM (R 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>
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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 150 MG/M3 (25 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> :</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 150MG/M3 (25PPM)</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=MINOR DANGER-III=GREAT DANGER). UN NO. 1157.</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 : Diisobutyl Ketone

RTECS Number : MJ5775000

CAS Number : 108-83-8

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 150 MG/M3 (2.5 PPM) AND 290 MG/M3 (48 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS. (THE TWO LIMITS WERE LISTED FOR DIISOBUTYL KETONE).</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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = MINOR DANGER (I=MINOR DANGER-III=GREAT DANGER). UN NO. 1157.</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) 25 PPM, 145 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>2000 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,92,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,92,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME ISOBUTYL KETONESTHIS 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	TRNSP 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	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: SUBSTAN CE 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 : Dimefox

RTECS Number : TD4025000

CAS Number : 115-26-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MRL	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1 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	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	GOODS	PESTI	MRL	TOBACCO: 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	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	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN DIMEFOX ARE CLASSIFIED INTO CLASS 1A, 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. <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	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. <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 : Dimefox

RTECS Number : TD4025000

CAS Number : 115-26-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS 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 GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); 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 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><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	<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 AI = 100- >20%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 20- >2%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 2-0.5% (SOLID) OR 2- >0% (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	<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 STORAGEES, 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>
RUS	REG	USE	AGRIC	PRO	<p>NOT APPROVED 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*,,, <u>Entry / Update</u> : AUG1988</p>

Common Name : Dimefox

RTECS Number : TD4025000

CAS Number : 115-26-4

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->20%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 20->2%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 2-0.5% (SOLID) OR 2->0% (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) 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	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 : **Dimethoate**RTECS Number : **TE1750000**CAS Number : **60-51-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	1.0-2.0 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
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-2 MG/KG; SECURITY INTERVAL: 3-90 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (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	REC	AQ	DRINK	GL MAC	LEVELS SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. INTERIM MAXIMUM ACCEPTABLE CONCENTRATION (IMAC) - 0.02 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>Last Amendment :</u> <u>Effective Date :</u> 1989 <u>Entry / Update :</u> NOV1991
CAN	REG	FOOD LABEL SALE IMPR PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.5-2.0 PPM. (APPLIES TO DIMETHOATE INCLUDING THE METABOLITE OMETHOATE). 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,124,11,1988,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 11OCT1984 <u>Entry / Update :</u> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, RESTRICTED, DOMESTIC, MANUFACTURING USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; SOLUTION; SOLID). CODE DIM. 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,,,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 11AUG1988 <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>Last Amendment :</u> <u>Effective Date :</u> JAN1991 <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>Last Amendment :</u> SZCSR*,,33,762,1990 <u>Effective Date :</u> MAY1990 <u>Entry / Update :</u> DEC1991

Common Name : **Dimethoate**RTECS Number : **TE1750000**CAS Number : **60-51-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 1-2 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	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	USE	PESTI	RSTR	PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS. THIS DOES NOT APPLY FOR THE NON-COMMERCIAL USE OF PLANT PROTECTANT STICKS 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
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
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	SPECIFIED PLANT PRODUCTS: 0.2 - 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
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 SWALLOWS (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

Common Name : Dimethoate

RTECS Number : TE1750000

CAS Number : 60-51-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL) : 1 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> : 1JAN1982 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	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. <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
FW	REC	FOOD FOOD	-	ADI MRL	ADI: 0.002 MG/KG BW; MRL: CITRUS FRUIT, CURRANTS (BLACK),VEGETABLES (NOT OTHERWISE LISTED): 2 MG/KG; PEPPERS, STRAWBERRIES, TOMATOES: 1 MG/KG (EXPRESSED AS SUM OF DIMETHOATE AND OMETHOATE RESULTING FROM THE USE OF FORMOTHION, DIMETHOATE, AND OMETHOATE) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,27-IV,1986 <u>Entry / Update</u> : APR1991
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.01 MG/KG BW. MRL: HOPS (DRIED): 3 MG/KG; APPLES, APRICOTS, BEANS (EXCEPT BROAD BEAN AND SOYA BEAN), BLACKCURRANTS, BROCCOLI, BRUSSELS SPROUTS, CABBAGES (HEAD), CAULIFLOWER, CHERRIES, CITRUS FRUIT, CUCUMBER, GRAPES, LETTUCE (HEAD AND LEAF), PEACHES, PEARS, PLUMS: 2 MG/KG; BANANA, CARROT, CELERY, OLIVES, PEPPERS, SPINACH, STRAWBERRIES, TOMATOES, SUGARBEET LEAVES: 1 MG/KG; KALE, PEAS, TURNIP, WITLOOF CHICORY:0.5 MG/KG; BEETROOT, ONION (BULB), WHEAT: 0.2 MG/KG; OLIVE OIL (REFINED), OLIVES PROCESSED, POTATOES, SUGARBEET ROOTS: 0.05 MG/KG. (ALL LIMITS REFER TO DIMETHOATE ALONE). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FPPDD,92,,56,1988 <u>Entry / Update</u> : JUL1990
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	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05-2.0 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	USE	PESTI	PRMT	APPROVED AS A SYSTEMIC 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-73% (SOLID) OR 100-29% (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 : Dimethoate

RTECS Number : TE1750000

CAS Number : 60-51-5

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	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS : 1.0 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: 1.0-2.0 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	REC	FOOD EXPRT IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.5 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: 0.05-0.4 /KG. ADI = 0.01 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>
RUS	REG	FEED	-	MRL	<p>2.0 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> APR1981</p> <p><u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	SOIL	-	MAC	<p>0.3 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1981</p> <p><u>Last Amendment :</u> SCHSB*,SUPL-6,,,1982 <u>Entry / Update :</u> OCT1985</p>

Common Name : Dimethoate

RTECS Number : TE1750000

CAS Number : 60-51-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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></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>
RUS	REG	AIR	AMBI	MAC	<p>0.003 MG/M3 1X/D, 0.003 MG/M3 AV/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984</p> <p><u>Effective Date :</u> AUG1984</p> <p><u>Entry / Update :</u> SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.03 MG/L HAZARD CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988</p> <p><u>Effective Date :</u> 1JAN1989</p> <p><u>Entry / Update :</u> JUL1990</p>
RUS	REG	SAFTY	OCC	MAC	<p>MAXIMUM ALLOWABLE LEVEL OF SKIN CONTAMINATION OF HAND COMING IN CONTACT WITH SUBSTANCE: 0.02 MG/CM3</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> PDUZK*,4618-88,,,1988</p> <p><u>Effective Date :</u> MAY1988</p> <p><u>Entry / Update :</u> JUL1990</p>
SWE	REG	FOOD	PESTI	MTC	<p>PLANT (SPECIFIED): 0.05-2.0 MG/KG (INCL. DIMETHOATE-OXYGEN-ANALOGUE)</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</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,,1989</p> <p><u>Effective Date :</u> 01JAN1990</p> <p><u>Entry / Update :</u> 1992</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. KEMIKALJEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBEK*,,,,1991</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> **APR1992</p> <p><u>Entry / Update :</u> JAN1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1 = 100-73% (SOLID) OR 100-29% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,,162,1989</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> MAY1986</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</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 : **Dimethoate**RTECS Number : **TE1750000**CAS Number : **60-51-5**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500/10,000 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.</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	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 MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, DIMETHOATE, 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	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 : Dimethylamine

RTECS Number : IP8750000

CAS Number : 124-40-3

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 18 MG/M3 (10 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	14 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,,142,1980 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982
CAN	REG	AIR	OCC	TLV	TWA: 10 PPM, 18 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> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1160. CLASS (3.2): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 70, 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. MAXIMUMAMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ONA 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. (APPLIES ALSO TO 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	TRNSP LABEL PACK	-	CLASS RQR	ANHYDROUS. PIN (PRODUCT IDENTIFICATION NO.): UN1032. CLASS (2.1): FLAMMABLE GAS; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 88, 99, 102. 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: 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. <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 : **Dimethylamine**RTECS Number : **IP8750000**CAS Number : **124-40-3**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 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.): UN1160. CLASS (3.1): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 70, 99, 109. PACKING GROUP II, (I= GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO 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. (APPLIES ALSO TO SOLUTION)</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 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>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 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: 10 ML/M3 (PPM); 18 MG/M3 (20C, 101.3 KPA). SUBSTANCE HAVING INTENSIVE ODOR. 10 MIN- STEL: 20 ML/M3 (PPM); 36 MG/M3; CEILING VALUE; 4X/SHIFT. THE REACTION OF DIMETHYLAMINE WITH NITROSATING AGENTS CAN RESULT IN THE FORMATION OF CARCINOGENIC N-NITROSODIMETHYLAMINE.</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	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 : Dimethylamine

RTECS Number : IP8750000

CAS Number : 124-40-3

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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). LABEL: F - HIGHLY FLAMMABLE; XI - IRRITANT; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13); IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37); 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); DO NOT EMPTY INTO DRAINS (S 29). 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	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 DIMETHYLAMINE SOLUTION OF 65% 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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2P (APPLIES TO DIMETHYLAMINE SOLUTION)</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: 18 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> :</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 = SUBSTANCE PRESENTING MEDIUM DANGER. SUBSIDIARY RISK LABEL: CORROSIVE. (APPLIES TO DIMETHYLAMINE SOLUTION). UN NO. 1160</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.). SUBSIDIARY RISK LABEL: FLAMMABLE GAS. (APPLIES TO DIMETHYLAMINE, ANHYDROUS). UN NO.1032.</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 : **Dimethylamine**RTECS Number : **IP8750000**CAS Number : **124-40-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	AIR	OCC	MAC	TWA: 18 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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 18 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>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
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	AIR	AMBI	MAC	0.005 MG/M3, IX/D; 0.005 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 : 1.0 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO SOLUTIONS). UN NO.1160. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.); 3 = INFLAMMABLE LIQUID. (APPLIES TO ANHYDROUS DIMETHYLAMINE). UN NO.1032. <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	2000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,94,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,94,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 PPM, 18 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 : Dimethylamine

RTECS Number : IP8750000

CAS Number : 124-40-3

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> : FERAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991
		AQ	GRND	RQR	
		AQ	MARIN	RQR	
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.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 AQUEOUS SOLUTION) <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	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	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> : FERAC,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 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> : FERAC,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	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 IN ACCORDANCE TO 49 CFR 173.304 AND 173.314. A LL SHIPMENTS MUST BE LABELED FLAMMABLE GAS.; 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

Common Name : **N,N-Dimethylformamide**RTECS Number : **LQ2100000**CAS Number : **68-12-2**Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 30 MG/M3 (10 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.): 2265. 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. <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: 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> MAY1991
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	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	OCC	MAC	TWA : 30.0 MG/M3 ; CLV : 60.0 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

Common Name : **N,N-Dimethylformamide**RTECS Number : **LQ210000**CAS Number : **68-12-2****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 20 ML/M3 (PPM); 60 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 40 ML/M3 (PPM); 120 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.</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 USE	-	INDST	<p>CLASS RQR</p> <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	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS RQR</p> <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 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	<p>CLASS RQR</p> <p>CLASS: XN - HARMFUL; HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: XN - HARMFUL; HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21); IRRITATING TO EYES (R 36); 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 (S 36). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XN - HARMFUL; HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21); IRRITATING TO EYES (R 36). FROM 12.5% TO 20%: 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	REG	AIR	OCC	OES	<p>8H-TWA: 30 MG/M3 (10 PPM) - 10 MIN- STEL: 60 MG/M3 (20 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>

Common Name : **N,N-Dimethylformamide**RTECS Number : **LQ2100000**CAS Number : **68-12-2**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; 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	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : HARMFUL SUBSTANCE. EMERGENCY ACTION CODE : 2P <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	AIR	OCC	OES	8H-TWA: 30 MG/M3 (10 PPM). STEL (10 MIN-TWA): 60 MG/M3 (20 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> <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = FLAMMABLE LIQUID. PACKING GROUP: III = MINOR DANGER (I = GREAT DANGER-III=MINOR DANGER). UN NO. 2265 <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: 30 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>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 30 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 60 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>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	AMBI	MAC	0.03 MG/M3 1XD, 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 CLASS	10.0 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
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0.28 MG/L <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> SEP1985

Common Name : **N,N-Dimethylformamide**RTECS Number : **LQ2100000**CAS Number : **68-12-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 10.0 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
SWE	REG	AIR	OCC	HLV	1D-TWA: 30 MG/M3 (10 PPM); 15 MIN - STEL: 45 MG/M3 (15 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 = FLAMMABLE LIQUID. PACKING GROUP: III = MINOR DANGER (I = GREAT DANGER-II(=MINOR DANGER). UN NO. 2265 <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, 30 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	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 <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	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>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	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

Common Name : N-Dimethylnitrosamine

RTECS Number : IQ0525000

CAS Number : 62-75-9

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> MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER POISONOUS SOLIDS, 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.</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 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	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: 0.0025 MG/M3. APPLIES TO THE SUM OF N-NITROSODI-N-BUTYLAMINE, N-NITROSODIETHANOLAMINE, N-NITROSODIETHYLAMINE, N-NITROSODIMETHYLAMINE, N-NITROSODIISOPROPYLAMINE, N-NITOSODI-N-PROPYLAMINE, N-NITROSOMETHYLETHYLAMINE, N-NITROSOMORPHOLINE, N-NITROSOPIPERIDINE, AND N-NITROSOPYRROLIDINE IN: 1) VULCANISATION AND FOLLOWING WORKS, INCLUDING STORAGE, OF TECHNICAL RUBBER ARTICLES AND TYRES; 2) PRODUCTION OF POLYACRYLONITRILE ACCORDING TO THE DRY SPINNING METHOD WITH USE OF DIMETHYLFROMAMIDE; 3) FILLING OF KETTLES AND REACTORS WITH AMINES. 8H-TWA: 0.001 MG/M3. APPLIES TO THE SUM OF THE ABOVE MENTIONED NITROSAMINES 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.)</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 : N-Dimethylnitrosamine

RTECS Number : IQ0525000

CAS Number : 62-75-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAX	<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 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,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	GOODS FOOD	- DRINK	MPC MPC	<p>FROM PACIFIERS AND TEATS THE EXTRACTABLE AMOUNT OF N-NITROSAMINES IN THE ELASTOMER MAY NOT EXCEED 0.01 MG/KG ELASTOMER WITH A NITRITE CONTAINING SALIVA SOLUTION DURING 24 HOURS AT 40C. THE EXTRACTABLE AMOUNT OF SUSTANCES WHICH AFTER ACIDIFICATION FORM N-NITROSAMINES MAY NOT, UNDER THE SAME CONDITIONS, EXCEED 0.2 MG/KG ELASTOMERS.</p> <p><u>Title</u> : ORDINANCE ON NITROSAMINES IN COMMODITY GOODS (NITROSAMIN-BEDARFSGEGENSTAENDE-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1406,1981 <u>Effective Date</u> : 01JAN1982</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>
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 : **N-Dimethylnitrosamine**RTECS Number : **IQ0525000**CAS Number : **62-75-9****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: CARC.CAT.2; MAY CAUSE CANCER (R 45). T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). T - TOXIC; TOXIC IF SWALLOWED (R 25); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/25). LABEL: T+ - VERY TOXIC; MAY CAUSE CANCER (R 45); TOXIC IF SWALLOWED (R 25); VERY TOXIC BY INHALATION (R 26); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/25); 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 (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,,1,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1,1990 <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 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 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,,1,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>

Common Name : N-Dimethylnitrosamine

RTECS Number : IQ0525000

CAS Number : 62-75-9

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 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>
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	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> : FEREC,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>

Common Name : N-Dimethylnitrosamine

RTECS Number : IQ0525000

CAS Number : 62-75-9

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	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	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=1,000 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.</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>

Common Name : **N,N-Dimethyl-p-phenylenediamine**RTECS Number : **ST1050000**CAS Number : **99-98-9**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<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 BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); 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). 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>
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>

Common Name : Dimethyl phthalate

RTECS Number : T11575000

CAS Number : 131-11-3

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. 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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS INSECT REPELLENT. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; PASTE; PRESSURIZED PRODUCT; SOLUTION; LIQUID). CODE DMP. 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	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>
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> :</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	<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>

Common Name : **Dimethyl phthalate**RTECS Number : **T11575000**CAS Number : **131-11-3**

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>
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 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.</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: 0.3 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	AQ	SURF	MAC CLASS	<p>0.3 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>
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 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>9300 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,98,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,98,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : Dimethyl phthalate

RTECS Number : T11575000

CAS Number : 131-11-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 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>
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 CONS TITUENT 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 FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>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.</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 : Dimethyl phthalate

RTECS Number : T11575000

CAS Number : 131-11-3

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>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	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	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 : Dimethyl Sulfate

RTECS Number : WS8225000

CAS Number : 77-78-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.5 MG/M3 (0.1 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,,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>0.4 MG/M3 (0.08 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	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: 0.1 PPM, 0.5 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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1595. 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: 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	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>

Common Name : Dimethyl Sulfate

RTECS Number : WS8225000

CAS Number : 77-78-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	TWA: 0.05 MG/M3, CLV: 0.1 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
DEU	REC	AIR	OCC	TRK	8H-TWA: 0.02 ML/M3; 0.1 MG/M3. APPLIES TO THE PRODUCTION. 8H-TWA: 0.04 ML/M3; 0.2 MG/M3. APPLIES TO THE USE. (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 GEFAHRLICHE 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	DANGER OF CUTANEOUS ABSORPTION. 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 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 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 : Dimethyl Sulfate

RTECS Number : WS8225000

CAS Number : 77-78-1

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: CARC.CAT.2; MAY CAUSE CANCER (R 45). T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). T - TOXIC; TOXIC IF SWALLOWED (R 25). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: T+ - VERY TOXIC; MAY CAUSE CANCER (R 45); ALSO TOXIC IF SWALLOWED (R 25); ALSO VERY TOXIC BY INHALATION (R 26); CAUSES BURNS (R 34); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27); 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). (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	AIR	OCC	RECL	<p>8H-TWA: 0.5 MG/M3 (0.1 PPM). STEL (10 MIN-TWA): 0.5 MG/M3 (0.1 PPM). 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	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: I = VERY DANGEROUS SUBSTANCE. UN NO.1595.</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: 0.52 MG/M3 (0.1 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 0.5 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>

Common Name : Dimethyl Sulfate

RTECS Number : WS8225000

CAS Number : 77-78-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO RSTR	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). <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. SUBSIDIARY RISK: 8 = CORROSIVE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. UN NO.1595. <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	10 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,98,1990 <u>Last Amendment :</u> XPHPAW,90,117,98,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 PPM, 0.52 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	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 : Dimethyl Sulfate

RTECS Number : WS8225000

CAS Number : 77-78-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 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.</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)), 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	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=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.</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 : Dimetilan

RTECS Number : EZ9084000

CAS Number : 644-64-4

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 BEC (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 BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); 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 PACK LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN DIMETILAN 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->50%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 50-12% (SOLID) OR 50-5% (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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->50%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 50-12% (SOLID) OR 50-5% (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=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 : 3,5-Dinitro-o-cresol

RTECS Number : GO9500000

CAS Number : 497-56-3

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	SALE		RSTR	SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY. (APPLIES TO DINITROCRESOLS AND THEIR COMPOUNDS WITH A METAL OR A BASE) (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> FEB'1986
GBR	REG	SALE		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OFPART 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. (APPLIES TO DINITROCRESOLS (DNOC); THEIR COMPOUNDS WITH A METAL OR A BASE; EXCEPT WINTER WASHES CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT OF DINITROCRESOLS) (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 STORE		RSTR RQR	POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS ARE MADE REGARDING PERSONS TO WHOMTHE POISON MAY BE SOLD AND FOR THE KEEPING OFRECORDS OF SALES. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO DINITROCRESOLS AND THEIR COMPOUNDS WITH A METAL OR A BASE; EXCEPT WINTER WASHES CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT OF DINITROCRESOLS) (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 MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BYA PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER. (APPLIES TO DINITROCRESOLS AND THEIR COMPOUNDS WITH A METAL OR BASE) <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

Common Name : Dinitrogen Tetroxide

RTECS Number :

CAS Number : 10544-72-6

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	TRNSP LABEL PACK	-	CLASS RQR	<p>LIQUEFIED. PIN (PRODUCT IDENTIFICATION NO.): UN1067. CLASS (2.3): POISON GAS; CLASS (5.1): OXIDIZER. SPECIAL PROVISIONS: 46, 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>
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	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 NITROGEN OXIDES AND OTHER NITROGEN 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	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). X1 - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM (R 37). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26); IRRITATING TO RESPIRATORY SYSTEM (R 37); 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); 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>

Common Name : **Dinitrogen Tetroxide**

RTECS Number :

CAS Number : **10544-72-6**Area Type Subject Spec. Description Level / Summary Information :

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED) SUBSIDIARY RISK LABEL: OXIDIZING SUBSTANCE. (APPLIES TO NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURES; (NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURES) UN NO.1975			
					<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: 2 = GAS (COMPRESSED) SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE (APPLIES TO NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURES; (NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURES)). UN NO.1975			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	
					<u>Last Amendment :</u>	UNTDG*,,,15,1989	<u>Entry / Update :</u>	NOV1990
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 DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE SEGREGATED AS FOR NONFLAMMABLE GASES AND STOWED AWAY FROM ORGANIC MATERIALS. ALL SHIPMENTS MUST BE LABELED POISON GAS AND 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

Common Name : 2,4-Dinitrophenol

RTECS Number : SL2800000

CAS Number : 51-28-5

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>
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>
IND	REG	MANUF IMPRT STORE CLASS	-	RQR RQR RQR CLASS	<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 50 T. (APPLIES TO DINITROPHENOL SALTS)</p> <p><u>Title :</u> MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES</p> <p><u>Reference :</u> GAIND*,787,,1,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.03 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>
SWE	REG	USE	PESTI	PRO	<p>WITHDRAWN FROM THE MARKET BECAUSE OF ITS HIGH ACUTE TOXICITY, SPECIAL TOXIC EFFECTS AND HIGH PENETRATION THROUGH THE SKIN.</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*,,,1985 <u>Effective Date :</u> ** 1985</p> <p><u>Last Amendment :</u> SVENF*,1985:426,,4,1985 <u>Entry / Update :</u> FEB1992</p>

Common Name : 2,4-Dinitrophenol

RTECS Number : SL2800000

CAS Number : 51-28-5

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. KEMIKALINSPEKTIONENS 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	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>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	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	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	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>

Common Name : 2,4-Dinitrophenol

RTECS Number : SL280000

CAS Number : 51-28-5

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	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME DINITROPHENOLTHIS 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 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,100,22706,1989 <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 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>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>

Common Name : **Dinobuton**RTECS Number : **FF910000**CAS Number : **973-21-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD	-	AL	<p>COTTON SEEDS : 0.05 MG/KG (SAFETY INTERVALS : 21 DAYS)</p> <p><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)</p> <p><u>Reference</u> : VISAB*.2.,,1979 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</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 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>SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 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>
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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IF SWALLOWED (R 25). LABEL: T - TOXIC; TOXIC IF SWALLOWED (R 25); WEAR SUITABLE GLOVES (S 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 : Dinobuton

RTECS Number : FF9100000

CAS Number : 973-21-7

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 = 100-25% (SOLID) OR 100-10% (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	SURFACE WATER FOR FISHING: 0 MG/L; SEA WATER: 0.01 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	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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-0.5 MG/KG. 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	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	0.2 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
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	SOIL	-	MAC	1.0 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	AIR	OCC	PSL	0.2 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
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
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>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986

Common Name : **Dinocap**RTECS Number : **GQ5775000**CAS Number : **39300-45-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-1 MG/KG; SECURITY INTERVAL: 7-21 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
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: 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PLANZENSCHUTZMITTEL-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 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. <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). XI - IRRITANT; IRRITATING TO SKIN (R 38). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO SKIN (R 38); 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
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

Common Name : **Dinocap**RTECS Number : **GQ5775000**CAS Number : **39300-45-3**

<u>Area</u>	<u>Type</u>	<u>Subject</u>	<u>Spec.</u>	<u>Description</u>	<u>Level / Summary Information :</u>
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 1.0 MG/KG. ADI = 0.08 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 : 0.2 MG/M3 (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 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 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	USE	PESTI	PRO	SUSPENDED DUE TO TERATOGENICITY SHOWN IN MICE AND RABBITS <u>Title :</u> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALJEINSPEKTIONEN <u>Reference :</u> KEMIB*,,,1989 <u>Last Amendment :</u> <u>Effective Date :</u> ** 1989 <u>Entry / Update :</u> FEB1992

Common Name : Dinoseb

RTECS Number : SJ9800000

CAS Number : 88-85-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD USE GOODS	- AGRIC	AL PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.05 MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: I.II(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 - 1985. 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
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; SOLUTION) APPLIES TO DINOSEB PRESENT IN FREE FORM AS ALKANOLAMINE SALTS, OR AS MIXED SALTS. CODE DNB. 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	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 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 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	HOP: 0.2 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DINOSEB, SALTS OF DINOSEB AND DINOSEB ACETATE, CALCULATED AS DINOSEB. <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 : **Dinoseb**RTECS Number : **SJ9800000**CAS Number : **88-85-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING DINOSEB, ITS ACETATES OR ITS SALTS MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE DINOSEB, ITS ACETATES OR ITS SALTS 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	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,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN DINOSEB AND/OR ITS SALTS AND ESTERS 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	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> : 1978</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: RISK OF EXPLOSION IF HEATED UNDER CONFINEMENT (R 44). T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). TERA. CAT.2; MAY CAUSE BIRTH DEFECTS (R 47). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: T - TOXIC; MAY CAUSE BIRTH DEFECTS (R 47); TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); IRRITATING TO EYES (R 36); RISK OF EXPLOSION IF HEATED UNDEER CONFINEMENT (R 44); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW LABEL WHERE POSSIBLE) (S 44). ALSO APPLIES TO DINOSEB SALTS AND ESTERS WITH THE EXCEPTION OF THOSE SPECIFIED ELSEWHERE IN THE DOCUMENT. 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 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 SUBSTANCE ALONE OR IN COMBINATION WITH OTHER ACTIVE SUBSTANCES LISTED MAY NEITHER BE PLACED ON THE MARKET NOR USED. (APPLIES TO DINOSEB, ITS ACETATE AND SALTS).</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> : 31DEC1990</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : JUL1991</p>

Common Name : **Dinoseb**RTECS Number : **SJ9800000**CAS Number : **88-85-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	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	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. (APPLIES TO DINOSEB AND ITS COMPOUNDS WITH A METAL OR A BASE) (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. (APPLIES TO DINOSEB AND ITS COMPOUNDS WITH A METAL OR A BASE) (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	USE	PESTI	PRMT	<p>APPROVED AS A CONTACT AND 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>
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. (APPLIES TO DINOSEB AND ITS COMPOUNDS WITH A METAL OR A BASE)</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 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. (APPLIES TO DINOSEB AND ITS COMPOUNDS WITH A METAL OR A BASE) (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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->40%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40-8% (SOLID OR 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>0.1 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>

Common Name : Dinoseb

RTECS Number : SJ9800000

CAS Number : 88-85-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	USE	AGRIC	PRO	NOT APPROVED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC. EASILY ABSORBED THROUGH THE SKIN <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSMH*,,, <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.05 MG/M3 (VAPOUR, 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
SWE	REG	USE	PESTI	PRO	SUSPENDED DUE TO HIGH TOXICITY. <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**,,,1979 <u>Last Amendment :</u> SVENF*,1985:426,,4,1978 <u>Effective Date :</u> ** 1979 <u>Entry / Update :</u> FEB1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->40%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40-8% (SOLID OR 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	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	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	SAFTY STORE	INDST INDST	RQR RQR	TPQ=100/10,000 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, 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 : **Dinoseb**

RTECS Number : **SJ9800000**

CAS Number : **88-85-7**

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> : 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>
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	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> : FEREC,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 : Dinoseb Acetate

RTECS Number : AF7140000

CAS Number : 2813-95-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05 MG/KG (PROVISIONAL); ALFALFA: 0.05 MG/KG; PROVISIONAL TOXICITY CLASS: I,II (DEPENDING ON FORMULATION) (I= MOST TOXIC, IV= LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.

Title : SUBSTANCIAS COM Acao TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)

Reference : SBTAP*,1,1984

Effective Date :

Last Amendment :

Entry / Update : AUG1985

CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.
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Title : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION

Reference : SPPOR*,290,1990

Effective Date : JAN1991

Last Amendment :

Entry / Update : DEC1991

CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON.
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Title : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH

Reference : SZCSR*,42,1217,1988

Effective Date : MAY1990

Last Amendment : SZCSR*,33,762,1990

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,,1,1931,1991

Effective Date : 15JUN1991

Last Amendment :

Entry / Update : 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.
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Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)

Reference : BGZBAD,,1,1931,1991

Effective Date : 15JUN1991

Last Amendment :

Entry / Update : APR1992

DEU	REG	FOOD	PESTI	MRL	HOP: 0.2 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DINOSEB, SALTS OF DINOSEB AND DINOSEB ACETATE, CALCULATED AS DINOSEB.
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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

EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN DINOSEB AND/OR ITS SALTS AND ESTERS 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.
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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,,13,1978

Effective Date :

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

Entry / Update : APR1986

Common Name : Dinoseb Acetate

RTECS Number : AF7140000

CAS Number : 2813-95-8

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: RISK OF EXPLOSION IF HEATED UNDER CONFINEMENT (R 44). T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). TERA.CAT.2; MAY CAUSE BIRTH DEFECTS (R 47). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: T - TOXIC; MAY CAUSE BIRTH DEFECTS (R 47); TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); IRRITATING TO EYES (R 36); RISK OF EXPLOSION IF HEATED UNDER CONFINEMENT (R 44); 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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: RISK OF EXPLOSION IF HEATED UNDER CONFINEMENT (R 44). T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). TERA.CAT.2; MAY CAUSE BIRTH DEFECTS (R 47). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: T - TOXIC; MAY CAUSE BIRTH DEFECTS (R 47); TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); IRRITATING TO EYES (R 36); RISK OF EXPLOSION IF HEATED UNDER CONFINEMENT (R 44); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW LABEL WHERE POSSIBLE) (S 44). ALSO APPLIES TO DINOSEB SALTS AND ESTERS WITH THE EXCEPTION OF THOSE SPECIFIED ELSEWHERE IN THE DOCUMENT. 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	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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-30% (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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-30% (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> : UNTDG*,,,162,1989 <u>Entry / Update</u> : MAY1986</p>

Common Name : **Dioxacarb**

RTECS Number :

CAS Number : **6988-21-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT RSTR CLASS	SPECIFIED PLANT PRODUCTS: NO RESIDUE AT ALL: PROVISIONAL TOXICITY CLASS: II (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED ACCORDING TO PRESCRIPTIONS FOR FORMULATIONS BETWEEN 3% AND 5% (W/W).
					<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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS, DATE OF LAST OCCURRENCE: 1990. CODE DIP. 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	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 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>

Common Name : **Dioxacarb**

RTECS Number :

CAS Number : **6988-21-2**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	PESTICIDE PREPARATIONS WHICH CONTAIN DIOXACARB 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. <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 PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	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. <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: T - TOXIC; TOXIC IF SWALLOWED (R 25). LABEL: T - TOXIC; TOXIC IF SWALLOWED (R 25); WEAR SUITABLE GLOVES (S 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III=SUBSTANCE PRESENTING MINORDANGER WHEN 100-30% A.I. (SOLID) OR 100-10% A.I. (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC**,6222,1990 <u>Entry / Update :</u> JAN1991
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>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,, <u>Entry / Update :</u> AUG1988
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III=SUBSTANCE PRESENTING MINORDANGER WHEN 100-30% A.I. (SOLID) OR 100-10% A.I. (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 : p-Dioxane

RTECS Number : JG8225000

CAS Number : 123-91-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 90 MG/M3 (25 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	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.): UN1165. 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>TECHNICAL GRADE. TWA: 25 PPM. 90 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: 50 ML/M3 (PPM); 180 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 100 ML/M3 (PPM); 360 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: 4.1 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>

Common Name : p-Dioxane

RTECS Number : JG8225000

CAS Number : 123-91-1

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 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	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;,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 - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11); MAY FORM EXPLOSIVE PEROXIDES (R 19). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). LABEL: F - HIGHLY FLAMMABLE; XN HARMFUL; HIGHLY FLAMMABLE (R 11); MAY FORM EXPLOSIVE PEROXIDES (R 19); 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); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). FROM 1% TO 20%: 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 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: 90 MG/M3 (25 PPM) - 10 MIN- STEL: 360 MG/M3 (100 PPM) - CAN BE ABSORBED THROUGH SKIN - (APPLIES TO TECHNICAL GRADE 1,4-DIOXANE) -</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 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 : p-Dioxane

RTECS Number : JG8225000

CAS Number : 123-91-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2SE</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: 90 MG/M3 (25 PPM). STEL (10 MIN-TWA): 360 MG/M3 (100 PPM). SKIN ABSORPTION. (APPLIES TO TECHNICAL GRADE).</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: IF = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1165.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,10004,1990 <u>Effective Date</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 COPEL 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: 36 MG/M3 (10 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>
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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 90 MG/M3 (25 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 360 MG/M3 (100 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 : **p-Dioxane**RTECS Number : **JG8225000**CAS Number : **123-91-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	0.07 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: 90 MG/M3 (25 PPM); 15 MIN - STEL: 180 MG/M3 (50 PPM), 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1165. <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) 25 PPM, 90 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	2000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,100,1990 <u>Last Amendment :</u> XPHPAW,90,117,100,1990 <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: 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> FERECAC,42,,14534,1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Effective Date :</u> 1977 <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> FERECAC,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	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 : p-Dioxane

RTECS Number : JG8225000

CAS Number : 123-91-1

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>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>
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	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	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>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	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>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>

Common Name : **Dioxathion**RTECS Number : **TE3350000**CAS Number : **78-34-2**

Area	Type	Subject	Spec.	Description	Level / Summary information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.2 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>
ARG	REG	FOOD FEED	-	MRL MRL	<p>SPECIFIED MEAT AND FAT PRODUCTS: 1 MG/KG MILK: 0 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 27MCH1969</p> <p><u>Last Amendment</u> : ALEYP*,18073,,1969 <u>Entry / Update</u> : MAY1985</p>
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 2-5 PPM; SPECIFIED ANIMAL PRODUCTS, MRL = 1 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 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,124,11,1988,1990 <u>Effective Date</u> : 13SEP1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.2 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	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 1.0-5.0 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	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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 - 3.0 MG/KG. OTHER PLANT PRODUCTS: 0.02 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>

Common Name : **Dioxathion**RTECS Number : **TE3350000**CAS Number : **78-34-2**

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,,1,1931,1991 <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): 0.2 MG/KG; PLANT (SPECIFIED):0.4-3 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 BY INHALATION AND IF SWALLOWED (R 26/28). T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24). LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN (R 24); VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28); 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	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN DIOXATHION ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%.</p> <p>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: 0.0015 MG/KG BW; MRL: APPLES, PEARS, QUINCES: 5 MG/KG; CITRUS FRUIT: 3 MG/KG; GRAPES: 2 MG/KG; CARCASE MEAT OF CATTLE, GOATS, PIGS, AND SHEEP (IN CARCASE FAT): 1 MG/KG; APRICOTS, CHERRIES, PEACHES, PLUMS: 0.1 MG/KG; MILK: 0.008 MG/KG (EXPRESSED AS SUM OF CIS- AND TRANS-DIOXATHION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,28-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.2 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	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 : **Dioxathion**RTECS Number : **TE3350000**CAS Number : **78-34-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>Last Amendment</u> : GBRSI*,1077,,1,1985</p> <p><u>Effective Date</u> : 01JAN1986</p> <p><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> _____ :</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985</p> <p><u>Effective Date</u> : 01JAN1986</p> <p><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> _____ :</p> <p><u>Last Amendment</u> : GBRSI*,1077,,1,1985</p> <p><u>Effective Date</u> : 01JAN1986</p> <p><u>Entry / Update</u> : FEB1986</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->40%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40-10% (SOLID) OR 40-4% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> _____ :</p> <p><u>Last Amendment</u> : IMCOC*,,,6222,1990</p> <p><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 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</p> <p><u>Last Amendment</u> :</p> <p><u>Effective Date</u> : 27NOV1989</p> <p><u>Entry / Update</u> : SEP1992</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 1.0-5.0 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</p> <p><u>Last Amendment</u> :</p> <p><u>Effective Date</u> :</p> <p><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 0.2 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</p> <p><u>Last Amendment</u> : DOMEX*,,,1989</p> <p><u>Effective Date</u> : 28MAY1984</p> <p><u>Entry / Update</u> : DEC1991</p>

Common Name : **Dioxathion**RTECS Number : **TE3350000**CAS Number : **78-34-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	FOOD	PESTI	MTC	<p>MEAT PRODUCTS : 0.05 MG/KG (INCL. CIS-AND TRANS-ISOMERS)</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: 0.3-3.0 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 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->40%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40-10% (SOLID) OR 40-4% (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 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> : 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, DIOXATHION, 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 : **Dioxathion**RTECS Number : **TE3350000**CAS Number : **78-34-2**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	Description	Level / Summary Information :
					ALL FORMULATIONS WITH DIOXATHION IN CONCENTRATE SOLUTIONS OR EMULSIFIABLE CONCENTRATIONS GREATER THAN 30% (TOTAL OF DIOXATHION PLUS RELATED COMPOUNDS) ARE RESTRICTED FOR ALL USES. ALL FORMULATIONS WITH DIOXATHION IN CONCENTRATE SOLUTIONS OR EMULSIFIABLE CONCENTRATIONS OF 30% OR LESS (TOTAL OF DIOXATHION PLUS RELATED COMPOUNDS) AND ALL WETTABLE POWDERS WITH DIOXATHION OF 25% OR LESS (TOTAL OF DIOXATHION PLUS RELATED COMPOUNDS) ARE UNCLASSIFIED FOR NON-DOMESTIC LIVESTOCK AND AGRICULTURAL USES. ALL FORMULATIONS WITH DIOXATHION IN SOLUTIONS OF 3% AND GREATER (TOTAL OF DIOXATHION PLUS RELATED COMPOUNDS) ARE RESTRICTED FOR DOMESTIC USES. ALL FORMULATIONS WITH DIOXATHION IN SOLUTIONS OF 2.5% WITH TOXAPHENE AND MALATHION (TOTAL OF DIOXATHION PLUS RELATED COMPOUNDS) ARE UNDER EVALUATION FOR ALL USES. (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.	
					<u>Title :</u> PESTICIDES CLASSIFIED FOR RESTRICTED USE	
					<u>Reference :</u> FEREC,43,,5790,1978	<u>Effective Date :</u> 1978
					<u>Last Amendment :</u> CFRUS*,40,152,175,1990	<u>Entry / Update :</u> JAN1992

Common Name : **Diphenamid**RTECS Number : **AB805000**CAS Number : **957-51-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE GOODS	- AGRIC	AL PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.1-1 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. <i>Title :</i> SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <i>Reference :</i> SBTAP*,1,1984 <i>Effective Date :</i> <i>Last Amendment :</i> <i>Entry / Update :</i> AUG1985
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS. MRL = 1 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. <i>Title :</i> <i>Reference :</i> CAGAAK,124,11,,1990 <i>Effective Date :</i> 25NOV1976 <i>Last Amendment :</i> <i>Entry / Update :</i> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE DIP. 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. <i>Title :</i> <i>Reference :</i> CAGAAK,122,18,3601,1988 <i>Effective Date :</i> 11AUG1988 <i>Last Amendment :</i> <i>Entry / Update :</i> JUN1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <i>Title :</i> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <i>Reference :</i> SPPOR*,1,290,1990 <i>Effective Date :</i> JAN1991 <i>Last Amendment :</i> <i>Entry / Update :</i> DEC1991
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 0.05 MG/KG. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG. <i>Title :</i> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <i>Reference :</i> BGZBAD,,1,1861,1989 <i>Effective Date :</i> 22MCH1990 <i>Last Amendment :</i> BGZBAD,,1,481,1990 <i>Entry / Update :</i> 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. <i>Title :</i> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <i>Reference :</i> BGZBAD,,1,1931,1991 <i>Effective Date :</i> 15JUN1991 <i>Last Amendment :</i> <i>Entry / Update :</i> APR1992
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. <i>Title :</i> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <i>Reference :</i> BGZBAD,,1,1861,1989 <i>Effective Date :</i> 22MCH1990 <i>Last Amendment :</i> BGZBAD,,1,481,1990 <i>Entry / Update :</i> DEC1991

Common Name : **Diphenamid**RTECS Number : **AB8050000**CAS Number : **957-51-7**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>
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>
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: 0.1-1.0 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	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: 5.0 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>
RUS	REG	USE	AGRIC	RSTR	<p>SEVERELY RESTRICTED FOR USE AS A PESTICIDE USE ON CABBAGE FORBIDDEN BECAUSE OF THE HIGH RESIDUAL LEVELS IN CROPS REASONS FOR THE CONTROL ACTION: HIGHLY MUTAGENIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OSUMH*,,21MCH,1986 <u>Entry / Update :</u> AUG1988</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1-0.15 MG/KG. ADI = 0.001 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>

Common Name : **Diphenamid**RTECS Number : **AB8050000**CAS Number : **957-51-7**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, DIPHENAMID, 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 : **Diphenylamine**RTECS Number : **JJ7800000**CAS Number : **122-39-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>Effective Date</u> : 29MAY1991 <u>Last Amendment</u> : ARGOB*,27145, ,4,1991 <u>Entry / Update</u> : OCT1991
CAN	REG	AIR	OCC	TLV	TWA: 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". <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 USE AS NON-PARASITIC DISEASE CONTROL; PLANT GROWTH REGULATOR. (FORMULATION: SOLUTION; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE DPA. 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	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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 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> : 15NOV1984 <u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991
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

Common Name : Diphenylamine

RTECS Number : JJ7800000

CAS Number : 122-39-4

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	APPLES, PEARS: 3.0 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	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).
<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					
FW	REC	FOOD FOOD	-	ADI MRL	ADI: 0.02 MG/KG BW; MRL: APPLES: 5 MG/KG (EXPRESSED AS DIPHENYLAMINE)
<u>Title :</u>					
<u>Reference :</u> <u>Effective Date :</u> 1986					
<u>Last Amendment :</u> FAOCA*,XIII,,30-IV,1986 <u>Entry / Update :</u> APR1991					
GBR	REG	AIR	OCC	OES	8H-TWA: 10 MG/M3, STEL (10 MIN-TWA): 20 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					
KEN	REG	FOOD	PESTI	MRL	APPLES: 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 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.
<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	0.05 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					

Common Name : Diphenylamine

RTECS Number : JJ7800000

CAS Number : 122-39-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
SWE	REG	FOOD	PESTI	MTC	PLANT (SPECIFIED) : 3 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) 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. <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 MANUF STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	FOR USE ONLY AS AN ANTIOXIDANT FOR FATTY-BASED COATING ADJUVANTS PROVIDED IT IS USED AT A LEVEL NOT TO EXCEED 0.005 PERCENT BY WEIGHT OF COATING SOLIDS.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
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) 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	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME DIPHENYLAMINETHIS 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
USA	REG	USE FOOD STORE MANUF PACK	- ADDIT	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 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

Common Name : 1,2-Diphenylhydrazine

RTECS Number : MW2625000

CAS Number : 122-66-7

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 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
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	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	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	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	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

Common Name : 1,2-Diphenylhydrazine

RTECS Number : MW2625000

CAS Number : 122-66-7

Area Type Subject Spec. Description Level / Summary Information :

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 29-39 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> : FERECAC,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 : **Diquat Dibromide**RTECS Number : **JM5690000**CAS Number : **85-00-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.5 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: 0.1-5 MG/KG; SECURITY INTERVAL: 1-7 DAYS; 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	AQ	DRINK	GL MAC	<p>MAC: 0.07 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 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	TRNSP LABEL PACK	-	CLASS RQR	<p>SEE UNDER BIPYRIDILLIUM 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 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: 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> : 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	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 : **Diquat Dibromide**RTECS Number : **JM5690000**CAS Number : **85-00-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.01-3.0 MG/KG (MILK PRODUCTS CALCULATED 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
CSK	REG	FEED	-	MXL	MXL: 2.0 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF). 1.5-4.0 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
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	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,,f,1891,1991 <u>Effective Date</u> : 01SEP1991 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.05 MG/KG; VEGETABLES: 0.1 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> : 01JUL1986 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); DO NOT BREATHE DUST (S 22); 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). APPLIES TO DIQUAT 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 CONTACT 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
GBR	REG	USE	PESTI	PRMT	HERBICIDE APPROVED FOR USE IN OR NEAR WATER. SAFETY LEVEL BEFORE IRRIGATION : 10 DAYS <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 : **Diquat Dibromide**RTECS Number : **JM5690000**CAS Number : **85-00-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2R</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: 0.5 MG/M3. STEL (10 MIN-TWA): 1 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 = 100-45% (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>
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 OR 1 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: 0.05-2.0 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : MDUPE*,3081-84,,,1984 <u>Effective Date</u> : AUG1984</p> <p><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> :</p> <p><u>Last Amendment</u> : SCHSB*,1986-90,,,1987 <u>Effective Date</u> : 1JAN1986</p> <p><u>Entry / Update</u> : NOV1987</p>
RUS	REG	AIR	OCC	PSL	<p>0.2 MG/M3 (VAPOUR + AEROSOL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : OBUVR*,4613-88,,,1988 <u>Effective Date</u> : 00APR1988</p> <p><u>Entry / Update</u> : MAY1990</p>
RUS	REG	FEED	-	MRL	<p>1.0 MG/KG (POULTRY); 2.0 MG/KG (CATTLE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : SCHSB*,SUPL-4,,,1982 <u>Effective Date</u> : APR1981</p> <p><u>Entry / Update</u> : OCT1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.05 MG/M3 (AEROSOL) HAZ. CLASS: I</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : PDKAD*,5147-89,,,1989 <u>Effective Date</u> : NOV1989</p> <p><u>Entry / Update</u> : MAY1990</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTSLIMITS FOR SPECIFIED FOOD PRODUCTS: 0.01-0.5 MG/KG; ADI = 0.08 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>

Common Name : **Diquat Dibromide**RTECS Number : **JM5690000**CAS Number : **85-00-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS DEFOLIANT FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <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>
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</p> <p><u>Last Amendment</u> _____ :</p> <p><u>Effective Date</u> : **APR1992</p> <p><u>Entry / Update</u> : JAN1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.1 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</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,,1989</p> <p><u>Effective Date</u> : 01JAN1990</p> <p><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 = 100-45% (LIQUID).</p> <p><u>Title</u> _____ :</p> <p><u>Reference</u> _____ :</p> <p><u>Last Amendment</u> : UNTDG*,,,162,1989</p> <p><u>Effective Date</u> _____ :</p> <p><u>Entry / Update</u> : MAY1986</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 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.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> _____ : ACGIH*,,,11,1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991</p> <p><u>Effective Date</u> : 1989</p> <p><u>Entry / Update</u> : DEC1991</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</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991</p> <p><u>Effective Date</u> : 1986</p> <p><u>Entry / Update</u> : SEP1991</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</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989</p> <p><u>Effective Date</u> : MAY221989</p> <p><u>Entry / Update</u> : OCT1991</p>

Common Name : **Diquat Dibromide**RTECS Number : **JM5690000**CAS Number : **85-00-7**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, DIQUAT DIBROMIDE, 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	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 : Diquat Dichloride**RTECS Number :** JM5750000**CAS Number :** 4032-26-2

Area Type Subject Spec. Description Level / Summary Information :

EEC REG FOOD PESTI MRL

PLANT (GENERAL): 0.05 MG/KG; VEGETABLES: 0.1 MG/KG (EXPRESSED AS DIQUAT ION).

Title : 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).**Reference :** OJEC**,L340,,34,1976**Effective Date :** 01JUL1984**Last Amendment :** OJEC**,L66,,36,1989**Entry / Update :** DEC1982

Common Name : Disodium Arsenate

RTECS Number : CG0875000

CAS Number : 7778-43-0

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>
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>

Common Name : Disodium Arsenate Heptahydrate**RTECS Number :** CG0900000**CAS Number :** 10048-95-0

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	MANUF	INDST	RQR	Description	Level / Summary Information
		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>Effective Date</u> : 28SEP1988
					<u>Last Amendment</u> : OJEC**L336,,14,1988	<u>Entry / Update</u> : SEP1987

Common Name : Disulfiram

RTECS Number : JO1225000

CAS Number : 97-77-8

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* 24170,1,1,1979 <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: 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 ITS PUBLICATION 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
CSK	REG	FOOD GOODS	-	PRMT MXL	COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. NO RESIDUES ARE ALLOWED IN WATER EXTRACT OF THE FINAL PRODUCTS. <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
DEU	REC	AIR	OCC	MAK	8H-TWA: 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: 20 MG/M3; AVERAGE VALUE; 1X/SHIFT. REACTION OF DISULFIRAM WITH NITROSATING AGENTS CAN RESULT IN THE FORMATION OF CARCINOGENIC N-NITROSODIETHYLAMINE. <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
MEX	REG	AIR	OCC	MXL	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 OR 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	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3 (AEROSOL) HAZ. CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : NOV1989 <u>Last Amendment</u> : PDKAD* 5149-89,,,1989 <u>Entry / Update</u> : MAY1990
RUS	REG	AIR	AMBI	MAC	0.03 MG/M3 1V/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	AIR	AMBI	PSL	0.01 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

Common Name : **Disulfiram**RTECS Number : **JO1225000**CAS Number : **97-77-8**Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 2 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	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 : Disulfoton

RTECS Number : TD9275000

CAS Number : 298-04-4

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 <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	0-2.0 MG/KG (CALCULATED AS DEMETON). <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	0.75-12.0 MG/KG (CALCULATED AS DEMETON). <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 USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-0.5 MG/KG; SECURITY INTERVAL: 90 DAYS (DIFFERENT FOR OTHER USES); 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
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 DISULFOTON MIXTURE (LIQUID OR DRY)) <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 = 0.2-0.5 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 STANDARDSOFCOMPOSITION, 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> : 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, RESTRICTED USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: GRANULAR; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE DIS. 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 : Disulfoton

RTECS Number : TD9275000

CAS Number : 298-04-4

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	AIR	OCC	TLV	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". <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
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	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	SPECIFIED PLANT PRODUCTS: 0.1 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF DISULFOTON, DISULFOTON-SULFOXIDE, DISULFOTON-SULFONE, DEMETON, DEMETON-O, DEMETON-S, DEMETON-SULFOXIDE, DEMETON-SULFONE, CALCULATED AS DISULFOTON. <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	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 : **Disulfoton**RTECS Number : **TD9275000**CAS Number : **298-04-4**

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); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 38/37); 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 PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN DISULFOTON 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>
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.002 MG/KG BW; MRL: ALFALFA (HAY), CLOVER (HAY): 10 MG/KG; FORAGE CROPS (GREEN): 5 MG/KG; CELERY, MAIZE, POTATOES, RICE (IN HUSK), SUGAR BEETS (ROOTS), VEGETABLES: 0.5 MG/KG; CEREAL GRAINS (EXCEPT RICE AND MAIZE): 0.2 MG/KG; COFFEE BEANS, PEANUTS (KERNELS), PECANS, PINEAPPLES, SOYA BEANS (DRY): 0.1 MG/KG (DETERMINED AS SUM OF DISULFOTON, DEMETON-S AND THEIR SULPHOXIDES AND SULPHONES, EXPRESSED AS DISULFOTON)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,74-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.1 PPM. STEL (10 MIN-TWA): 0.3 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	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>

Common Name : Disulfoton

RTECS Number : TD9275000

CAS Number : 298-04-4

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> FEB '986
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 FOR AERIAL APPLICATION. SPECIFIED USES 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	USE	PESTI	RQR	FULL PROTECTIVE CLOTHING MUST BE WORN. A RESPIRATOR IS REQUIRED 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
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	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>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: 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% (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 : Disulfoton

RTECS Number : TD9275000

CAS Number : 298-04-4

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 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: 0.1-0.75 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 OR 0.3 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	USE	AGRIC	PRO	<p>NOT APPROVED 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*,,, <u>Entry / Update</u> : AUG1988</p>
UN	REC	TRNSP LABEL PACK	-	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% (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/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 : **Disulfoton**RTECS Number : **TD9275000**CAS Number : **298-04-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, DISULFOTON, 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.</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>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 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 EMULSIFIABLE CONCENTRATES OF DISULFOTON OF 65% AND GREATER ARE RESTRICTED FOR ALL USES. ALL EMULSIFIABLE CONCENTRATES AND CONCENTRATE SOLUTIONS OF DISULFOTON OF 21% AND GREATER IN COMBINATION WITH FENSULFOTHION OF 43% AND GREATER ARE RESTRICTED FOR ALL USES. ALL EMULSIFIABLE CONCENTRATES OF DISULFOTON OF 32% AND GREATER IN COMBINATION WITH FENSULFOTHION OF 32% AND GREATER ARE RESTRICTED FOR ALL USES. ALL NON-AQUEOUS SOLUTIONS OF DISULFOTON OF 95% AND GREATER ARE RESTRICTED FOR COMMERCIAL SEED TREATMENT. ALL GRANULAR FORMULATIONS OF DISULFOTON OF 10% AND GREATER ARE RESTRICTED FOR INDOOR (GREENHOUSE) 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.</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	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>

Common Name : Disulfoton

RTECS Number : TD9275000

CAS Number : 298-04-4

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 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	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	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>

Common Name : Dithianon

RTECS Number : QL0700000

CAS Number : 3347-22-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-0.2 MG/KG; SECURITY INTERVAL: 21-45 DAYS; PROVISIONAL TOXICITY CLASS: II,III (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*,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
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	SPECIFIED PLANT PRODUCTS: 3.0 - 100.0 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,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	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. <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	CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); AVOID CONTACT WITH SKIN (S 24). <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
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
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

Common Name : **Dithianon**RTECS Number : **QL0700000**CAS Number : **3347-22-6**Area Type Subject Spec. Description Level / Summary Information :

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. KEMIKALIINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference</u> : PFBEX*,,,1991</p> <p><u>Last Amendment</u> :</p> <p><u>Effective Date</u> : **APR1992</p> <p><u>Entry / Update</u> : JAN1992</p>

Common Name : Diuron

RTECS Number : YS8925000

CAS Number : 330-54-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
ARG	REG	FEED	-	MXL	2 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	FOOD	-	MXL	MEAT AND PRODUCTS OF SHEEP 1.0-7.0 MG/KG; ANIMAL FAT 1.0 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 USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS; 0.02-2 MG/KG; SECURITY INTERVAL: 30-180 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*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REC	AQ	DRINK	GL MAC	MAC: 0.15 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	AIR	OCC	TLV	TWA: 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> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, RESTRICTED, DOMESTIC USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR; IMPREGNATED FABRIC; SOLUBLE GRANULES; SUSPENSION; WETTABLE POWDER). CODE DUR. 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 : Diuron

RTECS Number : YS8925000

CAS Number : 330-54-1

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 PHENYL UREA 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 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 1-7 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
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	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	SPECIFIED PLANT PRODUCTS: 0.1 - 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DIURON, LINURON, AND NEBURON TOGETHER WITH DEGRADATION AND REACTION PRODUCTS CONTAINING STILL THE 3,4-DICHLOROANILINE GROUP; CALCULATED AS 3,4-DICHLOROANILINE. <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	CLASS LABEL PACK	-	CLASS RQR	CLASS: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: XI - IRRITANT; IRRITATING TO EYES, REPIRATORY SYSTEM AND SKIN (R 36/37/38); 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 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 : Diuron

RTECS Number : YS8925000

CAS Number : 330-54-1

Area Type Subject Spec. Description Level / Summary Information :

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>Last Amendment</u> :	<u>Effective Date</u> : <u>Entry / Update</u> : 1983
GBR	REG	AIR	OCC	OES	8H-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>Last Amendment</u> : GNHSE*,EH40,,11,1992	<u>Effective Date</u> : 01JAN1992 <u>Entry / Update</u> : 1992
GBR	REG	USE	PESTI	PRMT	APPROVED FOR APPLICATION BY 'ULV' MACHINES (APPLIES TO DIURON WITH AMINOTRIAZOLE AND ATRAZINE). SPECIFIC USES 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
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>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. <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, PERSISTENT. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : OSUMH*,123-9/317-23,,08MAY,1987	<u>Effective Date</u> : 01JAN1988 <u>Entry / Update</u> : AUG1988
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS; ADI = 0.03 MG/KG BW (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	SOIL	-	PSL	0.6 MG/KG <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ODKPP*,2402-81,,,1981	<u>Effective Date</u> : JUN1981 <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>Last Amendment</u> : SCHSB*,1986-90,,,1987	<u>Effective Date</u> : 1JAN1986 <u>Entry / Update</u> : NOV1987
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS;ADI = 0.03 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	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 1.5 UG/L <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : PDKTV*,,,1978	<u>Effective Date</u> : <u>Entry / Update</u> : JUN1982

Common Name : Diuron

RTECS Number : YS8925000

CAS Number : 330-54-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	AIR	AMBI	MAC	0.05 MG/M3, 1X/D; 0.05 MG/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
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. KEMIKALIINSPEKTIONENS 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) 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	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	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
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, DIURON, 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>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : **DNOC**RTECS Number : **GO9625000**CAS Number : **534-52-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.2 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	-	AL	<p>ALL 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	AIR	OCC	TLV	<p>TWA: 0.2 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>
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	REC	AIR	OCC	MAK	<p>8H-TWA: 0.2 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.4 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION.</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>

Common Name : **DNOC**
 RTECS Number : **G09625000**

CAS Number : **534-52-1**

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	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 INCIDENCE 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><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	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>					
DEU	REG	FOOD	PESTI	MRL	ALL 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,,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	CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33); KEEP LOCKED UP (S 1); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); 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).
<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 DNOC 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>					

Common Name : DNOC

RTECS Number : GO9625000

CAS Number : 534-52-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
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. (APPLIES TO DINITROCRESOLS AND THEIR COMPOUNDS WITH A METAL OR A BASE) <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	SALE		RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY. (APPLIES TO DINITROCRESOLS AND THEIR COMPOUNDS WITH A METAL OR A BASE) (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	USE	PESTI	RQR	FULL PROTECTIVE CLOTHING MUST BE WORN.A RESPIRATOR IS REQUIRED 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	AIR	OCC	OES	8H-TWA: 0.2 MG/M3 - 10 MIN- STEL: 0.6 MG/M3 - 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	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. (APPLIES TO DINITROCRESOLS (DNOC); THEIR COMPOUNDS WITH A METAL OR A BASE; EXCEPT WINTER WASHES CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT. OF DINITROCRESOLS) (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	USE	PESTI	PRMT	APPROVED AS A CONTACT 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	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. IN RED. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN.(APPLIES TO DINITROCRESOLS AND THEIR COMPOUNDS WITH A METAL OR A BASE;EXCEPT WINTER WASHES CONTAINING NOT MORE THAN THE EQUIVALENT OF FIVE PER CENT OF DINITROCRESOLS (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: 0.2 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->50%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 50-12% (SOLID) OR 50-5% (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 : DNOC

RTECS Number : GO9625000

CAS Number : 534-52-1

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 DINITRO-O-CRESOL)</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 0.2 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.</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 ADI	<p>PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.ADI = 0.003 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 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	AIR	AMBI	PSL	<p>0.002 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>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>
RUS	REG	USE	AGRIC	RSTR	<p>SEVERELY RESTRICTED FOR USE AS A PESTICIDE: HERBICIDAL USE PROHIBITED REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC, HIGHLY CUMULATIVE, WITH EMBRYO TOXIC AND GONADOTOXIC PROPERTIES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Entry / Update :</u> AUG1988</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>

Common Name : DNOC

RTECS Number : GO9625000

CAS Number : 534-52-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FEED	-	PRO	0.0 MG/KG (SUBSTANCE IS NOT ALLOWED IN ANY FEEDSTUFF). <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	AIR	OCC	MAC CLASS	CLV: 0.05 MG/M3 (VAPOUR + AEROSOL) (APPLIES TO ALL ISOMERS OF DINITRO O-CRESOL) 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
SWE	REG	USE	PESTI	PRO	SUSPENDED BECAUSE OF ITS HIGH ACUTE TOXICITY. <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> NPPBD*,,,1966 <u>Last Amendment :</u> SVENF*,1985:426,,4,1985 <u>Effective Date :</u> 31DEC1966 <u>Entry / Update :</u> OCT1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->50%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 50-12% (SOLID) OR 50-5% (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	5 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,98,1990 <u>Last Amendment :</u> XPHPAW,90,117,98,1990 <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	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>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <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

Common Name : DNOC

RTECS Number : GO9625000

CAS Number : 534-52-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 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> FEREC,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>ACUTE HAZARDOUS WASTES (H). 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 SALTS.</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>
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	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>ACUTE HAZARDOUS WASTES (H). 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).</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 : DNOC

RTECS Number : GO9625000

CAS Number : 534-52-1

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 4,6 DINITRO-O-CRESOL 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 : **Dodecylbenzene**RTECS Number : **CZ9540000**CAS Number : **123-01-3**Area Type Subject Spec. Description Level / Summary Information :

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
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. (APPLIES TO ALL ISOMERS). <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
RUS	REG	AIR	AMBI	PSL	0.01 MG/M3 1X/D (APPLIES TO ALKYL BENZENES WITH C11-C14 ALKYL) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> DEC1983 <u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Entry / Update :</u> SEP1985

Common Name : **Dodine**RTECS Number : **MF175000**CAS Number : **2439-10-3****Area Type Subject Spec. Description Level / Summary Information :**

BRA REG FOOD - AL
 USE AGRIC PRMT
 USE CONSM PRO
 CLASS CLASS

SPECIFIED PLANT PRODUCTS; 5 MG/KG; SECURITY INTERVAL: 7-14 DAYS; PROVISIONAL TOXICITY CLASS: III (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 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.

Title :

Reference : CAGAAK,124,11,1988,1990

Effective Date : 27APR1978

Last Amendment :

Entry / Update : MAY1991

CAN REG PACK LABEL USE AGRIC PESTI CLASS

FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS SLIMICIDE; FUNGICIDE. (FORMULATION: WETTABLE POWDER; SOLUTION). CODE DOD. 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

POMACEOUS FRUIT, STONE-FRUIT: 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.2 MG/KG.

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

Reference : BGZBAD,,1,1861,1989

Effective Date : 22MCH1990

Last Amendment : BGZBAD,,1,481,1990

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.

Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)

Reference : BGZBAD,,1,1931,1991

Effective Date : 15JUN1991

Last Amendment :

Entry / Update : APR1992

EEC REG CLASS LABEL PACK - CLASS RQR RQR

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).

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

Reference : OJEC**,196,,1,1967

Effective Date : 1JUL1992

Last Amendment : OJEC**,L 180,,79,1991

Entry / Update : APR1992

Common Name : **Dodine**RTECS Number : **MF1750000**CAS Number : **2439-10-3**

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 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>SPECIFIED FRUIT: 1.0 MG/KG; OTHER PRODUCTS: 0.2 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> : 01JAN1989</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.01 MG/KG BW; MRL: APPLES, GRAPES, PEACHES, PEARS, STRAWBERRIES: 5 MG/KG; CHERRIES: 2 MG/KG (EXPRESSED AS DODINE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,84-IV,1986 <u>Entry / Update</u> : APR1991</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>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.2-10.0 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	AIR	OCC	MAC CLASS	<p>CLV : 0.1 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>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 2.0 MG/KG (PRELIMINARY)</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, DODINE, 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 : **Dodine**RTECS Number : **MF1750000**CAS Number : **2439-10-3**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>FOR USE ONLY AS AN ANTIMICROBIAL AGENT IN PAPER AND PAPERBOARD FOR CONTACT ONLY WITH NONALCOHOLIC FOOD HAVING A PH ABOVE 5 AND PROVIDED IT IS USED AT A LEVEL NOT TO EXCEED 0.4 PERCENT BY WEIGHT OF THE PAPER AND PAPERBOARD; ALSO FOR USE IN THE OUTER PLY OF MULTIWALL PAPER BAGS FOR CONTACT WITH DRY FOOD OF TYPE VII 21 CFR 176.170(C) 1988 TABLE 1 AND PROVIDED IT IS USED AT A LEVEL OF 0.8 PERCENT BY WEIGHT OF THE PAPER. 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 : Drazoxolon

RTECS Number : NY2800000

CAS Number : 5707-69-7

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 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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IF SWALLOWED (R 25). LABEL: T - TOXIC; TOXIC IF SWALLOWED (R 25); DO NOT BREATHE DUST (S 22); AVOID CONTACT WITH SKIN (S 24); 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>
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	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. (APPLIES TO DRAZOXOLON AND ITS SALTS) (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	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	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. (APPLIES TO DRAZOXOLON AND ITS SALTS)</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>THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY. (APPLIES TO DRAZOXOLON AND ITS SALTS) (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 : **Drazoxolon**RTECS Number : **NY2800000**CAS Number : **5707-69-7**Area Type Subject Spec. Description Level / Summary Information :

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. (APPLIES TO DRAZOXOLON AND ITS SALTS) (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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AJ = 100-63% (SOLID) OR 100-25% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Effective Date :</u> <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 AJ = 100-63% (SOLID) OR 100-25% (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 : **Edifenphos**RTECS Number : **TE3850000**CAS Number : **17109-49-8****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 PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-5 MG/KG; SECURITY INTERVAL: 14 DAYS; PROVISIONAL TOXICITY CLASS: II, 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*,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.003 MG/KG BW; MRL: RICE BRAN: 1 MG/KG; RICE (HULLED): 0.1 MG/KG; CATTLE MEAT BY-PRODUCTS, CARCASE MEAT OF CATTLE, POULTRY BY-PRODUCTS, POULTRY MEAT, RICE (POLISHED): 0.02 MG/KG; EGGS, MILK: 0.01 MG/KG (EXPRESSED AS EDIFENPHOS) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,99-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 100-75% A.I. (SOLID) OR 100-30% A.I. (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 100-75% A.I. (SOLID) OR 100-30% A.I. (LIQUID) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> APR1986

Common Name : Endosulfan

RTECS Number : RB9275000

CAS Number : 115-29-7

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>
ARG	REG	USE	-	PRO	<p>PROHIBITED FOR USE AS EXTERNAL PARASITICIDE IN CATTLE AND SWINE.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1MAY*1968</p> <p><u>Last Amendment :</u> ARESA*,361,,1968 <u>Entry / Update :</u> 1982</p>
ARG	REG	FOOD	-	MXL	<p>PLANTS: 0.5-2 MG/KG; MEAT AND MILK: 0 MG/KG.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 27MCH1969</p> <p><u>Last Amendment :</u> ALEYP*,18073,,1969 <u>Entry / Update :</u> 1982</p>
ARG	REG	USE	-	PRO	<p>PROHIBITED FOR USE AS ANTIWEEVIL AGENT ON SEEDS AND SEED PRODUCTS INTENDED FOR HUMAN AND ANIMAL CONSUMPTION.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JUN1972</p> <p><u>Last Amendment :</u> ADISS*,47,,1972 <u>Entry / Update :</u> 1982</p>
BRA	REG	FOOD FEED USE USE CLASS	- - - - -	AL AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.01-2 MG/KG. SPECIFIED PLANT PRODUCTS: 0.3-1 MG/KG (THE LIMITS INCLUDE ENDOSULFAN B AND ENDOSULFAN SULPHATE)SECURITY INTERVAL: 1-70 DAYS; PROVISIONAL TOXICITY CLASS: I,II,III (DEPENDING ON FORMULATION) (I = MOST TOXIC, IV = LEASTTOXIC); 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	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> MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>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 ENDOSULFAN 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 : **Endosulfan**RTECS Number : **RB9275000**CAS Number : **115-29-7**

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 ACARICIDE; PESTICIDE. (FORMULATIONS; DUST OR POWDER; EMULSIFIABLE CONCENTRATE OR EMULSION; WETTABLE POWDER). CODE ESF. 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	FOOD SALE IMPRT LABEL PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.5-2.0 PPM; SPECIFIED ANIMAL PRODUCTS : 0.1 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 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 1, 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,124,11,1988,1990 <u>Effective Date :</u> 13SEP1979</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>
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 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>
DEU	REG	FOOD	PESTI	MRL	<p>MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN, MILK, MILK PRODUCTS: 0.1 MG/KG LIPID WEIGHT. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG WET WEIGHT. APPLIES TO THE SUM OF ENDOSULFAN AND ENDOSULFAN SULFATE, CALCULATED AS ENDOSULFAN.</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 : Endosulfan

RTECS Number : RB9275000

CAS Number : 115-29-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 - 30.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF ENDOSULFAN AND ENDOSULFAN SULFATE, CALCULATED AS ENDOSULFAN.</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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); IRRITATING TO EYES (R 36); 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	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.1 MG/KG; MAIZE: 0.2 MG/KG (SUM OF ALPHA- AND BETA-ISOMERS AND OF ENDOSULFAN SULFATE, EXPRESSED AS ENDOSULFAN)</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 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 THEREQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206,13,1978 AS LAST AMENDED BY THE REFERENCE GIVEN).</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): 1 MG/KG; ROOT VEGETABLES: 0.2 MG/KG (THE LIMITS ARE CALCULATED AS THE SUM OF ALPHA-AND BETA-ENDOSULFAN AND ENDOSULFAN- SULFATE).</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	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF ENDOSULFAN (SUM OF ALPHA- AND BETA- ISOMERS AND OF ENDOSULFAN SULPHATE, EXPRESSED AS ENDOSULFAN) FOR ALL FEEDINGSTUFFS: 0,1 MG/KG EXCEPT IN CERTAIN SPECIFIED FEEDINGSTUFFS: 0,005 TO 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>

Common Name : Endosulfan

RTECS Number : RB9275000

CAS Number : 115-29-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD	-	ADI MRL	ADI(TEMPORARY): 0.008 MG/KG BW; MRL (TEMPORARY): TEA (DRY MANUFACTURED): 30 MG/KG; FRUIT, VEGETABLES (EXCEPT CARROTS, POTATOES, SWEET POTATOES, ONIONS): 2 MG/KG; COTTONSEED: 1 MG/KG; COTTONSEED OIL (CRUDE): 0.5 MG/KG; CARROTS, ONIONS (BULB), POTATOES, SWEET POTATOES: 0.2 MG/KG; RICE (IN HUSK): 0.1 MG/KG (EXPRESSED AS SUM OF ALPHA- AND BETA-ENDOSULFAN AND ENDOSULFAN SULFATE) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIII,,32-IV,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991
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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> 1983
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	ENDOSULFAN 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. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBRSI*,472,,22,1991 <u>Last Amendment :</u> <u>Effective Date :</u> 01APR1991 <u>Entry / Update :</u> 1992
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1-2.0 MG/KG (AS THE SUM OF ALPHA AND BETA ISOMERS AND OF ENDOSULFAN SULPHATE, EXPRESSED AS ENDOSULFAN). 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
GBR	REG	FEED SALE USE	PESTI PESTI PESTI	MRL RSTR RSTR	THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.005-0.5 MG/KG (SUM OF ALPHA AND BETA ISOMERS AND ENDOSULPHAN SULPHATE, EXPRESSED AS ENDOSULPHAN) 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>Last Amendment :</u> <u>Effective Date :</u> 22JAN1992 <u>Entry / Update :</u> 1992
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR	CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN ENDOSULFAN 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 ENDOSULFAN IN CONCENTRATIONS GREATER THAN THE BACK-GROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC). <u>Title :</u> THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989 <u>Reference :</u> GBRSI*,1156,,2,1989 <u>Last Amendment :</u> GBRSI*,1629,,1990 <u>Effective Date :</u> 01SEP1989 <u>Entry / Update :</u> 1992
GBR	REG	USE	PESTI	RQR	FULL PROTECTIVE CLOTHING MUST BE WORN. A RESPIRATOR IS REQUIRED 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
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

Common Name : Endosulfan

RTECS Number : RB9275000

CAS Number : 115-29-7

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	SALE		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OFFART 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	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>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Effective Date :</u> 01JAN1992 <u>Entry / Update :</u> 1992
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	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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->80%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 80-20% (SOLID) OR 80-8% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,6222,1990 <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. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,1,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.1-30.0 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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982

Common Name : Endosulfan

RTECS Number : RB9275000

CAS Number : 115-29-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AQ	AMBI	MPC	0.002 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	0.2UG/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 0.1 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 EXPR IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.1-1.0 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	RSTR	SEVERLY RESTRICTED FOR USE AS A PESTICIDE: REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC. IMMEDIATELY ABSORBED THROUGH THE SKIN. CASES OF HUMAN POISONING RECORDED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,123-9/29-23,,25APR,1984 <u>Entry / Update :</u> AUG1988
RUS	REG	AIR	AMBI	MAC	0.017 MG/M3 1X/D; 0.0017 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	RSTR	PROHIBITED FOR USE ON VEGETABLES AND FRUITS INCLUDING PEAS, BEANS AND POTATOES. EXTENSION OF USE PROHIBITED. REASONS FOR THE CONTROL ACTION: PERSISTENT. CONTAMINATES CROPS. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,123-5/699-23,,9NOV,1984 <u>Entry / Update :</u> AUG1988
RUS	REG	SOIL	-	PSL	0.1 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1981 <u>Last Amendment :</u> ODKPP*,2402-81,,1981 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1 MG/KG; (APPLIES TO SUM OF ISOMERS AND METABOLITES); ADI = 0.002 MG/KG (CALCULATED VALUE) <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 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

Common Name : **Endosulfan**RTECS Number : **RB9275000**CAS Number : **115-29-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.1 MG/M3 (VAPOUR + 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
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: 0.2-0.5 MG/KG (INCL. ENDOSULFAN AND ITS SULFATE) <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- >80%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 80-20% (SOLID) OR 80-8% (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) 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. <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 PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 POUND/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE STOWED IN A RECOVERABLE LOCATION IF 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>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991

Common Name : Endosulfan

RTECS Number : RB9275000

CAS Number : 115-29-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	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. (APPLIES ALSO TO ITS MIXED ISOMERS) <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, ENDOSULFAN, 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. <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. (APPLIES ALSO TO ITS MIXED ISOMERS) <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 (APPLIES ALSO TO ITS MIXED ISOMERS) <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 : Endosulfan

RTECS Number : RB9275000

CAS Number : 115-29-7

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	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).

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

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 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
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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	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.
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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

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.
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Title : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)

Reference : XCODE*,33,,1314,1990 Effective Date : 1981

Last Amendment : XCODE*,33,,1314,1990 Entry / Update : NOV1991

Common Name : Endothal

RTECS Number : RN7875000

CAS Number : 145-73-3

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	FOOD	PESTI	MRL	<p>HOP: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF ENDOTHAL AND ITS SALTS, CALCULATED AS ENDOTHAL.</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: T - TOXIC; TOXIC IF SWALLOWED (R 25). XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN (R 21). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: T- TOXIC; HARMFUL IN CONTACT WITH SKIN (R 21); TOXIC IF SWALLOWED (R 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); 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	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. (APPLIES TO ENDOTHAL AND ITS SALTS) (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. (APPLIES TO ENDOTHAL AND ITS SALTS) (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. (APPLIES TO ENDOTHAL AND ITS SALTS) (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. (APPLIES TO ENDOTHAL AND ITS SALTS)</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>
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>

Common Name : Endothal

RTECS Number : RN7875000

CAS Number : 145-73-3

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 ENDOTHALL, 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>
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>
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	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>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>

Common Name : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	SH-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*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.02-1 MG/KG; SECURITY INTERVAL: 30-45 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
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE END. 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	AIR	OCC	TLV	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". <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 = 0.02 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 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> 13SEP1979 <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 (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 ENDRIN 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

Common Name : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.1 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: 1.0 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION.</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	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	GOODS	PESTI	MRL	<p>TOBACCO: 0.3 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>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 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>

Common Name : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 0.05 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 0.02 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.1 MG/KG WET WEIGHT. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG WET WEIGHT. APPLIES TO THE SUM OF ENDRIN AND DELTA-KETOENDRIN, CALCULATED AS ENDRIN.</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 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	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF ENDRIN (SUM OF ENDRIN AND OF DELTA-KETO-ENDRIN, EXPRESSED AS ENDRIN) IN ALL FEEDINGSTUFFS: 0,01 MG/KG EXCEPT IN 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>
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> : 01JAN1991</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : NOV1987</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.01 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	FOOD	PESTI	MRL	<p>0,01-0,05 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,0008 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK.</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>ENDRIN 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 : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.01 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 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 (R 24); VERY TOXIC IF SWALLOWED (R 28); DO NOT BREATHE DUST (S 22); 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). <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	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN ENDRIN 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. <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
F/W	REC	FOOD FOOD FOOD	-	ADI MRL ERL	ADI: 0.0002 MG/KG BW; MRL: POULTRY (IN CARCASE FAT): 1 MG/KG; EGGS (SHELL-FREE BASIS): 0.2 MG/KG; COTTONSEED, COTTONSEED OIL (CRUDE): 0.1 MG/KG; APPLES, BARLEY, COTTONSEED OIL (EDIBLE), RICE (HUSKED OR POLISHED), SORGHUM, SWEET CORN, WHEAT: 0.02 MG/KG; ERL: MEAT (IN CARCASE FAT): 0.1 MG/KG; MILK: 0.0008 MG/KG (EXPRESSED AS SUM OF ENDRIN AND DELTA-KETO-ENDRIN) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,33-IV,1986 <u>Entry / Update</u> : APR1991
GBR	REC	USE	AGRIC PESTI	PRO	USE AS AN INSECTICIDE IN FOOD STORAGE PRACTICE WITHDRAWN; USE AS AN ACARICIDE IN AGRICULTURE AND HORTICULTURE WITHDRAWN. REASONS FOR THE CONTROL ACTION: BECAUSE OF ITS HIGH ACUTE TOXICITY TO MAN AND WILDLIFE AND ITS PERSISTENCE IN THE ENVIRONMENT (POTENTIAL TO ACCUMULATE IN BIRDS, FISH AND OTHER ANIMALS). <u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE. <u>Reference</u> : GBCPR*,1462,,1980 <u>Effective Date</u> : 01OCT1984 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985
GBR	REC	STORE	AGRIC PESTI	PRO	SHOULD NOT BE USED AS AN INSECTICIDE IN ANY FORMULATION IN FOOD STORAGE PRACTICE IN GREATBRITAIN. <u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE. <u>Reference</u> : GBCPR*,1462,,1980 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
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

Common Name : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN ENDRIN 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 ENDRIN 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	AQ	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.005UG/L FOR ENDRIN AND 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.0008-0.2 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,,1,1988 <u>Effective Date</u> : 02AUG1988</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: 0.02-2.0 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,,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>ENDRIN 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	AIR	OCC	OES	<p>8H-TWA: 0.1 MG/M3. STEL (10 MIN-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	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 : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 0.01-0.05 MG/KG (SUM OF ENDRIN AND DELTA KETO ENDRIN, EXPRESSED AS ENDRIN) 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	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	AQ	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.005UG/L AND 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE WHEN AI = 100->60%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 60->6%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 6-1% (SOLID) OR 6-0.5% (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 1 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>

Common Name : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS : ND <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: 0.02-1.0 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>Last Amendment :</u> <u>Effective Date :</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 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	REG	AQ	AMBI	MPC	0.002 MG/L 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
MEX	REG	AQ	AMBI	MPC	0.2 UG/L IN COASTAL WATERS <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
MEX	REG	AQ	AMBI	MPC	0.001 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>Last Amendment :</u> <u>Effective Date :</u> 27JUN1973 <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 0.1 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>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
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	USE	PESTI	PRO	SUSPENDED BECAUSE OF ITS HIGH ACUTE TOXICITY. <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> NPPBD*,,,1966 <u>Last Amendment :</u> SVENF*,1985:426,,4,1985 <u>Effective Date :</u> ** 1966 <u>Entry / Update :</u> FEB1992

Common Name : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	FOOD	PESTI	MTC	ANIMAL PRODUCTS: 0.002-0.1 MG/KG (INCL. DELTA KETOENDRIN) <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	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.01-0.02 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: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->60%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 60->6%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 6-1% (SOLID) OR 6-0.5% (LIQUID). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Entry / Update</u> : MAY1986
USA	REC	AIR	OCC	TLV	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. <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	200 MG/M3 <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,102,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,102,1990 <u>Entry / Update</u> : OCT1991
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 POUND/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED IN A RECOVERABLE LOCATION IF BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. LIQUID: 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 GA LLONS/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 FOOD ADDIT AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME ENDRIN 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 : Endrin

RTECS Number : IO1575000

CAS Number : 72-20-8

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 0.0002 MG/L THIS SUBSTANCE MUST NOT EXCEED 0.0002 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	CONSM	MPC	<p>0.0002 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	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>
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 AQ AQ	- - GRND	MPC MPC MPC	<p>0.02 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>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). (APPLIES ALSO TO ITS METABOLITES)</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 : **Endrin**RTECS Number : **IO1575000**CAS Number : **72-20-8****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>ACUTE HAZARDOUS WASTES (H). 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 METABOLITES)</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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL EMULSIONS, DUSTS WETTABLE POWDERS, PASTES, AND GRANULAR FORMULATIONS OF ENDRIN IN CONCENTRATIONS OF 2 PERCENT AND ABOVE ARE RESTRICTED FOR ALL USES. ALL FORMULATIONS WITH ENDRIN IN CONCENTRATIONS OF LESS THAN 2% 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.</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	-	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	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	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	DRINK	MPC	<p>0.002 MG/L; FOR COMMUNITY WATER SYSTEMS 40 CFR 141.1. 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>

Common Name : **Epichlorohydrin**RTECS Number : **TX490000**CAS Number : **106-89-8**

Area	Type	Subject	Spec.	Description	Level / Summary information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 10 MG/M3 (2 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	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: 2 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2023. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 102, 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>
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 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>

Common Name : **Epichlorohydrin**RTECS Number : **TX4900000**CAS Number : **106-89-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	TWA: 1.0 MG/M3, CLV: 2.0 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 FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT) <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 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>Entry / Update</u> : DEC1991 <u>Last Amendment</u> :
DEU	REC	AIR	OCC	MAK	DANGER OF CUTANEOUS ABSORPTION. 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 ARBEITSSSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDF,XXVII,,17,1991 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1992 <u>Last Amendment</u> :
DEU	REC	AIR	OCC	TRK	8H-TWA: 3 ML/M3; 12 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.) <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>Entry / Update</u> : JAN1992 <u>Last Amendment</u> : BNDS6,,11,52,1991
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	AIR	EMI	MPC	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. <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 : **Epichlorohydrin**RTECS Number : **TX4900000**CAS Number : **106-89-8****Area Type Subject Spec. Description Level / Summary Information :**

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,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	CLASS: FLAMMABLE (R 10). CARC.CAT.2; MAY CAUSE CANCER (R 45). T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). C - CORROSIVE; CAUSES BURNS (R 34). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); FLAMMABLE (R 10); ALSO TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); CAUSES BURNS (R 34); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); 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; MAY CAUSE CANCER (R 45); ALSO TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); CAUSES BURNS (R 34); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 5% TO 10%: T - TOXIC; MAY CAUSE CANCER (R 45); ALSO TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); IRRITATING TO EYES AND SKIN (R 36/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 1% TO 5%: T - TOXIC; MAY CAUSE CANCER (R 45); ALSO TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 0.1% TO 1%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). <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
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
GBR	REG	AIR	OCC	OES	8H-TWA: 8 MG/M3 (2 PPM). STEL (10 MIN-TWA): 20 MG/M3 (5 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
GBR	REG	AIR	OCC	OES	8H-TWA: 8 MG/M3 (2 PPM) - 10 MIN- STEL: 20 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

Common Name : Epichlorohydrin

RTECS Number : TX490000

CAS Number : 106-89-8

Area	Type	Subject	Spec.	Description	Level / Summary Information
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 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	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2W <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.SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. UN NO. 2023 <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. <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	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS STARCH MODIFYING AGENT. THE 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,,404,1978 <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 (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	OCC	MAC CLASS	CLV : 1.0 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 : **Epichlorohydrin**RTECS Number : **TX4900000**CAS Number : **106-89-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	MAC	0.2 MG/M3 1X/D; 0.2 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
SWE	REG	AIR	OCC	HLV	1D-TWA: 1.9 MG/M3 (0.5 PPM). 15 MIN - STEL: 4 MG/M3 (1 PPM). SKIN ABSORPTION. 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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2023. <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	REG	AQ	DRINK	MPC	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. <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	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 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>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991

Common Name : **Epichlorohydrin**RTECS Number : **TX4900000**CAS Number : **106-89-8**

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	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 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	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	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>100 (45.4) 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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1,000 RQ=100; 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.</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 : **Epichlorohydrin**RTECS Number : **TX4900000**CAS Number : **106-89-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	MONIT	-	RQR	<p>; 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.</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	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	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>0.4 UG/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 : EPN

RTECS Number : TB1925000

CAS Number : 2104-64-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 0.5 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,,1,1979 <u>Effective Date</u> : 29MAY1991 <u>Last Amendment</u> : ARGOB* 27145,,1,4,1991 <u>Entry / Update</u> : OCT1991
ARG	REG	FOOD FEED	-	MRL MRL	FOODSTUFF: 0.3-7 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 27MCH1969 <u>Last Amendment</u> : ALEYP*,18073,,,1969 <u>Entry / Update</u> : MAY1985
BRA	REG	FOOD	-	AL	SPECIFIED PLANT PRODUCTS: 0.01-3 MG/KG; SECURITY INTERVAL: 7-90 DAYS. <u>Title</u> : CATALOGO DOS DEFENSIVOS AGRICOLAS <u>Reference</u> : CDABR*,2,,84,1980 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982
CAN	REG	AIR	OCC	TLV	TWA: 0.5 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". <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
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: 5.0 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. 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> : 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 - 3.0 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	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

Common Name : EPN

RTECS Number : TB1925000

CAS Number : 2104-64-5

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,,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 EPN 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: 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 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>
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 AI = 100->62%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 62->12.5%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 12.5-2.5% (SOLID OR 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 : EPN

RTECS Number : TB1925000

CAS Number : 2104-64-5

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 REPONSABILITIES 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 - 0.5 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>
JPN	REG	AQ	AMBI	MXL	<p>STANDARD VALUE (MAXIMUM VALUE): NOT DETECTABLE. (APPLIES TO ORGANIC PHOSPHOROUS COMPOUNDS: PARATHION, METHYL PARATHION, METHYL DEMETON, AND EPN)</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	DRINK	MXL	<p>CERTAIN ORGANIC PHOSPHOROUS COMPOUNDS (PARATHION, METHYL PARATHION, METHYL DEMETON AND EPN) SHOULD NOT BE DETECTABLE IN DRINKING WATER SUPPLIED BY WATER WORKS. THE DETECTION LIMIT IS 0.1 MG/L.</p> <p><u>Title :</u> THE WATER WORKS LAW</p> <p><u>Reference :</u> JPNWWW*,,,1957 <u>Effective Date :</u> 16JUL1958</p> <p><u>Last Amendment :</u> JPNWWW*,,,1979 <u>Entry / Update :</u> DEC1991</p>
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 1 MG/L OF ORGANIC PHOSPHOROUS COMPOUNDS (PARATHION, METHYL-PARATHION, METHYL-DEMETON AND EPN ONLY).</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>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.05-3.0 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	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 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>

Common Name : EPN

RTECS Number : TB1925000

CAS Number : 2104-64-5

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- > 62%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 62- > 12.5%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 12.5-2.5% (SOLID OR 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) 0.5 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	REC	SAFTY USE	OCC OCC	MXL MXL	50 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,102,1990 <u>Last Amendment :</u> XPHPAW,90,117,102,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
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
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	ALL LIQUID AND DRY FORMULATIONS OF EPN IN CONCENTRATIONS GREATER THAN 4 PERCENT ARE RESTRICTED FOR ALL USES. ALL LIQUID AND DRY FORMULATIONS OF EPN IN CONCENTRATIONS GREATER THAN 4 PERCENT ARE RESTRICTED FOR AQUATIC 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	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, EPN, 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 : **Eptam**RTECS Number : **FA4550000**CAS Number : **759-94-4****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 MG/KG; SECURITY INTERVAL: NOT SPECIFIED; 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 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 DOMESTIC USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR). CODE EPT. 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. <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	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	BERRY FRUIT, POTATOES, 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
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 GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY MANUFACTURER (S 23). <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 : Eptam

RTECS Number : FA4550000

CAS Number : 759-94-4

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 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>
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	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	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	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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS : 0.05 MG/KG ; ADI = 0.01 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	SOIL	-	MAC	<p>0.9 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	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 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>

Common Name : Eptam

RTECS Number : FA4550000

CAS Number : 759-94-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS - MANUF	RQR PRMT	REGISTRATION STANDARD, EPTC, 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 : Erbon

RTECS Number : UF1400000

CAS Number : 136-25-4

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	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 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
EEC	REG	CLASS PACK 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% 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.
					<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
RUS	REG	AQ	SURF	MAC CLASS	2.5 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

Common Name : **Ethephon**RTECS Number : **SZ7100000**CAS Number : **16672-87-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-3 MG/KG; SECURITY INTERVAL: 21-70 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 = 0.5-20 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> : 14JAN1988 <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 PLANT GROWTH REGULATOR. (FORMULATION: SOLUTION), CODE ETC. 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	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 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: 0.5 - 5.0 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,,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 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

Common Name : **Ethephon**RTECS Number : **SZ7100000**CAS Number : **16672-87-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PLANT GROWTH REGULATOR. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.</p> <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>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.5 MG/KG; ADI = 0.006 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,,1983</p> <p><u>Effective Date :</u> JUN1983</p> <p><u>Entry / Update :</u> OCT1985</p>
RUS	REG	USE	AGRIC	RSTR	<p>SEVERELY RESTRICTED FOR USE AS A PESTICIDE. PROHIBITED FOR USE ON WATER-MELON WHEN RIPE FOR SALE.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> OSUMH*,123-9/416-23,,7MAY,1985</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> AUG1988</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>4.0 MG/L HAZARD CLASS: II 1.5 MG/L (APPLIES TO MONOESTERS OF 2-CHLOROETHYLPHOSPHONIC ACID) 0.2 MG/L (APPLIES TO DIESTERS OF 2-CHLOROETHYLPHOSPHONIC ACID) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988</p> <p><u>Effective Date :</u> 1JAN1989</p> <p><u>Entry / Update :</u> JUL1990</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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> **APR1992</p> <p><u>Entry / Update :</u> JAN1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, ETHEPHON, 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>Last Amendment :</u> FEREAC,54,34,7740,1989</p> <p><u>Effective Date :</u> 1988</p> <p><u>Entry / Update :</u> JAN1992</p>

Common Name : **Ethiofencarb**RTECS Number : **FC2628000**CAS Number : **29973-13-5**

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 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF ETHIOFENCARB, ETHIOFENCARB-SULFOXIDE AND ETHIOFENCARB-SULFONE, CALCULATED AS ETHIOFENCARB.</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	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>
FAW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.1 MG/KG BW; MRL: CHERRIES, LETTUCE: 10 MG/KG; APPLES, APRICOTS, ARTICHOKEs, CHINESE CABBAGE, PEACHES, PEARS, PLUMS, SUGAR BEET TOPS: 5 MG/KG; BRASSICAS (EXCEPT CHINESE CABBAGE), CURRANTS (BLACK, RED), EGGPLANTS, WHEAT STRAW: 2 MG/KG; CUCUMBERS: 1 MG/KG; POTATOES, RADISHES: 0.5 MG/KG; BEANS (WITHOUT POD), SOYBEANS (WITHOUT POD): 0.2 MG/KG; FODDER BEETS, SUGAR BEETS: 0.1 MG/KG; BARLEY, OATS, RYE, WHEAT: 0.05 MG/KG; CARCASE MEAT OF CATTLE AND PIGS, EGGS (SHELL-FREE BASIS), MILK, POULTRY MEAT: 0.02 MG/KG (DETERMINED AS SUM OF ETHIOFENCARB, ITS SULFOXIDE AND SULPHONE, EXPRESSED AS ETHIOFENCARB)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,107-IV,1986 <u>Entry / Update</u> : APR1991</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>
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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.2 MG/KG; ADI = 0.1 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>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.5-5.0 MG/KG (INCL. ETHIOFENCARB, 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 : **Ethiofencarb**RTECS Number : **FC2628000**CAS Number : **29973-13-5**

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</p> <p><u>Last Amendment</u> :</p> <p><u>Effective Date</u> : **APR1992</p> <p><u>Entry / Update</u> : JAN1992</p>

Common Name : **Ethion**RTECS Number : **TE4550000**CAS Number : **563-12-2****Area Type Subject Spec. Description Level / Summary Information :**

ARG	REG	FOOD	-	MXL	APPLES AND PEARS: 1 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ARESA*,786,,1978	<u>Effective Date :</u> 17NOV1978 <u>Entry / Update :</u> 1982
ARG	REG	FOOD	-	MXL	PLANTS: 0.0-4.0 MG/KG; MEAT AND MILK: 0.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,1969	<u>Effective Date :</u> 27MAR1969 <u>Entry / Update :</u> 1982
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.4 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>Last Amendment :</u> ARGOB*,27145,I,4,1991	<u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
ARG	REG	FEED	-	MXL	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: 0.05-2 MG/KG; SECURITY INTERVAL: 7-60 DAYS; PROVISIONAL TOXICITY CLASS: II,III (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>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 = 0.5-2 PPM; SPECIFIED ANIMAL PRODUCTS, MRL = 2.5 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 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> 13SEP1979 <u>Entry / Update :</u> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE 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 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 ETHION MIXTURE) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,,1990 <u>Last Amendment :</u>	<u>Effective Date :</u> 06DEC1990 <u>Entry / Update :</u> OCT1991

Common Name : Ethion

RTECS Number : TE4550000

CAS Number : 563-12-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.4 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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; WETTABLE POWDER; GRANULAR). CODE ETH. 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	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 2.0-5.0 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	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE BEC (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>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 2.0 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 : **Ethion**RTECS Number : **TE4550000**CAS Number : **563-12-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>BEEF, BEEF PRODUCTS, BEEF FAT: 2.0 MG/KG LIPID WEIGHT. PORK, PORK PRODUCTS, PORK FAT, SHEEP, SHEEP PRODUCTS, SHEEP FAT, GOAT, GOAT PRODUCTS, GOAT FAT, POULTRY, POULTRY PRODUCTS, POULTRY FAT: 0.2 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 0.5 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.2 MG/KG WET WEIGHT. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG WET WEIGHT.</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>SPECIFIED PLANT PRODUCTS: 0.1 - 2 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> : 01JAN1989</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>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); AVOID CONTACT WITH EYES (S 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>
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>
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>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI(TEMPORARY): 0.0065 MG/KG BW; MRL (TEMPORARY): TEA (DRY MANUFACTURED): 5 MG/KG; CARCASS MEAT OF CATTLE (IN CARCASS FAT): 2.5 MG/KG; APPLES, BEANS, CITRUS FRUIT, GRAPES, MELONS, PEARS, PLUMS, STRAWBERRIES, TOMATOES: 2 MG/KG; CATTLE (EDIBLE OFFAL), EGGPLANTS, GARLIC, NECTARINES, ONIONS, PEACHES, PEPPERS, PIMENTOS: 1 MG/KG; COTTONSEED, CUCUMBERS, SQUASH: 0.5 MG/KG; CARCASS MEAT OF GOATS, HORSES, PIGS, AND SHEEP (IN CARCASS FAT), EDIBLE OFFAL OF GOATS, HORSES, PIGS, POULTRY, AND SHEEP, EGGS (SHELL-FREE BASIS), POULTRY (IN CARCASS FAT): 0.2 MG/KG; ALMONDS (SHELL-FREE BASIS), APRICOTS, CHERRIES, CHESTNUTS (SHELL-FREE BASIS), FILBERTS (SHELL-FREE BASIS), PECANS (SHELL-FREE BASIS), WALNUTS (SHELL-FREE BASIS): 0.1 MG/KG; MAIZE (KERNELS): 0.05 MG/KG; MILK: 0.02 MG/KG (EXPRESSED AS ETHION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,34-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : **Ethion**RTECS Number : **TE4550000**CAS Number : **563-12-2**

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 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: 0.1-2.0 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>
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 = 25-5% (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> 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: 0.5-7.0 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	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 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 : Ethion

RTECS Number : TE4550000

CAS Number : 563-12-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.5-1 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>MEAT PRODUCTS: 0.1 MG/KG (INCL. ETHION 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: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->25%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 25-5% (SOLID) OR 25-2% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Effective Date</u> : MAY1986</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.4 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 LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. 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.</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, ETHION, 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	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 : Ethion

RTECS Number : TE4550000

CAS Number : 563-12-2

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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1,000 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, 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> : 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 : 2-Ethoxyethanolacetate

RTECS Number : KK8225000

CAS Number : 111-15-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 27 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,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: 5 PPM, 27 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 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 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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: 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); 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>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 54 MG/M3 (10 PPM) - SKIN ABSORPTION - (APPLIES TO 2-ETHOXYETHYL ACETATE)</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 : 2-Ethoxyethanolacetate

RTECS Number : KK8225000

CAS Number : 111-15-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 54 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> : 01JAN1982</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 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>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2(S)</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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 270 MG/M3 (50 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 540 MG/M3 (100 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 MG/M3 (VAPOUR) HAZ. CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : NOV1989</p> <p><u>Last Amendment</u> : PDKAD*,5147-89,,1989 <u>Entry / Update</u> : MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 30 MG/M3 (5 PPM); 15 MIN - STEL: 50 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.</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 : Ethyl Acetate

RTECS Number : AH5425000

CAS Number : 141-78-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 1400 MG/M3 (400 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
CAN	REG	AIR	OCC	TLV	TWA: 400 PPM, 1,400 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> : MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1173. 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. <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	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	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	OCC	MAC	TWA : 400.0 MG/M3 ; CLV : 2000.0 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

Common Name : Ethyl Acetate

RTECS Number : AH5425000

CAS Number : 141-78-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MPC	LIMIT OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 1.0G/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: 400 ML/M3 (PPM); 1400 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 800 ML/M3 (PPM); 2800 MG/M3; CEILING VALUE; 8X/SHIFT. VAPOUR PRESSURE: 9.7 KPA AT 20C. <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 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
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
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
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
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). LABEL: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); DO NOT EMPTY INTO DRAINS (S 29); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). <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 : Ethyl Acetate

RTECS Number : AH5425000

CAS Number : 141-78-6

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>
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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3 (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	AIR	OCC	OES	<p>8H-TWA: 1400 MG/M3 (400 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. 1173</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: 1400 MG/M3 (400 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 1400 MG/M3 (400 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>

Common Name : Ethyl Acetate

RTECS Number : AH5425000

CAS Number : 141-78-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 200.0 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
RUS	REG	AIR	AMBI	MAC	0.1 MG/M3 UX/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	0.2 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
SWE	REG	AIR	OCC	HLV	1D-TWA: 500 MG/M3 (150 PPM), 15 MIN - STEL: 1100 MG/M3 (300 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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III= MINOR DANGER). UN NO. 1173 <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) 400 PPM (1440 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	REC	SAFTY USE	OCC OCC	MXL MXL	10000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,104,1990 <u>Last Amendment :</u> XPHPAW,90,117,104,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME ALIPHATIC 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. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREC,54,204,43388,1989 <u>Last Amendment :</u> FEREC,54,204,43388,1989 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> JAN1992
USA	REG	CLASS AIR AQ	INDST 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 : Ethyl Acetate

RTECS Number : AH5425000

CAS Number : 141-78-6

Area	Type	Subject	Spec.	Description	Level / Summary Information
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	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. 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	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
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

Common Name : Ethyl Acrylate

RTECS Number : AT0700000

CAS Number : 140-88-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 20 MG/M3 (5 PPM); 15 MIN - STEL : 100 MG/M3 (25 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1917. CLASS (3.2): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 84, 118. 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. (APPLIES ALSO TO ETHYL ACRYLATE 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 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: 5 PPM, 20 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	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: 5 ML/M3 (PPM); 20 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 ML/M3 (PPM); 40 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF SENSITIZATION. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS. VAPOUR PRESSURE: 3.9 KPA AT 20C.</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 : Ethyl Acrylate

RTECS Number : AT0700000

CAS Number : 140-88-5

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	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,,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 - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). LABEL: F - HIGHLY FLAMMABLE; XN - HARMFUL; HIGHLY FLAMMABLE (R 11); HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: XI - IRRITANT; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 5% TO 25%: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 1% TO 5%: XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). 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>
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>

Common Name : Ethyl Acrylate

RTECS Number : AT0700000

CAS Number : 140-88-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3WE (APPLIES TO INHIBITED ETHYL ACRYLATE)</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: 20 MG/M3 (5 PPM); STEL (10 MIN-TWA): 60 MG/M3 (15 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	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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO INHIBITED ETHYL ACRYLATE) UN NO.1917.</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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 20 MG/M3 (5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 100 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	AIR	AMBI	PSL	<p>0.05 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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 5.0 MG/M3 (AEROSOL) HAZARD CLASS: III</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>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.005 MG/L HAZARD CLASS: IV</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 : Ethyl Acrylate

RTECS Number : AT0700000

CAS Number : 140-88-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	1D-TWA: 20 MG/M3 (5 PPM), 15 MIN - STEL: 40 MG//M3 (10 PPM). SKIN ABSORPTION, SENSITIZING. <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: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO INHIBITED ETHYL ACRYLATE) UN NO.1917. <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 PPM, 20 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 25 PPM, 100 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	2000 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,106,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,106,1990 <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> : FERECAC,47,,26998,1982 <u>Effective Date</u> : 1982 <u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991
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.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	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 : Ethyl Acrylate

RTECS Number : AT0700000

CAS Number : 140-88-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>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).</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 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>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).</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>

Common Name : Ethylamine

RTECS Number : KH2100000

CAS Number : 75-04-7

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 18 MG/M3 (10 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	14 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	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, 18 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> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1036. CLASS (2.1): FLAMMABLE GAS; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 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 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,,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991

Common Name : Ethylamine

RTECS Number : KH2100000

CAS Number : 75-04-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH NOT LESS THAN 50% BUT NOT MORE THAN 70% ETHYLAMINE. PIN (PRODUCT IDENTIFICATION NO.): UN2270. CLASS (3.3): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 83, 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 SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO AQUEOUS 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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH NOT LESS THAN 50% BUT NOT MORE THAN 70% ETHYLAMINE. PIN (PRODUCT IDENTIFICATION NO.): UN2270. CLASS (3.1): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 83, 99, 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 MAYBE 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. (APPLIES ALSO TO ETHYLAMINE AQUEOUS 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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH NOT LESS THAN 50% BUT NOT MORE THAN 70% ETHYLAMINE. PIN (PRODUCT IDENTIFICATION NO.): 2270. CLASS (3.2): FLAMMABLE LIQUID;CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 83, 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 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 AQEOUS 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	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 ALIPHATIC 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 ML/M3 (PPM); 18 MG/M3 (20C, 101.3 KPA). SUBSTANCE HAVING INTENSIVE ODOR. 10 MIN- STEL: 20 ML/M3 (PPM); 36 MG/M3; CEILING 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 : Ethylamine

RTECS Number : KH2100000

CAS Number : 75-04-7

Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AQ USE	- INDST	CLASS RQR	<p>WHEN THE TEST SOLUTION IS NOT NEUTRALIZED 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	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 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	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: F - HIGHLY FLAMMABLE; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). LABEL: F - HIGHLY FLAMMABLE; XI - IRRITANT; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13); IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37); 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); DO NOT EMPTY INTO DRAINS (S 29).</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: 18 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 LIQUID. EMERGENCY ACTION CODE: 2PE (APPLIES TO 50-70% SOLUTIONS IN WATER)</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 : Ethylamine

RTECS Number : KH2100000

CAS Number : 75-04-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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. (APPLIES TO ETHYLAMINE AND TO ETHYLAMINE SOLUTIONS 72% OR LESS).
					<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	LABELLING OF ROAD TANKERS : FLAMMABLE GAS. EMERGENCY ACTION CODE : 2PE
					<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	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: FLAMMABLE GAS. UN NO.1036.
					<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	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. SUBSIDIARY RISK LABEL: CORRO SIVE. (APPLIES TO ETHYLAMINE AQUEOUS SOLUTIONS, CONCENTRATIONS NOT LESS THAN 50% BUT NOT MORE THAN 70% ETHYLAMINE). UN NO. 2270
					<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	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><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	TWA: 18 MG/M3 (10 PPM)
					<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 : Ethylamine

RTECS Number : KH2100000

CAS Number : 75-04-7

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 18 MG/M3 (10 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	AMBI	MAC	<p>0.01 MG/M3 1X/D; 0.01 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>0.5 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	AIR	OCC	MAC CLASS	<p>CLV: 10 MG/M3 (VAPOUR) HAZ. CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> NOV1989</p> <p><u>Last Amendment :</u> PDKAD*,5147-89,...,1989 <u>Entry / Update :</u> MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 18 MG/M3 (10 PPM); 15 MIN - STEL: 30 MG/M3 (15 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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES WHEN NOT LESS THAN 50% BUT NOT MORE THAN 70% ETHYLAMINE IN AQUEOUS SOLUTION). UN NO.2270.</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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.); 3 = INFLAMMABLE LIQUID; 6.1 = POISONOUS SUBSTANCE UN NO.1036.</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	SAFTY USE	OCC OCC	MXL MXL	<p>4000 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,116,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,116,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 10 PPM, 18 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>

Common Name : Ethylamine

RTECS Number : KH2100000

CAS Number : 75-04-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 5 PINTS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE SEGREGATED AS F OR FLAMMABLE GAS. 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>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> 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	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> FERECAC.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	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 : Ethylbenzene

RTECS Number : DA0700000

CAS Number : 100-41-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 435 MG/M3 (100 PPM), 15 MIN - STEL : 545 MG/M3 (125 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>340 MG/M3 (78 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,,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</p>
CAN	REC	AQ	DRINK	GL MAC	<p>AESTHETIC OBJECTIVE (AO) = < 0.0024 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	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: 100 PPM, 435 MG/M3; STEL: 125 PPM, 545 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>PIN (PRODUCT IDENTIFICATION NO.): UN1175. 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 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 : Ethylbenzene

RTECS Number : DA0700000

CAS Number : 100-41-4

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	AIR	OCC	MAC	<p>TWA: 200.0 MG/M3; CLV: 1000.0 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: 100 ML/M3 (PPM); 440 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 200 ML/M3 (PPM); 880 MG/M3; CEILING VALUE: 8X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. VAPOUR PRESSURE: 0.9 KPA AT 20C.</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>
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	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 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	<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 AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); AVOID CONTACT WITH SKIN AND EYES (S 24/25); DO NOT EMPTY INTO DRAINS (S 29). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: XN - HARMFUL; HARMFUL BY INHALATION.</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 : Ethylbenzene

RTECS Number : DA0700000

CAS Number : 100-41-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3 (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 RSTR RSTR	<p>CATEGORY C SUBSTANCE. DESIGNATED AS AN OIL-LIKE SUBSTANCE. UNDER THESE REGULATIONS DISCHARGE INTO THE SEA IS PROHIBITED AND DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. NOTWITHSTANDING THE PROVISIONS OF THESE REGULATIONS AN OIL-LIKE SUBSTANCE MAY BE CARRIED IN AN OIL TANKER AND MAY BE DISCHARGED IN ACCORDANCE WITH REGULATION 13 OF THE MERCHANT SHIPPING (PREVENTION OF OIL POLLUTION) REGULATION 1983.</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 3</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: 435 MG/M3 (100 PPM). STEL (10 MIN-TWA): 545 MG/M3 (125 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 = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1175.</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: 430 MG/M3 (100 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 435 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 545 MG/M3 (125 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>0.01 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	AIR	AMBI	MAC	<p>0.02 MG/M3 1X/D; 0.02 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	<p>SURFACE WATER FOR FISHING : 11 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 : Ethylbenzene

RTECS Number : DA0700000

CAS Number : 100-41-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV: 50 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: 200 MG/M3 (50 PPM). 15 MIN - STEL: 450 MG/M3 (100 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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1175. <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) 100 PPM, 434 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 125 PPM, 543 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	2000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,106,1990 <u>Last Amendment :</u> XPHPAW,90,117,106,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
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>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991
USA	REG	AQ	DRINK	MPC	0.7 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> FEREC,40,,59570,1975 <u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Effective Date :</u> 1975 <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>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Entry / Update :</u> NOV1991

Common Name : Ethylbenzene

RTECS Number : DA0700000

CAS Number : 100-41-4

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
		AQ	GRND	RQR	
		AQ	MARIN	RQR	
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. <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
		SOIL	EMI	RQR	
		AQ	EMI	RQR	
		MANUF	EMI	RQR	
USA	REG	AQ	GRND	MONIT	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
		AQ	GRND	MXL	
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
USA	REG	MANUF	REQ	PRMT	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
		USE	OCC	PRMT	
		SAFTY	OCC	MXL	
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 : Ethylbenzene

RTECS Number : DA0700000

CAS Number : 100-41-4

Area Type Subject Spec. Description Level / Summary Information :

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	AQ AQ	EMI INDST	RQR RQR	BASED ON ITS PERSISTENCE, 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
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 : Ethyl Chloride

RTECS Number : KH7525000

CAS Number : 75-00-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 2600 MG/M3 (1000 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*,24170,1,1,1979 <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>2030 MG/M3 (780 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,,141,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</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.): UN1037. CLASS (2.1): FLAMMABLE GAS. SPECIAL PROVISIONS: 46, 90, 96, 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: 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>
CAN	REG	AIR	OCC	TLV	<p>TWA: 1,000 PPM, 2,600 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 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.</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 : Ethyl Chloride

RTECS Number : KH7525000

CAS Number : 75-00-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDF,XXVII,,17,1991 <u>Effective Date</u> : <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
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
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: F - HIGHLY FLAMMABLE; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). LABEL: F - HIGHLY FLAMMABLE; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13); 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). <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: 2600 MG/M3 (1000 PPM). STEL (10 MIN-TWA): 3250 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> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). UN NO.1037. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,,,10004,1990 <u>Entry / Update</u> : JAN1991
JPN	REC	AIR	OCC	MAC	TWA: 2600 MG/M3 (1000 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 2600 MG/M3 (1000 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 3250 MG/M3 (1250 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

Common Name : Ethyl Chloride

RTECS Number : KH7525000

CAS Number : 75-00-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 50.0 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
RUS	REG	AIR	AMBI	MAC	0.2 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> SEP*1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 1300 MG/M3 (500 PPM); 15 MIN - STEL: 1900 MG/M3 (700 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.); 3 = INFLAMMABLE LIQUID. UN NO.1037. <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	20000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,108,1990 <u>Last Amendment :</u> XPHPAW,90,117,108,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1000 PPM, 2640 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	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>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <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>Last Amendment :</u> FEREAC,56,,1473,1991 <u>Effective Date :</u> 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>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> OCT1991

Common Name : Ethyl Chloride

RTECS Number : KH7525000

CAS Number : 75-00-3

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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. SEE 49 CFR 173.123 FOR CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE SEGREGATED AS FOR FLAMMABLE GASES. 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	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	-	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	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	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 : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FEED	-	MXL	30-50 MG/KG (OF INORGANIC BROMINE CALCULATED AS BROMINE). <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	10-75 MG/KG (OF INORGANIC BROMINE CALCULATED AS BROMINE). <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	-	AL	SPECIFIED PLANT PRODUCTS: 10-50 MG/KG <u>Title :</u> CATALOGO DOS DEFENSIVOS AGRICOLAS <u>Reference :</u> CDABR*,2,..,69,1980 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1982
CAN	REG	AIR	OCC	TLV	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>Last Amendment :</u> <u>Effective Date :</u> 13MCH1986 <u>Entry / Update :</u> MAY1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1984. CODE EDB. 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	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1605. CLASS (6.1): POISONOUS; 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 OR 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. <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

Common Name : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

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. <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. <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	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT) <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: 10.0MG/M3. CLV: 20.0MG/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
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>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	DANGER OF CUTANEOUS ABSORPTION. CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. VAPOUR PRESSURE: 1.5 KPA AT 20C. <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>Entry / Update</u> : JAN1992
DEU	REC	AIR	OCC	TRK	8H-TWA: 0.1 ML/M3; 0.8 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.) <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> : BNDSD6,,2,120,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1992 <u>Last Amendment</u> : BNDSD6,,11,52,1991
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

Common Name : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

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>ALL 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>
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>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN 1,2- DIBROMOETHANE 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	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 0.01 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> : 01JAN1989</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	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> : 01JAN1988</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : NOV1987</p>

Common Name : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

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	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.01 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	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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). 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; MAY CAUSE CANCER (R 45); ALSO 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); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); 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; MAY CAUSE CANCER (R 45); 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). FROM 1% TO 20%: T - TOXIC; MAY CAUSE CANCER (R 45); TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). FROM 0.1% TO 1%: T - TOXIC; MAY CAUSE CANCER (R 45); 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	REC	USE STORE	AGRIC PESTI	PRO PRO	<p>USE OF EDB IN COMBINATION WITH OTHER LIQUID FUMIGANTS TO DISINFEST CEREAL GRAINS IN FOOD STORAGE PRACTICE WITHDRAWN (1981). WITHDRAWAL OF USE AS A SPOT FUMIGANT IN FOOD STORAGE PRACTICE EXCEPT FOR USE BY PROFESSIONAL OPERATORS. WITHDRAWAL OF ALL FUMIGANT USES IN FOOD STORAGE PRACTICE. REASONS FOR THE CONTROL ACTION: BECAUSE EDB HAS BEEN SHOWN TO BE A POTENTIAL 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> : 1981-1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>

Common Name : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	SAFTY STORE	INDST	RQR RQR	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). <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> 1992
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	AIR	OCC	MEL	8H-TWA: 8 MG/M3 (1 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
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2X <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	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 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). <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
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.01-0.05MG/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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1605 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991

Common Name : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURES, LIQUID) UN NO.1647. <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 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 RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 5T. <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	USE USE	AGRIC PESTI	PRO PRO	TOTAL BAN AS A PESTICIDE. REASONS FOR CONTROL ACTION: BANNING WAS DUE TO THE HEAVY RISKS ASSOCIATED WITH THE PESTICIDE, ESPECIALLY TO SMALL-SCALE FARMERS. <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> : 22APR1985 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1986
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 5.0-75.0 MG/KG CALCULATED AS INORGANIC BROMIDE. <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 890 MG/M3 (200 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1110 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
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO RSTR	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). <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 : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

Area Type Subject Spec. Description Level / Summary Information :

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 METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURES UN NO.1647.			
					<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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1605			
					<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	400 MG/M3			
					<u>Title :</u>	POCKET GUIDE TO CHEMICAL HAZARDS		
					<u>Reference :</u>	XPHPAW,90,117,110,1990	<u>Effective Date :</u>	JUN1990
					<u>Last Amendment :</u>	XPHPAW,90,117,110,1990	<u>Entry / Update :</u>	OCT1991
USA	REC	AIR	OCC	TLV	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	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	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	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 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM LIVING QUARTERS. 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 : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

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	DRINK	MPC	<p>0.00005 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	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	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	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 : Ethylene Dibromide

RTECS Number : KH9275000

CAS Number : 106-93-4

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 EDB; 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>
WHO	REC	AQ AQ	DRINK PESTI	GL 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 : Ethylene Dichloride

RTECS Number : KI0525000

CAS Number : 107-06-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 40 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>
BRA	REG	AIR	OCC	AL	<p>156 MG/M3 (39 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,,142,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</p>
CAN	REC	AQ	DRINK	GL MAC	<p>INTERIM MAXIMUM ACCEPTABLE CONCENTRATION (IMAC): 0.005 MG/L. PROPOSED LEVELS 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	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: 10 PPM, 40 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>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1984. CODE EDC. 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>

Common Name : Ethylene Dichloride

RTECS Number : KI0525000

CAS Number : 107-06-2

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1184. CLASS (3.2): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS; 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: 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	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORTINTO CANADA POLISHES, CLEANING AGENTS, LIQUIDCOATING MATERIALS OR PAINT AND VARNISH REMOVERS CONTAINING 1,2-DICHLOROETHANE, WHERESUCH PRODUCTS OR SUBSTANCES ARE 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 HEALTHAND 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	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	AIR	OCC	MAC	<p>TWA: 50.0 MG/M3; CLV: 100 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)</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>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. VAPOUR PRESSURE: 8.7 KPA AT 20C.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE 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 : Ethylene Dichloride

RTECS Number : KI0525000

CAS Number : 107-06-2

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	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	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	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	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 : Ethylene Dichloride

RTECS Number : KI0525000

CAS Number : 107-06-2

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.2; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; MAY CAUSE CANCER (R 45); HIGHLY FLAMMABLE (R 11); ALSO HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: T - TOXIC; MAY CAUSE CANCER (R 45); HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). FROM 20% TO 25%: T - TOXIC; MAY CAUSE CANCER (R 45); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). FROM 0.1% TO 20%: T - TOXIC; MAY CAUSE CANCER (R 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	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> : 01JUN1989</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : JAN1992</p>
EEC	REG	CLASS 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>

Common Name : Ethylene Dichloride

RTECS Number : K10525000

CAS Number : 107-06-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	<p>LIMIT VALUES FOR EMISSION STANDARDS FOR DISCHARGES FROM INDUSTRIAL PLANTS INTO THE AQUATIC ENVIRONMENT: (A) PRODUCTION ONLY OF 1,2-DICHLOROETHANE (EDC) WITHOUT PROCESSING OR USE ON THE SAME SITE (VALUES REFER TO THE PRODUCTION CAPACITY OF PURIFIED EDC IN TONNES): 4 G/TONNE (MONTHLY) AND 8 G/TONNE (DAILY) RESP. 2 AND 4 MG/L AS FROM 1.1.1993: 1.25 G/TONNE (MONTHLY) AND 2.5 G/TONNE (DAILY) RESP. 1.25 AND 2.5 MG/L AS FROM 1.1.1995. (B) PRODUCTION OF EDC, AND PROCESSING OR USE AT THE SAME SITE EXCEPT FOR THE USE DEFINED IN (E) (VALUES REFER TO PRODUCTION CAPACITY OF PURIFIED EDC IN TONNES): 12 G/TONNE (MONTHLY) AND 24 G/TONNE (DAILY), RESP. 6 AND 12 MG/L AS FROM 1.1.1993: 5 AND 10 G/TONNE RESP. 2.5 AND 5 MG/L AS FROM 1.1.1995.(C) PROCESSING OF EDC INTO SUBSTANCES OTHER THAN VINYL CHLORIDE (VALUES REFER TO EDC PROCESSING CAPACITY IN TONNES): 2.5 G/TONNE (MONTHLY) AND 5 G/TONNE (DAILY), RESP. 1 AND 2 MG/L AS FROM 1.1.1993. (D) USE OF EDC FOR DEGREASING METALS (AWAY FROM AN INDUSTRIAL SITE COVERED BY (B)): 0.1 MG/L (MONTHLY) AND 0.2 MG/L (DAILY) AS FROM 1.1.1993. (E) USE OF EDC IN THE PRODUCTION OF ION EXCHANGERS: NO LIMITS ADOPTED YET. QUALITY OBJECTIVES FOR THE AQUATIC ENVIRONMENT: 10 UG/L AS OF 1.1.1993.</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> : 01JAN1993</p> <p><u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 40 MG/M3 (10 PPM); STEL (10 MIN-TWA): 60 MG/M3 (15 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	AQ MANUF	EMI INDST	PRO RSTR	<p>1,2-DICHLOROETHANE 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	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 1,2-DICHLOROETHANE 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 1,2-DICHLOROETHANE 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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2YE</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 : Ethylene Dichloride

RTECS Number : KI0525000

CAS Number : 107-06-2

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.1184. <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. <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: 40 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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
JPN	REG	CLASS MANUF IMPRT	-	CLASS RSTR RSTR	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. <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*,,,,1991 <u>Effective Date :</u> 02JUL1987 <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 40 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	AQ	SURF	PSL CLASS	0.02 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	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-7.0 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

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CAS Number : 107-06-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC; VOLATILE. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : OSUMH*,,21MCH,1986 <u>Effective Date</u> : <u>Entry / Update</u> : AUG1988
SWE	REG	AIR	OCC	HLV	ID-TWA: 4 MG/M3 (1 PPM); 15 MIN - STEL: 20 MG/M3 (5 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. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1184. <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, 40 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	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 O F 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	SAFTY USE	OCC OCC	MXL MXL	1000 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,110,1990 <u>Last Amendment</u> : XPHPAW,90,117,110,1990 <u>Effective Date</u> : JUN1990 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	DRINK	MPC	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. <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	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

Common Name : Ethylene Dichloride

RTECS Number : KI0525000

CAS Number : 107-06-2

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> : OCT'991</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>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	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>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>

Common Name : Ethylene Dichloride

RTECS Number : KI0525000

CAS Number : 107-06-2

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 EDCTHIS 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>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	-	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)]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 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 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	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 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 : Ethylene Dichloride**RTECS Number :** KI0525000**CAS Number :** 107-06-2

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

WHO	REC	AQ	DRINK	GL	30 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>Effective Date</u> :
					<u>Last Amendment</u> : WHODW*,,,1992	<u>Entry / Update</u> : OCT1992

Common Name : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 2 MG/M3 (1 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	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>PURE OR WITH NITROGEN. PIN (PRODUCT IDENTIFICATION NO.): UN1040. CLASS (2.1): FLAMMABLE GAS; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 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 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.</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>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE ETO. 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>
CAN	REG	AIR	OCC	TLV	<p>TWA: 1 PPM, 2 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	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>

Common Name : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 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>
CSK	REG	AIR	OCC	MAC	<p>TWA: 1.0 MG/M3, CLV: 5.0 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	-	CLASS RQR	<p>INDST</p> <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	TRK	<p>8H-TWA: 1 ML/M3; 2 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 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>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> : 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 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	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 0.02 MG/KG. APPLIES TO THE SUM OF ETHYLENE OXIDE AND ITS DEGRADATION PRODUCT 2-CHLOROETHANOL, CALCULATED AS ETHYLENE OXIDE.</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 : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

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	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,,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	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,,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 SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN ETHYLENEOXIDE ARE CLASSIFIED INTO CLASS 1A, 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>					
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	RSTR RSTR RSTR	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 EXCEPT FOR A) PATHOGEN REDUCTION OF THE FOLLOWING DRIED VEGETABLES INTENDED FOR INCORPORATION IN FOOD PREPARATIONS WHICH DO NOT UNDERGO FULL COOKING TREATMENT PRIOR TO CONSUMPTION: ASPARAGUS, ONIONS, LEEKS, MUSHROOMS; B) PATHOGEN REDUCTION OF DRIED HERBS AND SPICES (I.E. PLANTS AND PLANT PRODUCTS RICH IN ESSENTIAL OILS AND AROMATIC PRINCIPLES MAINLY USED AS CONDIMENTS BECAUSE OF THEIR CHARACTERISTIC TASTE); C) PATHOGEN REDUCTION OF DRIED HERBS INTENDED EXCLUSIVELY FOR MARKETING WITHOUT FURTHER PROCESSING AS MEDICINAL PRODUCTS; D) PATHOGEN REDUCTION OF COCOA POWDER AND CAKE; E) FUMIGATION OF TOBACCO LEAF. DEROGATIONS (A), (D) AND (E) SHALL EXPIRE ON 31 DECEMBER 1989 AT THE LATEST AND DEROGATIONS(B) AND (C) ON 31 DECEMBER 1990 AT THE LATEST.
<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> : 31DEC1989</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : NOV1987</p>					

Common Name : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

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 POLYETHERS BASED ON ETHYLENE OXIDE, PROPYLENE OXIDE AND/OR TETRAHYDROFURAN, CONTAINING FREE HYDROXYL GROUPS).</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	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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). CARCCAT.2; MAY CAUSE CANCER (R 45). MUTA.CAT.2; MAY CAUSE HERITABLE GENETIC DAMAGE (R 46). T - TOXIC; TOXIC BY INHALATION (R 23). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: F+ - EXTREMELY FLAMMABLE; T - TOXIC; MAY CAUSE CANCER (R 45); MAY CAUSE HERITABLE GENETIC DAMAGE (R 46); EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13); TOXIC BY INHALATION (R 23); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); KEEP CONTAINER TIGHTLY CLOSED IN A COOL, WELL-VENTILATED PLACE (S 3/7/9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33); 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>

Common Name : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

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 POLYETHERS BASED ON ETHYLENE OXIDE, PROPYLENE OXIDE AND/OR TETRAHYDROFURAN, CONTAINING FREE HYDROXYL GROUPS).</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	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	FOOD IMPRT SALE	ADDIT ADDIT ADDIT	PRO PRO PRO	<p>THE SALE OR IMPORTATION OF FOOD CONTAINING ETHYLENE OXIDE IS PROHIBITED.</p> <p><u>Title</u> : THE PRESERVATIVES IN FOOD REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,533,,8,1989 <u>Effective Date</u> : 01.JAN1991</p> <p><u>Last Amendment</u> : GBRSI*,2287,,1989 <u>Entry / Update</u> : 1992</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 ETHYLENE OXIDE / PROPYLENE OXIDE MIXTURE, WITH AN ETHYLENE OXIDE CONTENT OF NOT MORE THAN 30% BY WEIGHT).</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	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>

Common Name : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

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 5 OR MORE TONS OF ETHYLENE OXIDE 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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE GAS. EMERGENCY ACTION CODE : 2PE (APPLIES TO ETHYLENE OXIDE CONTAINING NOT MORE THAN 0.2% NITROGEN)</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: 10 MG/M3 (5 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. (APPLIES TO THE SUBSTANCE, PURE OR WITH NITROGEN UP TO A TOTAL PRESSURE OF 1 MPA (10 BAR) AT 50 C). UN NO. 1040</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.). (APPLIES TO DICHLORODIFLUOROMETHANE AND ETHYLENE OXIDE MIXTURES WITH NOT MORE THAN 12 % ETHYLENE OXIDE). UN NO. 3070</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: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I = GREAT DANGER (I = GREAT DANGER - III = MINOR DANGER). (APPLIES TO ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURES, NOT MORE THAN 30 PERCENT ETHYLENE OXIDE). UN NO. 2983</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 % 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 : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

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 RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 5T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 50 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: 1.8 MG/M3 (1 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>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED FOR FUMIGATION. THE 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>
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 (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>
RUS	REG	AIR	AMBI	MAC	<p>0.3 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	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>
SWE	REG	SALE	PESTI	PRO	<p>SUSPENDED DUE TO ITS CARCINOGENIC PROPERTIES</p> <p><u>Title</u> : DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN</p> <p><u>Reference</u> : KEMIB*,,,1991 <u>Effective Date</u> : ** 1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 2 MG/M3 (1 PPM); 15 MIN - STEL: 9 MG/M3 (5 PPM). SKIN ABSORPTION, 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 : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO DICHLORODIFLUOROMETHANE AND ETHYLENE OXIDE MIXTURES WITH NOT MORE THAN 12 PERCENT ETHYLENE OXIDE). UN NO. 3070
<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: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURES, NOT MORE THAN 30 PERCENT ETHYLENE OXIDE). UN NO. 2983
<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.). SUBSIDIARY RISKS: 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>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.). SUBSIDIARY RISKS: 3 = INFLAMMABLE LIQUID AND 6.1 = POISONOUS SUBSTANCE. (APPLIES TO THE SUBSTANCE, PURE OR WITH NITROGEN). UN NO. 1040
<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) (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>Last Amendment :</u> UNTDG*,15,1989					
<u>Effective Date :</u>					
<u>Entry / Update :</u> NOV1990					
USA	REC	SAFTY USE	OCC OCC	MXL MXL	800 PPM
<u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS					
<u>Reference :</u> XPHPAW,90,117,122,1990					
<u>Last Amendment :</u> XPHPAW,90,117,122,1990					
<u>Effective Date :</u> JUN1990					
<u>Entry / Update :</u> OCT1991					
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 PPM, 1.8 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	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> FERECAC,47,,26998,1982					
<u>Last Amendment :</u> CFRUS*,40,712,30,1990					
<u>Effective Date :</u> 1982					
<u>Entry / Update :</u> OCT1991					

Common Name : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

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	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 PACK LABEL	-	PRMT CNTRL RQR	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT IN ACCORDANCE TO 49 CFR 173.124. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE SEGREGATED AS FOR FLAMMABLE GASES. 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
USA	REG	USE FOOD STORE MANUF PACK	- ADDIT	RSTR RSTR RSTR RSTR	FOR USE AS A FUMIGANT IN SIZING.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
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME ETHYLENE OXIDE 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
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 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> 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 : Ethylene Oxide

RTECS Number : KX2450000

CAS Number : 75-21-8

Area Type Subject Spec. Description Level / Summary Information :

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>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=1,000 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	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

Common Name : Ethylene Thiourea

RTECS Number : NI9625000

CAS Number : 96-45-7

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>
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>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,,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: TERA. CAT.2; MAY CAUSE BIRTH DEFECTS (R 47). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; MAY CAUSE BIRTH DEFECTS (R 47); HARMFUL IF SWALLOWED (R 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>
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> 22MCH1989</p> <p><u>Last Amendment :</u> JPNCO*,,,,1991 <u>Entry / Update :</u> NOV1991</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.02 MG/KG.ADI = 0.0003 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 : Ethylene Thiourea

RTECS Number : NI9625000

CAS Number : 96-45-7

Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO RSTR	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).
<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	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.02-0.05 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	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	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> 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 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	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 : Ethylene Thiourea

RTECS Number : NI9625000

CAS Number : 96-45-7

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). <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
		SOIL	EMI	RQR		
		AQ	EMI	RQR		
		MANUF	EMI	RQR		

Common Name : Ethyl Ether

RTECS Number : KI5775000

CAS Number : 60-29-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 1200 MG/M3 (400 PPM), 15 MIN - STEL : 1500 MG/M3 (500 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	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.): UN1155. CLASS (3.1): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 46, 56, 99. 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 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	AIR	OCC	TLV	<p>TWA: 400 PPM, 1,200 MG/M3; STEL: 500 PPM, 1500 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 ETHYL ETHER WHERE THE SUBSTANCE CAN, UNDER REASONABLY FORESEEABLE CIRCUMSTANCES BECOME ACCESSIBLE TO A CHILD OR WHERE THE SUBSTANCE IS A FILLING THAT MAY BE RELEASED UPON 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>
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 : Ethyl Ether

RTECS Number : KI5775000

CAS Number : 60-29-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	TWA: 500.0 MG/M3; CLV: 1500.0 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	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	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	- 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>Entry / Update</u> : DEC1991 <u>Last Amendment</u> :
DEU	REC	AIR	OCC	MAK	8H-TWA: 400 ML/M3 (PPM); 1200 MG/M3 (20C. 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 800 ML/M3 (PPM); 2400 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: 58.7 KPA AT 20C. <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>Entry / Update</u> : JAN1992 <u>Last Amendment</u> :
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	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 : Ethyl Ether

RTECS Number : KI5775000

CAS Number : 60-29-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). MAY FORM EXPLOSIVE PEROXIDES (R 19). LABEL: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12); MAY FORM EXPLOSIVE PEROXIDES (R 19); 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).</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	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>
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: 2 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	AIR	OCC	OES	<p>8H-TWA: 1200 MG/M3 (400 PPM). STEL (10 MIN-TWA): 1500 MG/M3 (500 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 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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3YE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1,1978 <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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=MINOR DANGER - III=GREAT DANGER). UN NO. 1155.</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 : Ethyl Ether

RTECS Number : KI5775000

CAS Number : 60-29-7

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 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: 1200 MG/M3 (400 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 1200 MG/M3 (400 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1500 MG/M3 (500 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	1.0 MG/M3 1X/D, 0.6 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: 300.0 MG/M3 (VAPOUR) HAZARD CLASS: IV <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: 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
SWE	REG	AIR	OCC	HLV	1D-TWA: 1200 MG/M3 (400 PPM); 15 MIN - STEL: 1500 MG/M3 (500 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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=MINOR DANGER - III=GREAT DANGER). UN NO. 1155. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990

Common Name : Ethyl Ether

RTECS Number : KI5775000

CAS Number : 60-29-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 400 PPM, 1210 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 500 PPM, 1520 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>19000 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,124,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,124,1990 <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	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	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 IN CARGO VESSELS ON DECK AND BELOW DECK 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>

Common Name : Ethyl Mercaptan

RTECS Number : KI9625000

CAS Number : 75-08-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 1 MG/M3 (0.5 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*,24170,1,1,1979 <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	AIR	OCC	TLV	<p>TWA: 0.5 PPM, 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> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2363. CLASS (3.1): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 46, 56, 89, 90, 99. 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>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL MERCAPTANES)</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: 0.5 ML/M3 (PPM); 1 MG/M3 (20C, 101.3 KPA). SUBSTANCE HAVING INTENSIVE ODOR. 10 MIN- STEL: 1.0 ML/M3 (PPM); 2.0 MG/M3; CEILING VALUE; 4X/SHIFT.</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 : Ethyl Mercaptan

RTECS Number : KI9625000

CAS Number : 75-08-1

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 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 RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE BEC (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). XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: F - HIGHLY FLAMMABLE; XN - HARMFUL; HIGHLY FLAMMABLE (R 11); HARMFUL BY INHALATION (R 20); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); AVOID CONTACT WITH EYES (S 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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1 MG/M3 (0.5 PPM). STEL (10 MIN-TWA): 3 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> : GBR51*,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 = FLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I = GREAT DANGER-III=MINOR DANGER). UN NO. 2363</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>
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>

Common Name : Ethyl Mercaptan

RTECS Number : KI9625000

CAS Number : 75-08-1

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 1 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2MG/M3 (0.95PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 3MG/M3 (2PPM) 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: 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = FLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I = GREAT DANGER-III=MINOR DANGER). UN NO. 2363</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, 1.3 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>2500 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,112,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,112,1990 <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 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>

Common Name : Etrinfos

RTECS Number : TF8350000

CAS Number : 38260-54-7

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
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 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: 0.1 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF ETRIMFOS, ETRIMFOS-OXONE AND EEHP; CALCULATED AS ETRIMFOS. <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	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
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.003 MG/KG BW; MRL: RAPESEED: 10 MG/KG; RAPESEED OIL (REFINED): 0.5 MG/KG; CARCASE MEAT OF CATTLE, CATTLE MEAT BY-PRODUCTS, MILK: 0.01 MG/KG (DETERMINED AS SUM OF ETRIMFOS, ITS OXYGEN ANALOGUE AND 6-ETHOXY-2-ETHYL-4-HYDROXYPYRIMIDINE, EXPRESSED AS ETRIMFOS) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,123-IV,1986 <u>Entry / Update</u> : APR1991
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 3UG/KG BW; MRL: RAPESEED, WHEAT BRAN (UNPROCESSED): 10 MG/KG; BARLEY, MAIZE, WHEAT WHOLEMEAL: 5 MG/KG; APPLES, WHEAT FLOUR (WHITE): 1 MG/KG; GRAPES, KALE, RAPESEED OIL (REFINED): 0.5 MG/KG; ARTICHOKE, BEANS, CARCASE MEAT OF CATTLE, CATTLE MEAT BY-PRODUCTS, MILK, PEAS, PLUMS, TOMATOES: 0.2 MG/KG; CABBAGE, CHINESE CABBAGE, CUCUMBERS, LEEKS, ONIONS, PEACHES, POTATOES, RADISHES, RICE: 0.1 MG/KG; APRICOT, BRUSSELS SPROUTS, CAULIFLOWER, PEACH: 0.05 MG/KG; POULTRY MEAT: 0.02 MG/KG; CHERRIES, EGGS, KOHLRABI, SOYBEANS, SUGARBEETS, SUGARBEET LEAVES: 0.01 MG/KG. TEMPORARY MRL: LETTUCE (HEAD): 2 MG/KG (LEVELS REFER TO SUM OF ETRIMFOS AND ITS OXYGEN ANALOGUE). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FPPDD,42,,56,1988 <u>Entry / Update</u> : JUL1990
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 10 MG/KG (AS THE SUM OF ETRIMFOS, ITS OXYGEN ANALOGUE AND 6-ETHOXY-2-ETHYL-4-HYDROXYPYRIMIDINE). 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

Common Name : **Etrimfos**RTECS Number : **TF8350000**CAS Number : **38260-54-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	APPROVED AS A CONTACT 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
RUS	REG	AIR	OCC	PSL	0.5 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	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: 0.01-0.5 MG/KG; ADI = 0.003 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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01-0.5 MG/KG; ADI = 0.003 MG/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

Common Name : Fenamiphos

RTECS Number : TB3675000

CAS Number : 22224-92-6

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,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: 0.1 MG/KG; SECURITY INTERVAL: 45 DAYS; 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*,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. 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,120,6,1105,1989 <u>Effective Date</u> : 13MCH1986</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	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>
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,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 0.2 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF FENAMIPHOS, FENAMIPHOS SULFOXIDE AND FENAMIPHOS SULFONE; CALCULATED AS FENAMIPHOS.</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 : **Fenamiphos**RTECS Number : **TB3675000**CAS Number : **22224-92-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD	-	ADI MRL	ADI(TEMPORARY): 0.0003 MG/KG BW; MRL (TEMPORARY): ORANGES (WHOLE): 0.5 MG/KG; CARROTS, POTATOES, TOMATOES: 0.2 MG/KG ; BANANAS, COFFEE BEANS (GREEN,ROASTED), GRAPES, ORANGES (FLESH), SWEET POTATOES: 0.1 MG/KG; BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COTTONSEED, KIWI FRUIT, MELONS, PEANUTS (KERNELS), PINEAPPLES, SOYBEANS (DRIED), SUGAR BEETS: 0.05 MG/KG (DETERMINED AS SUM OF FENAMIPHOS, ITS SULPHOXIDE AND SULPHONE, EXPRESSED AS FENAMIPHOS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIII,,85-IV,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991
FAO	REC	FOOD	-	MRL	ORANGES (WHOLE FRUIT): 0.5 MG/KG; POTATOES, CARROTS, TOMATOES: 0.2 MG/KG; BANANAS, COFFEE BEANS (GREEN AND ROASTED), GRAPES, ORANGES (FLESH OF FRUIT), SWEET POTATOES: 0.1 MG/KG; BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COTTONSEED, KIWI FRUIT, MELONS, PEANUTS (KERNELS), PINEAPPLE, SOYBEANS (DRIED), SUGARBEETS: 0.05 MG/KG. (ALL LIMITS REFER TO THE SUM OF FENAPMIPHOS, ITS SULFOXIDE AND ITS SULFONE, EXPRESSED AS PHENAPMIPHOS). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FPPDD,84,,52,1987 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> JUL1990
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% 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
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% 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	AIR	OCC	TLV	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. <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	USE SAFTY	PESTI PESTI	RSTR CNTRL	EMULSIFIABLE CONCENTRATES WITH FENAMIPHOS OF 35 PERCENT AND GREATER 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> FEREC,43,,5790,1978 <u>Last Amendment :</u> CFRUS*,40,152,175,1990 <u>Effective Date :</u> 1978 <u>Entry / Update :</u> JAN1992
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	EMULSIFIABLE CONCENTRATES WITH FENAMIPHOS OF 35 PERCENT AND GREATER 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> CFRUS*,40,152,175,1990 <u>Last Amendment :</u> FEREC,43,,5790,1978 <u>Effective Date :</u> 1978 <u>Entry / Update :</u> JAN1992

Common Name : **Fenamiphos**RTECS Number : **TB3675000**CAS Number : **22224-92-6**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, FENAMIPHOS, 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>
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>

Common Name : Fenasal

RTECS Number : VN8400000

CAS Number : 50-65-7

Area Type Subject Spec. Description Level / Summary Information :

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 RESTRICTED USE ASA FISH TOXICANT, MOLLUSCICIDE. (FORMULATION: GRANULAR; WETTABLE POWDER). CODE BAS. 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>
RUS	REG	AIR	AMBI	PSL	<p>0.01 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: 10MG/M3 (AEROSOL) HAZ. CLASS: IV</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> SEP1988</p> <p><u>Last Amendment :</u> PDKAD*,4696-88,,,1988 <u>Entry / Update :</u> MAY1990</p>

Common Name : **Fenclorphos**RTECS Number : **TG0525000**CAS Number : **299-84-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD FEED	-	MRL MRL	FOODSTUFF: COWS' MILK: 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> MAY1985
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	USE USE	AGRIC CONSM	PRO RSTR	USE IN AGRICULTURE: NOT AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED IN FORMULATIONS OF 2-5% (WT/WT); 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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1985. CODE RON. 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: 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 ACCIH (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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL = 3.0-7.5 PPM. (CALCULATED ON THE FAT CONTENT); TABLE III - SPECIFIED ANIMAL PRODUCTS, TOLERANCE = 3-7.5 PPM. APPLIES TO RONNEL INCLUDING METABOLITE CONTAINING THE TRICHLOROPHENOL MOIETY CALCULATED AS RONNEL. 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,124,11,1988,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 13SEP1979 <u>Entry / Update :</u> MAY1991

Common Name : **Fenchlorphos**RTECS Number : **TG0525000**CAS Number : **299-84-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>BEEF, BEEF PRODUCTS, BEEF FAT, SHEEP, SHEEP PRODUCTS, SHEEP FAT, GOAT, GOAT PRODUCTS, GOAT FAT: 10.0 MG/KG LIPID WEIGHT. PORK, PORK PRODUCTS, PORK FAT, MILK, MILK PRODUCTS: 2.0 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.</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	PESTI	MRL	<p>FRUITS, VEGETABLES: 0.01 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF FENCHLORPHOS AND O,O-DIMETHYL-O-(2,4,5-TRICHLOROPHENYL)-PHOSPHATE; CALCULATED AS FENCHLORPHOS.</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 IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); LABEL: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); AVOID CONTACT WITH EYES (S 25); 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	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>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. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206,13,1978 AS LAST AMENDED BY THE REFERENCE GIVEN).</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) : 0.01 MG/KG FENCHLORPHOS AND ITS METABOLITE O,O-DIMETHYL-O-(2,4,5-TRICHLOROPHENYL) PHOSPHATE, EXPRESSED AS FENCHLORPHOS)</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> : 31MCH1981</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : JUL1991</p>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.01 MG/KG BW; MRL: CARCASS MEAT OF CATTLE, GOATS, AND SHEEP (IN CARCASS FAT): 10 MG/KG; CARCASS MEAT OF PIGS (IN CARCASS FAT): 2 MG/KG; MILK: 0.08 MG/KG; EGGS (SHELL-FREE BASIS): 0.05 MG/KG; POULTRY: 0.01 MG/KG (EXPRESSED AS FENCHLORPHOS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,36-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : **Fenchlorphos**RTECS Number : **TG0525000**CAS Number : **299-84-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.04-7.5 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>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. <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	AQ	AMBI	MPC	0.05 MG/L 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
MEX	REG	AQ	AMBI	MPC	5.0 UG/L IN COASTAL WATERS <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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.3 MG/KG. ADI = 0.01 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	AIR	OCC	MAC CLASS	CLV: 0.3 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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.3 MG/KG. ADI = 0.01 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	FOOD	PESTI	MTC	MEAT PRODUCTS : 1-2 MG/KG (INCL. FENCHLORPHOS 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>Last Amendment</u> : <u>Effective Date</u> : 01MCH1983 <u>Entry / Update</u> : 1992
SWE	REG	FOOD	PESTI	MTC	PLANT (SPECIFIED) : 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
USA	REC	SAFTY USE	OCC OCC	MXL MXL	5000 MG/M3 <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

Common Name : **Fenclorphos**RTECS Number : **TG0525000**CAS Number : **299-84-3**Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 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	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME RONNELTHIS 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 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Fenitrothion**RTECS Number : **TG0350000**CAS Number : **122-14-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD FEED	-	MRL MRL	SPECIFIED MEAT PRODUCTS: 0.005 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 27MC-1969 <u>Last Amendment :</u> ALEYP*,18073,,1969 <u>Entry / Update :</u> MAY1985
BRA	REG	FOOD FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT RSTR CLASS	SPECIFIED PLANT PRODUCTS: 0.05-20 MG/KG (SECURITY INTERVAL: 7-28 DAYS); PASTURE: 1 MG/KG (INTERVAL BETWEEN APPLICATION AND GRAZING: 14 DAYS); PROVISIONAL TOXICITY CLASS: II,III,IV (DEPENDING ON FORMULATION) (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED: USE (SPECIFIED) AUTHORIZED IN FORMULATIONS OF 2-5% (WT/WT) AND 0.1-1.5% (WT/V); FUMIGATION PROHIBITED. <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 RESTRICTED USE AS INSECTICIDE. (FORMULATION: WETTABLE POWDER; LIQUID; SOLUTION; SUSPENSION). CODE FEM. 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	FOOD	-	MRL	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.5 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
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	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.5 - 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

Common Name : **Fenitrothion**RTECS Number : **TG0350000**CAS Number : **122-14-5**

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>
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 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 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	FOOD	PESTI	MRL	<p>FRUIT (SPECIFIED): 2 MG/KG; OTHER PRODUCTS: 0.5 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> : 01JAN1989</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI(TEMPORARY): 0.003 MG/KG BW; MRL (TEMPORARY): RAW WHEAT BRAN: 20 MG/KG; CEREAL GRAINS: 10 MG/KG; WHEAT FLOUR (WHOLEMEAL): 5 MG/KG; PROCESSED WHEAT BRAN: 2 MG/KG; WHEAT FLOUR (WHITE): 1 MG/KG; APPLES, CABBAGE, CABBAGE (RED), CHERRIES, GRAPES, LETTUCE, STRAWBERRIES, TEA (DRIED, GREEN), TOMATOES: 0.5 MG/KG; BREAD (WHITE), LEEKS, ORANGES, RADISHES: 0.2 MG/KG; CAULIFLOWER, COCOA BEANS, EGGPLANTS, PEPPERS. SOYBEANS (DRY): 0.1 MG/KG CUCUMBERS, ONIONS, POTATOES: 0.05 MG/KG; ERL: MEAT (IN CARCASE FAT): 0.05 MG/KG; MILK: 0.002 MG/KG (EXPRESSED AS FENITROTHION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,37-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	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN FENITROTHION 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 FENITROTHION 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>

Common Name : **Fenitrothion**RTECS Number : **TG0350000**CAS Number : **122-14-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 10 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	AQ MANUF	EMI INDST	PRO RSTR	FENITROTHION 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 ON 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. <u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference</u> : GBRSI*,472,,22,1991 <u>Effective Date</u> : 01APR1991 <u>Last Amendment</u> : <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 = 100-48% (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: 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: 0.2 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: 0.02-2.0 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
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.05-0.5 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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-1.0 MG/KG. ADI = 0.003 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 : Fenitrothion

RTECS Number : TG0350000

CAS Number : 122-14-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	AQ	SURF	MAC CLASS	0.25 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	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	AIR	OCC	MAC CLASS	CLV: 0.1 MG/M3 (VAPOUR + 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	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	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	FEED	-	MRL	1.0 MG/KG (DAIRY CATTLE); 2.0 MG/KG (FATTENING CATTLE) <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: 0.1-1.0 MG/KG. ADI = 0.003 MG/KGBW. <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	SOIL	-	MAC	1.0 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
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> PFBK*,,,1991 <u>Last Amendment :</u> <u>Effective Date :</u> **APR1992 <u>Entry / Update :</u> JAN1992

Common Name : Fenitrothion

RTECS Number : TG0350000

CAS Number : 122-14-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
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 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 = 100-48% (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	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, FENITROTHION, 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>
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>

Common Name : Fensulfothion

RTECS Number : TF3850000

CAS Number : 115-90-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.1 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 USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.02-0.1 MG/KG; SECURITY INTERVAL: 60-90 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXICIV = 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>
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.02 MG/KG; SECURITY INTERVAL: 60-90 DAYS (DIFFERENT FOR CERTAIN USES); 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*,,,8,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1992</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 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> : MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED USE ASNEMATICIDE. INSECTICIDE. (FORMULATION: GRANULAR; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE FEL. 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>
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 (STOBERFALL-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>

Common Name : **Fensulfothion**RTECS Number : **TF3850000**CAS Number : **115-90-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.02 MG/KG. APPLIES TO THE SUM OF FENSULFOTHION, FENSULFOTHION OXONE, FENSULFOTHION SULFONE, AND FENSULFOTHION OXONE SULFONE; CALCULATED AS FENSULFOTHION.</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>
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>
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 GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER (S 23); 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).</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 FENSULFOTHION 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>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.0003 MG/KG BW; MRL: MAIZE (GRAIN), ONIONS, POTATOES, SUGAR BEETS, SWEDE (RUTABAGA) ROOTS, TOMATOES: 0.1 MG/KG; PEANUTS (SHELL-FREE BASIS), PINEAPPLES: 0.05 MG/KG; BANANAS, CARCAS MEAT OF CATTLE, GOATS, AND SHEEP (IN CARCASE FAT), EDIBLE OFFAL OF CATTLE, GOATS, AND SHEEP: 0.02 MG/KG (CALCULATED AS SUM OF FENSULFOTHION, ITS OXYGEN ANALOGUE AND THEIR SULPHONES, EXPRESSED AS FENSULFOTHION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,38-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : Fensulfothion

RTECS Number : TF3850000

CAS Number : 115-90-2

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 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 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% (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 REONSABILITES 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: 0.02-0.1 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>
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>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.02-0.05 MG/KG (INCL. FENSULFOTHION 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 : Fensulfothion

RTECS Number : TF3850000

CAS Number : 115-90-2

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% (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	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, FENSULFOTHION, 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. <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	USE SAFTY	PESTI PESTI	RSTR CNTRL	CONCENTRATE SOLUTIONS WITH FENSULFOTHION OF 63% AND GREATER ARE RESTRICTED FOR ALL USES. ALL EMULSIFIABLE CONCENTRATES AND CONCENTRATE SOLUTIONS WITH FENSULFOTHION OF 43% AND GREATER IN COMBINATION WITH DISULFOTON OF 21% AND GREATER ARE RESTRICTED FOR A LL USES. ALL EMULSIFIABLE CONCENTRATES WITH FENSULFOTHION OF 32% AND GREATER IN COMBINATION WITH DISULFOTON OF 32% AND GREATER ARE RESTRICTED FOR ALL USES. GRANULAR FORMULATIONS WITH FENSULFOTHION OF 10% AND GREATER ARE RESTRICTED FOR INDOOR (GREENHOUS E) 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
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, 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	CONCENTRATE SOLUTIONS WITH FENSULFOTHION OF 63% AND GREATER ARE RESTRICTED FOR ALL USES. ALL EMULSIFIABLE CONCENTRATES AND CONCENTRATE SOLUTIONS WITH FENSULFOTHION OF 43% AND GREATER IN COMBINATION WITH DISULFOTON OF 21% AND GREATER ARE RESTRICTED FOR A LL USES. ALL EMULSIFIABLE CONCENTRATES WITH FENSULFOTHION OF 32% AND GREATER IN COMBINATION WITH DISULFOTON OF 32% AND GREATER ARE RESTRICTED FOR ALL USES. GRANULAR FORMULATIONS WITH FENSULFOTHION OF 10% AND GREATER ARE RESTRICTED FOR INDOOR (GREENHOUS E) 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> : CFRUS*,40,152,175,1990 <u>Effective Date</u> : 1978 <u>Last Amendment</u> : FEREAC,43,,5790,1978 <u>Entry / Update</u> : JAN1992

Common Name : Fenthion

RTECS Number : TF9625000

CAS Number : 55-38-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.2 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,,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.05-2 MG/KG; SECURITY INTERVAL: 21-90 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDINGON FORMULATION) (I= MOST TOXIC,IV= LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITTATION: 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	REG	AIR	OCC	TLV	<p>TWA: 0.2 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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, RESTRICTED USE AS ACARICIDE (MITE CONTROL); INSECTICIDE; BIRD TOXICANT. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; PRESSURIZED PRODUCT; SOLUTION; GRANULAR). CODE FET. 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>
DEU	REC	AIR	OCC	MAK	<p>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: 2.0 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION.</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 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>SPECIFIED PLANT PRODUCTS: 0.05 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF FENTHION, FENTHION SULFOXIDE, FENTHION SULFONE, FENTHION OXONE, FENTHION OXONE SULFOXIDE, AND FENTHION OXONE SULFONE; CALCULATED AS FENTHION.</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 : Fenthion

RTECS Number : TF9625000

CAS Number : 55-38-9

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: 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); 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>
FWW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.001 MG/KG BW; MRL: APPLES, CARCASE MEAT (IN CARCASE FAT), CHERRIES, CITRUS FRUIT, LETTUCE, PEACHES, PEARS, STRAWBERRIES: 2 MG/KG; BANANAS, CABBAGE, CAULIFLOWER, OLIVE OIL, OLIVES, PLUMS: 1 MG/KG; GRAPES, PEAS, TOMATOES: 0.5 MG/KG; CITRUS JUICE, SQUASH: 0.2 MG/KG; BEANS, ONIONS, RICE, SWEET POTATOES, WHEAT: 0.1 MG/KG; MILK, POTATOES: 0.05 MG/KG (CALCULATED AS SUM OF FENTHION, ITS OXYGEN ANALOGUE, AND THEIR SULPHOXIDES AND SULPHONES, EXPRESSED AS FENTHION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,39-IV,1986 <u>Entry / Update</u> : APR1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-95% (SOLID) OR 100-38% (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	REC	AIR	OCC	MAC	<p>TWA: 0.2 MG/M3. 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>

Common Name : Fenthion

RTECS Number : TF9625000

CAS Number : 55-38-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS : 0.05 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: 0.2-2.0 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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
MEX	REG	AQ	AMBI	MPC	0.03 UG/L IN COASTAL WATERS <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
MEX	REG	AQ	AMBI	MPC	0.0003 MG/L 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	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: 0.15-0.2 MG/KG. ADI = 0.0005 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	1 UG/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	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 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 MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.15-0.2 MG/KG. ADI = 0.0005 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	PSL	0.3 MG/M3 (VAPOUR + 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

Common Name : Fenthion

RTECS Number : TF9625000

CAS Number : 55-38-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.1-1.0 MG/KG (INCL. FENTHION, ITS SULFOXIDE, AND ITS SULFONE). CEREALS, BRAN AND THEIR PRODUCTS: 0.05-0.1 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>MEAT PRODUCTS : 0.2 MG/KG (INCL. ITS SULFONE AND SULFOXIDE)</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 = 100-95% (SOLID) OR 100-38% (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) 0.2 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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, FENTHION, 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 : Fentin Acetate

RTECS Number : WH6650000

CAS Number : 900-95-8

Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.02-60 MG/KG; SECURITY INTERVAL: 7-45 DAYS; PROVISIONAL TOXICITY CLASS: I, III, IV (DEPENDING ON FORMULATION) (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	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.
<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	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>					
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>					
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 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</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*,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	SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF FENTIN, FENTIN ACETATE, FENTIN CHLORIDE, AND FENTIN HYDROXIDE; CALCULATED AS FENTIN HYDROXIDE.
<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 : Fentin Acetate

RTECS Number : WH6650000

CAS Number : 900-95-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.05 MG/KG; PLANT (SPECIFIED): 0.1-1 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 SALE	PESTI	CLASS 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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); VERY TOXIC BY INHALATION (R 26); IRRITATING TO EYES AND SKIN (R 36/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); 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>
GBR	REG	SALE STORE		RSTR RQR	<p>POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS ARE MADE REGARDING PERSONS TO WHOMTHE POISON MAY BE SOLD AND FOR THE KEEPING OFRECORDS OF SALES. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO FENTIN COMPOUNDS) (GBRSI* 218,1,1,1982 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. (APPLIES TO FENTIN COMPOUNDS) (GBRSI* 218,1,1,1982 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. (APPLIES TO FENTIN COMPOUNDS) (GBRSI* 218,1,1,1982 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	USE	PESTI	PRMT	<p>APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED. (APPLIES TO FENTIN ACETATE WITH MANEB)</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	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 BYA PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER. (APPLIES TO FENTIN COMPOUNDS)</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 : Fentin Acetate

RTECS Number : WH6650000

CAS Number : 900-95-8

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 = 100-62% (SOLID) OR 100-25% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MCOC*,6222,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
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> 27DEC1989 <u>Entry / Update :</u> NOV1991
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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-62% (SOLID) OR 100-25% (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) 0.1 MG/M3, SKIN /TIN ORGANIC COMPOUNDS, AS SN/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=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>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : **Fentin Hydroxide**RTECS Number : **WH8575000**CAS Number : **76-87-9****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.02-0.1 MG/KG; SECURITY INTERVAL: 14-30 DAYS; PROVISIONAL TOXICITY CLASS: I, II, III (DEPENDING ON FORMULATION) (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	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
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: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF FENTIN, FENTIN ACETATE, FENTIN CHLORIDE, AND FENTIN HYDROXIDE; CALCULATED AS FENTIN HYDROXIDE. <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	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): 0.05 MG/KG; PLANT (SPECIFIED): 0.1-1 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 : **Fentin Hydroxide**RTECS Number : **WH8575000**CAS Number : **76-87-9**

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 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 THEREQUIREMENTS LAID DOWN. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206,13,1978 AS LAST AMENDED BY THE REFERENCE GIVEN).</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+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); VERY TOXIC BY INHALATION (R 26); IRRITATING TO EYES AND SKIN (R 36/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); 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>
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. (APPLIES TO FENTIN COMPOUNDS) (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. (APPLIES TO FENTIN COMPOUNDS)</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	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	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. (APPLIES TO FENTIN COMPOUNDS) (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. (APPLIES TO FENTIN COMPOUNDS) (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>
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% (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>

Common Name : **Fentin Hydroxide**RTECS Number : **WH8575000**CAS Number : **76-87-9**Area Type Subject Spec. Description Level / Summary Information :

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>Effective Date</u> : 27DEC1989 <u>Last Amendment</u> : JPNCO*,,,,1990 <u>Entry / Update</u> : NOV1991
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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-54% (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) 0.1 MG/M3, SKIN /TIN ORGANIC COMPOUNDS, AS SN/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	-	RQR PRMT	REGISTRATION STANDARD, TPTH, 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> : FERECAC,54,34,7740,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FERECAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992

Common Name : **Fenuron**RTECS Number : **YT1450000**CAS Number : **101-42-8**

<u>Area</u>	<u>Type</u>	<u>Subject</u>	<u>Spec.</u>	<u>Description</u>	<u>Level / Summary Information :</u>
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
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 1.0 MG/KG; ADI = 0.025 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	SOIL	-	MAC	1.8 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-6,,,1982 <u>Effective Date :</u> JUN1981 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 1.0 MG/KG; ADI = 0.025 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: 3.0 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

Common Name : Fenvalerate

RTECS Number : CY1576350

CAS Number : 51630-58-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-1 MG/KG; SECURITY INTERVAL: 4-30 DAYS; SPECIFIED ANIMAL PRODUCTS: 0.2 MG/KG (LIMITS OF NON-INTENTIONAL RESIDUES); PROVISIONAL TOXICITY CLASS: II,III (DEPENDINON FORMULATION) (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	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE ASINSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATEOR EMULSION, SLOW RELEASE GENERATOR). CODE FEV. 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. <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	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 - 2.0 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	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS: 0.05 MG/KG. MILK, MILK 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

Common Name : Fenvalerate

RTECS Number : CY1576350

CAS Number : 51630-58-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.02 MG/KG BW. MRL: ALFALFA: 20 MG/KG; KALE (COLLARDS), WHEAT BRAN: 10 MG/KG; BRUSSELS SPROUTS, CABBAGE (HEADED), CEREAL GRAINS, KIWI FRUIT, PEACHES: 5 MG/KG; BROCCOLI, CABBAGE, CAULIFLOWER, CELERY, CHERRIES, CITRUS FRUITS, LETTUCE, PEPPERS, POME FRUITS, WHEAT FLOUR (WHOLEMEAL): 2 MG/KG; BEANS (WHOLE GREEN), CARCASE MEAT (FAT), CHINESE CABBAGE, SMALL FRUITS AND BERRIES, TOMATOES: 1 MG/KG; SQUASH, SWEET PEPPERS, WATER MELON, WHEAT FLOUR (WHITE): 0.5 MG/KG; COTTONSEED, CUCUMBER, MELON, NUTS: 0.2 MG/KG; BEANS (WITHOUT POD), COTTONSEED OIL, LEGUME OILSEED, MILK, PEAS (WITHOUT POD), PEANUTS, SOYBEANS, SUN FLOWER SEED, SWEETCORN: 0.1 MG/KG; POTATOES, RADISHES, ROOT AND TUBER, VEGETABLES, SUGAR BEETS: 0.05 MG/KG; MEAT BY-PRODUCTS: 0.02 MG/KG; (LEVELS REFER TO FENVALERATE ALONE - WITHOUT METABOLITES). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FPPPDD,77,,58,1986 <u>Entry / Update :</u> JUL1990
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCT:LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.0015-0.2 MG/KG; ADI = 0.034 MG/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
RUS	REG	AIR	AMBI	MAC	0.02 MG/M3 1X/D 0.01 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	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 PROHIBITED FOR USE ON COVERED GROUND REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC, CUMULATIVE, POWERFUL IRRITANT, CAUSES PARESTHESIA AND ALLERGIC REACTIONS IN WORKERS. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSMUH*,,,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
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-1.0 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>Effective Date :</u> 01JAN1990 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Entry / Update :</u> 1992

Common Name : Ferbam

RTECS Number : NO8750000

CAS Number : 14484-64-1

Area Type Subject Spec. Description Level / Summary Information :

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,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	PLANT 7 MG/KG; DRIED FRUIT 0.1 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	FOOD	-	MXL	APPLES AND PEARS 1 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 USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-7 MG/KG; SECURITY INTERVAL: 7-60 DAYS; TOBACCO: 0.5 MG/KG (SECURITY INTERVAL: 14 DAYS) 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 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 7 PPM (CALCULATED AS ZINEB). 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> 13SPE1979 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
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 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	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS FUNGICIDE (AGRICULTURAL). (FORMULATION: DUST OR POWDER; WETTABLE GRANULES; WETTABLE POWDER; SUSPENSION). CODE FER. 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 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 : **Ferbam**RTECS Number : **NO8750000**CAS Number : **14484-64-1**

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	REC	AIR	OCC	MAK	8H-TWA: 15 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). <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	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. <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	AIR	OCC	OES	8H-TWA: 10 MG/M3. STEL (10 MIN-TWA): 20 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 FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED. (APPLIES TO FERBAM WITH MANGANESE ZINC ETHYLENE BIS DITHIOCARBAMATE) <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
KEN	REG	FOOD	PESTI	MRL	0.1-7.0 MG/KG CALCULATED AS ZINC ETHYLENEBISDITHIOCARBAMATE. <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 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
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.1-1.0 MG/KG (CALCULATED AS THE SUM OF FERBAM, MANCOZEB, MANEB, PROPINEB, THIRAM, ZINEB AND ZIRAM, EXPRESSED AS CS2) <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) 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. <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 : **Ferbam**RTECS Number : **NO8750000**CAS Number : **14484-64-1**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 DIMETHYLDITHIOCARBAMATE 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 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 : Ferric Chloride

RTECS Number : LJ9100000

CAS Number : 7705-08-0

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1773. CLASS (8): CORROSIVE; 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: 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>Effective Date :</u> 06DEC1990					
<u>Last Amendment :</u>					
<u>Entry / Update :</u> OCT1991					
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2582. CLASS (8): CORROSIVE; 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: 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.
<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					
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. (APPLIES TO SOLUTIONS).
<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					
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1773
<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: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO FERRIC CHLORIDE SOLUTION) UN NO.2582
<u>Title :</u>					
<u>Reference :</u>					
<u>Effective Date :</u>					
<u>Last Amendment :</u> IMCOC*,,,10004,1990					
<u>Entry / Update :</u> JAN1991					

Common Name : Ferric Chloride

RTECS Number : LJ910000

CAS Number : 7705-08-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.3 MG/L (CALCULATED AS FE); 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	AMBI	MAC	0.004 MG/M3 AV/D (CALCULATED AS IRON) <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: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO FERRIC CHLORIDE SOLUTION) UN NO.2582 <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). UN NO. 1773 <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) 1 MG/M3 /IRON SOLUBLE SALTS, AS FE/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	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 QUARTS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON 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	TRNSP PACK 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 100 POUNDS/PACKAGE. 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. (APPLIES ALSO TO FERRIC CHLORIDE ANHYDROUS) <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	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>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991

Common Name : Ferric Chloride

RTECS Number : LJ9100000

CAS Number : 7705-08-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	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 SEAM 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	FOOD MANUF STORE PACK	ADDIT	RSTR 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>
USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR 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 : **Ferrous Sulfate**RTECS Number : **NO8510000**CAS Number : **7782-63-0**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FEED	ADDIT	PRMT	<p>IRON MAY BE ADDED AS A TRACE ELEMENT IN THE FORMS OF FERROUS FUMARATE, FERROUS CITRATE HEXAHYDRATE, FERROUS CARBONATE, FERROUS CHLORIDE TETRAHYDRATE, FERRIC CHLORIDE HEXAHYDRATE, FERRIC OXIDE, FERROUS SULPHATE MONOHYDRATE, FERROUS SULFATE HEPTAHYDRATE, FERROUS LACTATE TRIHYDRATE, FERROUS CHELATE OF AMINO ACIDS HYDRATE (EEC NO. E1) 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>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (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.</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 FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME INORGANIC IRON SALTS; 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.</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 : **Fluoranthene**RTECS Number : **LL4025000**CAS Number : **206-44-0**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>
CSK	REG	AQ	DRINK	MAC	<p>40 NG/L (APPLIES TO FLUORANTHENE); 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>
DEU	REG	AQ	DRINK	MPC	<p>FLUORANTHENE, BENZO-(B)-FLUORANTHENE, BENZO-(K)-FLUORANTHENE, BENZO-(A)-PYRENE, BENZO-(GH)-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,,1,2612,1990 <u>Effective Date :</u> 01JAN1991</p> <p><u>Last Amendment :</u> BGZBAD,,1,227,1991 <u>Entry / Update :</u> DEC1991</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>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).</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 0.0002 MG/L (FOR TOTAL POLYCYCLIC AROMATIC HYDROCARBONS), DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.0002 MG/L (FOR TOTAL POLYCYCLIC AROMATIC HYDROCARBONS), OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.001 MG/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.</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	AQ MONIT	DRINK	MPC RQR	<p>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).</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 : Fluoranthene

RTECS Number : LL4025000

CAS Number : 206-44-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	EMI AQ	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	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	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>

Common Name : Fluoride

RTECS Number : LM6290000

CAS Number : 16984-48-8

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 2.5MG/M3 (CALCULATED AS F). <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	MAC GL	MAC: 1.5 MG/L; THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. IT IS RECOMMENDED HOWEVER THAT THE CONCENTRATION OF FLUORIDE BEADJUSTED TO 1.0 MG/L WHICH IS THE OPTIMUM LEVEL FOR THE CONTROL OF DENTAL CARIES. WHERE THE ANNUAL MEAN DAILY MAXIMUM TEMPERATURE IS LESS THAN 10 DEGREES CELSIUS, A CONCENTRATION OF 1.2 MG/L SHOULD BE MAINTAINED. 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; 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: (DISSOLVED) 15.0 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. <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	AS F - TWA: 2.5 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
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE I - TOLERANCE FOR SPECIFIED ANIMAL PRODUCTS: 150-650 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 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> 16JAN1978 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CSK	REG	AQ	DRINK	MAC	1.5MG/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

Common Name : Fluoride

RTECS Number : LM6290000

CAS Number : 16984-48-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	CLASS	-	CLASS	THIS GROUP OF SUBSTANCES IS CLASSIFIED AS POISONS (APPLIES TO FLUORIDES WITH EXCEPT OF ALUMINIUM FLUORIDE AND FLUORIDIC MINERALS, WHICH ARE NOT POISONS). <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	AQ	SURF DRINK	MAC	1.5MG/L (APPLIES TO 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	AIR	OCC	MAC	TWA: 1.0MG/M3; CLV: 5.0MG/M3 (CALCULATED AS F) <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	SURF	MAC	2.4MG/L <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	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO FLUORIDES EXPRESSED AS F) <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	AQ	SURF	CLASS	SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.2MG/L II CLASS: BELOW 0.5MG/L III CLASS: BELOW 1.0MG/L IV CLASS: BELOW 1.5MG/L V CLASS: ABOVE 1.5MG/L (CALCULATED AS F) <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	AIR	OCC	MAK	8H-TWA: 2.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCES WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30MIN-STEL: 12.5 MG/M3; AVERAGE VALUE; 2X/SHIFT. APPLIES TO FLUORIDES (AS FLUORINE). 8H-TWA: 2.5 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANTS. 5MIN-STEL: 5 MG/M3; CEILING VALUE; 8X/SHIFT. APPLIES TO FLUORIDES AND HYDROGEN FLUORIDE WHERE BOTH ARE SIMULTANEOUSLY PRESENT. <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	REC	AQ	GRND	CLASS	FLUORIDES 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
DEU	REC	AIR	OCC	BAT	URINE: 7.0 MG/G CREATININE, AS FLUORIDE. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT. URINE: 4.0 MG/G CREATININE, AS FLUORIDE. SAMPLING TIME: AT THE BEGINNING OF THE NEXT SHIFT. APPLIES TO HYDROGEN FLUORIDE AND INORGANIC FLUORINE COMPOUNDS. <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,,99,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992

Common Name : Fluoride

RTECS Number : LM6290000

CAS Number : 16984-48-8

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	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF FLUORINE AND HIS VAPOROUS OR GASEOUS COMPOUNDS MUST NOT EXCEED 5 MG/M3 (CALCULATED AS HYDROGEN FLUORIDE) 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	AQ	DRINK	MPC	<p>1.5 MG/L (CALCULATED AS F(1-)) CORRESPONDING TO ABOUT 79 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,,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	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	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF IONIC AND ELEMENTAL FLUORINE IN STRAIGHT FEEDINGSTUFFS: 150MG/KG, IN COMPLETE FEEDINGSTUFFS: 150MG/KG AND IN CERTAIN SPECIFIED FEEDINGSTUFFS: 30-2000MG/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> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR FLUORIDES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER : 1.5 MG F/L FOR SIMPLE WATER TREATMENT METHODS. GUIDELINE VALUES : 0.7 - 1 MG F/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS MEMBER STATES SHALL SET STANDARDS AT LEAST ASSTRINGENT 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 AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR FLUORIDES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS MAS (AFTER DISTILLATION IF NECESSARY) AND APPLICATION OF ION SELECTIVE ELECTRODES. 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>

Common Name : Fluoride

RTECS Number : LM6290000

CAS Number : 16984-48-8

Area Type Subject Spec. Description Level / Summary Information :

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 LIMIT THE INTRODUCTION OF FLUORIDES 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 ALL FLUORIDES)</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 AQ MONIT	DRINK DRINK METHD	MAC GL RQR	<p>MAC: 1500UG F/L AT 8-12C AND 700UG F/L AT 25-30C (OF FLUORIDES) (ABSORPTION SPECTROPHOTOMETRY-SPECIFIC ELECTRODE METHOD) 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 WASTE	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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 2.5MG/M3, AS F</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 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 1.5MG/L F, 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>

Common Name : Fluoride

RTECS Number : LM6290000

CAS Number : 16984-48-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>1500UG F/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> : 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>1500UG F/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> : 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	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 FLUORIDE EXPRESSED AS F- 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> : GBR SI*,71,,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2.5MG/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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 2MG/M3 APPLIES TO FLUORIDES INCL. HYDROGEN FLUORIDE, CALCULATED AS F. CLV: 1.7MG/M3 (2PPM) (15MIN-TWA) APPLIES TO HYDROGEN FLUORIDE ALONE.</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	REG	WASTE EXPR IMPRT		RSTR RQR RQR	<p>WASTES HAVING AS CONSTITUENTS INORGANIC FLUORINE COMPOUNDS EXCLUDING CALCIUM FLUORIDE 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) 2.5 MG/M3 /FLUORIDES, AS FL; 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 : Fluoride

RTECS Number : LM6290000

CAS Number : 16984-48-8

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ	DRINK	MPC	<p>4.0 MG/L FOR COMMUNITY WATER SYSTEMS WATER SYSTEMS 40 CFR 141.62. A SECONDARY MAXIMUM CONTAMINATE LEVEL IS 2.0 MG/L 40 CFR 143.3. THIS SECONDARY MCL VALUE THESE LEVELS REPRESENT REASONABLE GOALS FOR DRINKING WATER QUALITY. THE STATES MAY ESTABLISH HIGH ER OR LOWER LEVELS WHICH MAY BE APPROPRIATE DEPENDENT UPON LOCAL CONDITIONS SUCH AS UNAVAILABILITY OF ALTERNATE SOURCE WATERS OR OTHER COMPELLING FACTORS, PROVIDED THAT PUBLIC HEALTH AND WELFARE ARE NOT ADVERSELY AFFECTED.; 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	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>
WHO	REC	AQ	DRINK	GL	<p>1.5 MG/L; CLIMATIC CONDITIONS, VOLUME OF WATER CONSUMED, AND INTAKE FROM OTHER SOURCES SHOULD BE CONSIDERED WHEN SETTING NATIONAL STANDARDS. 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 : Fluorine

RTECS Number : LM6475000

CAS Number : 7782-41-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 2 MG/M3 (1 PPM), 15 MIN - STEL : 4 MG/M3 (2 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: 1 PPM, 2 MG/M3; STEL: 2 PPM, 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".</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.): UN1045. CLASS (2.3): POISON GAS; CLASS (5.1): OXIDIZER. SPECIAL PROVISIONS: 46, 48, 56, 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. (APPLIES ALSO TO FLUORINE COMPRESSED)</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	FOOD	-	MPC	<p>LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 2.5 MG/KG (FOOD, GENERAL); 30-100 MG/KG (SPECIFIED FOOD PRODUCTS); 1.5 MG/L (BEVERAGES, GENERAL); 2.5 MG/L (BEVERAGES, SPECIFIED). (APPLIES ALSO FOR FLUORINE 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	GOODS	-	RSTR MXL	<p>MAXIMUM LIMITS IN COSMETICS: 1.5 MG/G (CALCULATED AS F) (APPLIES TO FLUORINE 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>

Common Name : **Fluorine**RTECS Number : **LM6475000**CAS Number : **7782-41-4**

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) (APPLIES TO FLUORINE AND ITS GASEOUS COMPOUNDS EXPRESSED AS HF)</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: 30 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF FOR CATTLE), 100 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF FOR PIGS), 250-350 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF FOR POULTRY), 10-1200 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	OCC	MAC	<p>TWA: 0.2 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>
DEU	REC	AIR	OCC	MAK	<p>A) 8H-TWA: 0.1 ML/M3 (PPM); 0.2 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT: 5 MIN - STEL: 0.2 ML/M3 (PPM); 0.2 MG/M3; CEILING VALUE; 8X/SHIFT. APPLIES TO FLUORINE. B) 8H-TWA: 2.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCES WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 12.5 MG/M3; AVERAGE VALUE; 2X/SHIFT. APPLIES TO FLUORIDES (AS FLUORINE). C) 8H-TWA: 2.5 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANTS. 5 MIN - STEL: 5 MG/M3; CEILING VALUE; 8X/SHIFT. APPLIES TO FLUORIDES AND HYDROGEN FLUORIDE WHERE BOTH ARE SIMULTANEOUSLY PRESENT.</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: 7.0 MG/G CREATININE, AS FLUORIDE. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT. URINE: 4.0 MG/G CREATININE, AS FLUORIDE. SAMPLING TIME: AT THE BEGINNING OF THE NEXT SHIFT. APPLIES TO HYDROGEN FLUORIDE AND INORGANIC FLUORINE COMPOUNDS.</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	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF FLUORINE AND HIS VAPOROUS OR GASEOUS COMPOUNDS MUST NOT EXCEED 5 MG/M3 (CALCULATED AS HYDROGEN FLUORIDE) 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	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 : Fluorine

RTECS Number : LM6475000

CAS Number : 7782-41-4

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 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	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF FLUORIDES 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 AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR FLUORIDES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER : 1.5 MG F/L FOR SIMPLE WATER TREATMENT METHODS. GUIDELINE VALUES : 0.7 - 1 MG F/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.</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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: MAY CAUSE FIRE (R 7). T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: T+ - VERY TOXIC; MAY CAUSE FIRE (R 7); VERY TOXIC BY INHALATION (R 26); CAUSES SEVERE BURNS (R 35); KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE (S 7/9); 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>
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 INORGANIC FLUORINE COMPOUNDS, EXCLUDING CALCIUM FLUORIDE).</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	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>

Common Name : Fluorine
 RTECS Number : LM6475000

CAS Number : 7782-41-4

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	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. <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	FEED	-	MPC	MAXIMUM PERMITTED LEVELS OF FLUORINE COMPOUNDS IN STRAIGHT FEEDINGSTUFFS: 150 MG/KG; IN CERTAIN SPECIFIED STRAIGHT FEEDINGSTUFFS: 500-2000 MG/KG, IN COMPLETE FEEDINGSTUFFS: 150 MG/KG, IN CERTAIN SPECIFIED COMPLETE FEEDINGSTUFFS: 30-350 MG/KG, IN COMPLEMENTARY FEEDINGSTUFFS: 125 MG/KG AND IN MINERAL FEEDINGSTUFFS: 2000 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> : 01DEC1987 <u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : SEP1987
EEC	REG	AQ	MARIN	RQR	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. <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	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 BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO ALL FLUORIDES) <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) <u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> : <u>Entry / Update</u> : OCT1987 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	MAC: 1500UG F/L AT 8-12C AND 700UG F/L AT 25-30C (OF FLUORIDES) (ABSORPTION SPECTROPHOTOMETRY-SPECIFIC ELECTRODE 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 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. <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) <u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> : <u>Entry / Update</u> : APR1986 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986

Common Name : Fluorine

RTECS Number : LM6475000

CAS Number : 7782-41-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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: 5.0 MG/M3 (APPLIES TO INORGANIC GASEOUS COMPOUNDS OF FLUORINE EXPRESSED AS HYDROGEN FLUORIDE) (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	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF IONIC AND ELEMENTAL FLUORINE IN STRAIGHT FEEDINGSTUFFS: 150 MG/KG. IN COMPLETE FEEDINGSTUFFS: 150 MG/KG AND IN CERTAIN SPECIFIED FEEDINGSTUFFS: 30-2000 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> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : SEP1987</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>A) FOR FLUORINE: STEL (10 MIN-TWA): 1.5 MG/M3 (1 PPM). B) FOR FLUORIDES (AS F): 8H-TWA: 2.5 MG F/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	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	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>

Common Name : Fluorine

RTECS Number : LM6475000

CAS Number : 7782-41-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 FLUORINE 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	FEED SALE USE		MRL RSTR RSTR	<p>THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 30-2000 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> GBRSI*,2840,,1991 <u>Effective Date :</u> 22JAN1992</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 ETC.). SUBSIDIARY RISKS LABEL: OXIDIZING AGENT. (APPLIES TO COMPRESSED FLUORINE). UN NO. 1045</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 ACCORDING TO TOXICITY AND FLAMMABILITY CRITERIA. (APPLIES TO FLUORINE COMPOUNDS USED AS PESTICIDES).</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	AQ	DRINK	MXL	<p>THE CONCENTRATION OF FLUORINE IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 0.8 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	AIR	EMI	MXL	<p>STANDARD VALUE: 1.0-20 MG/N M3 FOR FLOURINE COMPOUNDS (FLUORINE, HYDROGEN FLUORIDE AND SILICON FLUORIDE). VALUE DIFFERS DEPENDING ON TYPE OF FACILITY.</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	EMI	MXL	<p>MAXIMUM LIMIT: 15 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>
KEN	REG	FOOD	-	MXL	<p>SPECIFIED FOOD PRODUCTS: 2-650 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,,409,1978 <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 (1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 4 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>

Common Name : Fluorine

RTECS Number : LM6475000

CAS Number : 7782-41-4

Area	Type	Subject	Spec.	Description	Level / Summary Information
RUS	REG	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 10.0 MG/KG; MEAT PRODUCTS: 2.5 MG/KG; MILK PRODUCTS: 2.5 MG/KG; CEREALS: 2.5 MG/KG; VEGETABLES, FRUITS: 2.5 MG/KG; BEVERAGES: 2.5 MG/KG (APPLIES TO FLUORINE AND ITS COMPOUNDS, CALCULATED AS FLUORINE) <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	AQ	SURF	MAC CLASS	1.5 MG/L (APPLIES TO I AND II CLIMATIC REGION) 1.2 MG/L (APPLIES TO III CLIMATIC REGION); 0.7 MG/L (APPLIES TO IV CLIMATIC REGION); HAZ. 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	AQ	DRINK	MAC	0.7-1.5 MG/L (DEPENDING ON CLIMATIC REGION) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1985 <u>Last Amendment :</u> GOSTS*,2874-82,,,1982 <u>Entry / Update :</u> SEP1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.2 MG/M3 (0.1 PPM); 15 MIN - STEL: 0.5 MG/M3 (0.3 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.). SUBSIDIARY RISKS: 5.1 = OXIDIZING SUBSTANCE AND 6.1 = POISONOUS SUBSTANCE. (APPLIES TO COMPRESSED FLUORINE). UN NO. 1045 <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. PACKING GROUP: ACCORDING TO TOXICITY CRITERIA(APPLIES TO FLUORINE COMPOUNDS). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986
USA	REC	SAFTY USE	OCC OCC	MXL MXL	25 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,116,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,116,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 PPM, 1.6 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 2 PPM, 3.1 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	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 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 : Fluorine

RTECS Number : LM6475000

CAS Number : 7782-41-4

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	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 STOWED IN WELL VENTILATED SPACE AWAY FROM ORGANIC MATERIALS. ALL SHIPMENTS MUST BE LABELED POISON AND 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.</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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500 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> : FERECAC,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 : Folpet

RTECS Number : TI5685000

CAS Number : 133-07-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	PLANT 15-50 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: 2-20 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 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	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS. MRL = 15-30 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	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS FUNGICIDE (AGRICULTURAL); MATERIAL PRESERVATIVE; WOOD PRESERVATIVE. (FORMULATION: WETTABLE POWDER, DUST OR POWDER; SOLUBLE POWDER; PRESSURIZED PRODUCT; SUSPENSION; SOLUTION). CODE FOL. 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	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 2-30 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*,81,,1986 <u>Effective Date :</u> 1JUL1986 <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 - 3.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF CAPTAN AND FOLPET. <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
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>Last Amendment :</u> <u>Effective Date :</u> 15JUN1991 <u>Entry / Update :</u> APR1992

Common Name : **Folpet**RTECS Number : **TI5685000**CAS Number : **133-07-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 2-3 MG/KG. (APPLIES TO THE SUM OF CAPTAN AND FOLPET). <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> : 01JUL1988 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : APR1986
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	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). <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): CURRANTS (FRESH): 30 MG/KG; BLUEBERRIES, GRAPES: 25 MG/KG; STRAWBERRIES: 20 MG/KG; CHERRIES, LETTUCE, RASPBERRIES: 15 MG/KG; APPLES, CITRUS FRUIT: 10 MG/KG; TOMATOES: 5 MG/KG; CANTALOUPE, CUCUMBERS, ONIONS, WATERMELONS: 2 MG/KG (EXPRESSED AS FOLPET) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,41-IV,1986 <u>Entry / Update</u> : APR1991
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 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
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS : 2.0-30 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	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS 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
RUS	REG	AQ	SURF	MAC CLASS	0.04 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	FOOD	-	PRO	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS <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	SOIL	-	PSL	0.3 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : MAY1984 <u>Last Amendment</u> : ODKPP*,3035-84,,1984 <u>Entry / Update</u> : OCT1985
RUS	REG	FOOD	-	PRO	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS <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 : **Folpet**RTECS Number : **TI5685000**CAS Number : **133-07-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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></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>
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. SPECIAL PERMISSION FROM THE SWEDISH BOARD OF AGRICULTURE IS REQUIRED FOR USE OF FOLPET (CLASS 1L).</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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> 1988</p> <p><u>Entry / Update :</u> JAN1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES : 0.1-3.0 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</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,,1989</p> <p><u>Effective Date :</u> 01JAN1990</p> <p><u>Entry / Update :</u> 1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, FOLPET, 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</p> <p><u>Last Amendment :</u> FEREAC,54,34,7740,1989</p> <p><u>Effective Date :</u> 1988</p> <p><u>Entry / Update :</u> JAN1992</p>

Common Name : Fonofos

RTECS Number :

CAS Number : 944-22-9

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,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, RESTRICTED USE AS INSECTICIDE. (FORMULATION: GRANULAR). CODE DYF. 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: 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> : 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 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,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 0.3 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,,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 : **Fonofos**

RTECS Number :

CAS Number : **944-22-9**

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 SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN FONOFOS 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: 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 36/37); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SOPECIFIED 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>
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	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. (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	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	SALE		RSTR	<p>SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF 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>

Common Name : **Fonofos**

RTECS Number :

CAS Number : **944-22-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	SALE		RSTR	<p>POISON WHICH MAY BE SOLD BY LISTED SELLERS OFPART 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>Last Amendment :</u> GBRSI*,1077,,1,1985</p> <p><u>Effective Date :</u> 01JAN*986</p> <p><u>Entry / Update :</u> FEB1986</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 BYA 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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> 1APR1982</p> <p><u>Entry / Update :</u> JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN 100->60% A.I.; II = SUBSTANCE PRESENTINGMEDIUM DANGER WHEN 60->6% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 6-1% A.I. (SOLID) OR 6-0.5% A.I. (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,6222,1990</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS : 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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u></p> <p><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</p> <p><u>Last Amendment :</u> DOMEX*,,,1989</p> <p><u>Effective Date :</u> 28MAY1984</p> <p><u>Entry / Update :</u> DEC1991</p>
RUS	REG	USE	AGRIC	PRO	<p>NOT APPROVED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> OSUMH*,,,</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> AUG1988</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN 100->60% A.I.; II = SUBSTANCE PRESENTINGMEDIUM DANGER WHEN 60->6% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 6-1% A.I. (SOLID) OR 6-0.5% A.I. (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162,1989</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> MAY1986</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</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991</p> <p><u>Effective Date :</u> 1989</p> <p><u>Entry / Update :</u> DEC1991</p>

Common Name : **Fonofos**

RTECS Number :

CAS Number : **944-22-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, FONOFOS, 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>EMULSIFIABLE CONCENTRATES WITH FONOFOS OF 44% AND GREATER ARE RESTRICTED FOR ALL USES. EMULSIFIABLE CONCENTRATES WITH FONOFOS OF 12.6% AND LESS IN COMBINATION WITH PEBULATE OF 50.3 AND LESS ARE UNCLASSIFIED FOR USE ON TOBACCO. 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	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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>EMULSIFIABLE CONCENTRATES WITH FONOFOS OF 44% AND GREATER ARE RESTRICTED FOR ALL USES. EMULSIFIABLE CONCENTRATES WITH FONOFOS OF 12.6% AND LESS IN COMBINATION WITH PEBULATE OF 50.3 AND LESS ARE UNCLASSIFIED FOR USE ON TOBACCO. 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> : CFRUS*,40,152,175,1990 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : FEREAC,43,,5790,1978 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Formaldehyde**RTECS Number : **LP8925000**CAS Number : **50-00-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1.5 MG/M3 (1 PPM); 15 MIN - STEL: 3 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*,24170,1,1,1979 <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: 1.5 MG/M3 (1 PPM), 15 MIN - STEL: 3 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*,24170,1,1,1979 <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>2.3 MG/M3 (1,6 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	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.): UN1198. 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 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. (APPLIES ALSO TO FORMALDEHYDE SOLUTIONS)</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	TRNSP LABEL PACK	-	CLASS RQR	<p>FLASH POINT MORE THAN 61C. PIN (PRODUCT IDENTIFICATION NO.): UN2209. CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 44, 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 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. (APPLIES ALSO TO FORMALDEHYDE SOLUTIONS)</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 : **Formaldehyde**RTECS Number : **LP8925000**CAS Number : **50-00-0**

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 COMMERCIAL USE AS HARD-SURFACE DISINFECTANT; FUNGICIDE (AGRICULTURAL); NEMATICIDE. (FORMULATION: DUST OR POWDER; SOLUTION). CODE FOR 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: 1 PPM, 1.5 MG/M3; STEL: 2 PPM, 3 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".</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	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>
CSK	REG	FEED USE	ADDIT ADDIT	MXL PRMT	<p>MXL: 1.0 G/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	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	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT IN WATER EXTRACT OF THE FINAL PRODUCTS: 0.1 MG/DM2 OF SURFACE.</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	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	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 : **Formaldehyde**RTECS Number : **LP8925000**CAS Number : **50-00-0**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 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: 0.5 ML/M3 (PPM); 0.6 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 1.0 ML/M3 (PPM); 1.2 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF SENSITIZATION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. 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>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH FORMALDEHYDE (>= 50 % BY WEIGHT) IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH FORMALDEHYDE (>= 50 % BY WEIGHT) 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 FORMALDEHYDE (>= 50 % BY WEIGHT) 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 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> : 01MCH-1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	SALE	-	RSTR	<p>COATED OR UNCOATED WOOD MATERIALS (PARTICLE BOARDS, CARPENTER BOARDS, VENEER BOARDS, FIBER BOARDS) MAY NOT BE MARKETED IF THE EQUILIBRIUM CONCENTRATION OF FORMALDEHYDE CAUSED BY THE WOOD MATERIAL EXCEEDS 0.1 ML/M3 (PPM) IN THE AIR OF A TEST ROOM. FURNITURE MAY NOT BE MARKETED IF THEY CONTAIN WOOD MATERIAL WHICH DOES NOT SATISFY THE ABOVE MENTIONED REQUIREMENTS OR IF THE EQUILIBRIUM CONCENTRATION IS EXCEEDED WHEN THE WHOLE PIECE WAS TESTED. DETERGENTS, CLEANING AGENTS AND CARING AGENTS WITH A MASS CONTENT OF MORE THAN 0.2 % OF FORMALDEHYDE MAY NOT BE MARKETED. THIS DOES NOT APPLY FOR INDUSTRIAL CLEANING AGENTS.</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	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 : **Formaldehyde**RTECS Number : **LP8925000**CAS Number : **50-00-0**

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. (APPLIES TO FORMALDEHYDE AT CONCENTRATIONS EQUAL OR ABOVE 90%)</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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). C - CORROSIVE; CAUSES BURNS (R 34). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); CAUSES BURNS (R 34); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); MAY CAUSE SENSITIZATION BY CONTACT WITH SKIN (R 43); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44); USE ONLY IN WELL-VENTILATED AREAS (S 51). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); CAUSES BURNS (R 34); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); MAY CAUSE SENSITIZATION BY CONTACT WITH SKIN (R 43). FROM 5% TO 25%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 1% TO 5%: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). THE PERCENTAGE CONCENTRATION MUST BE STATED ON THE LABEL. IF THE SUBSTANCE IS IN A NON-STABILIZED FORM, IT MUST BE STATED ON THE LABEL BY THE WORDS 'NON- STABILIZED' AFTER THE SUBSTANCE NAME.</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	FEED	ADDIT	PRMT	<p>SORBIC ACID MAY BE ADDED AS A PRESERVATIVE (EEC NO E200) 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	FOOD	ADDIT	PRMT	<p>FORMALDEHYDE MAY UNDER CERTAIN CONDITIONS, AND IN GRANO PADANO CHEESE ONLY, 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>
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 : **Formaldehyde**RTECS Number : **LP8925000**CAS Number : **50-00-0****Area Type Subject Spec. Description Level / Summary Information :**

GBR	REG	SAFTY STORE	INDST	RQR RQR	FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 5 TONNES (CONCENTRATION = >90%), 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 (CONCENTRATION = >90%), 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). <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> 1992
GBR	REG	FOOD		MAC	MAY BE CONTAINED IN THE PERMITTED MISCELLANEOUS FOOD ADDITIVE IN ANY PROPORTION NOT EXCEEDING 1000 MG/KG. 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,,6,1989 <u>Effective Date :</u> 27APR1989 <u>Last Amendment :</u> GBRSI*,2287,,1989 <u>Entry / Update :</u> 1992
GBR	REG	SAFTY STORE	INDST	RQR RQR	ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE FORMALDEHYDE (CONCENTRATION >= 90%) (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). <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
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : OTHER HAZARDOUS SUBSTANCE. EMERGENCY ACTION CODE : 2T (APPLIES TO SOLUTIONS WITH A FLASH POINT ABOVE 60.5C) <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 LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2SE (APPLIES TO SOLUTIONS WITH A FLASH POINT BELOW 60.5C) <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 RSTR RSTR	CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO SOLUTIONS OR 45% OR LESS). <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	MEL	8H-TWA: 2.5 MG/M3 (2 PPM); STEL (10 MIN-TWA): 2.5 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

Common Name : **Formaldehyde**RTECS Number : **LP8925000**CAS Number : **50-00-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO FORMALDEHYDE SOLUTIONS WITH A FLASHPOINT ABOVE 61 C). UN NO. 2209 <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 SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO FORMALDEHYDE SOLUTIONS WITH A FLASHPOINT ABOVE 61 C). UN NO. 2209 <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. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1198 <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	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 5T. (APPLIES TO FORMALDEHYDE <=90% CONCENTRATION) <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: 0.61 MG/M3 (0.5 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
JPN	REG	GOODS	CONSM	MXL	1) SHOULD NOT BE DETECTED (AS MEASURED BY ACETYLACETONE-METHOD) IN TEXTILE PRODUCTS (DIAPERS, DIAPER COVERS, BIBS, UNDERWEAR, MIDDLE-WEAR, OUTER-WEAR, NIGHTCLOTHES, GLOVES, HOSIERY, CAPS AND HATS, AND BEDDING) INTENDED FOR INFANTS LESS THAN 24-MONTHS OLD. 2) THERE SHOULD BE LESS THAN 75 PPM (75UG/G) (AS MEASURED BY ACETYLACETONE METHOD) IN TEXTILE PRODUCTS (UNDERWEAR, NIGHT CLOTHES, GLOVES, HOSIERY, AND JAPANESE SOCKS) AND IN ADHESIVES IN WIGS, FALSE EYELASHES, FALSE MOUSTACHES AND GARTERS. <u>Title :</u> LAW FOR THE CONTROL OF HOUSEHOLD PRODUCTS CONTAINING HARMFUL SUBSTANCES <u>Reference :</u> CHPHS*,,,1974 <u>Last Amendment :</u> CHPHS*,,,1975 <u>Effective Date :</u> 01OCT1975 <u>Entry / Update :</u> NOV1991

Common Name : **Formaldehyde**RTECS Number : **LP8925000**CAS Number : **50-00-0**

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 CONCENTRATION OF 3 MG/M3 (2 PPM) 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>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 0.25 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	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE 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 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	SOIL	-	MAC	<p>7.0 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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 0.5 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>0.035 MG/M3 1X/D; 0.003 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>0.05 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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.6 MG/M3 (0.5 PPM); CLV: 1.2 MG/M3 (1 PPM) (15 MIN -TWA). 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID (APPLIES TO INFLAMMABLE FORMALDEHYDE SOLUTIONS). UN NO.1198.</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 : **Formaldehyde**

RTECS Number : **LP8925000**

CAS Number : **50-00-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID (APPLIES TO INFLAMMABLE FORMALDEHYDE SOLUTIONS). UN NO.1198. <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: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO FORMALDEHYDE SOLUTIONS) UN NO.2209. <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) 1.0 PPM, 1.2 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 2 PPM, 2.5 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	30 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,116,1990 <u>Last Amendment :</u> XPHPAW,90,117,116,1990 <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> 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	USE FOOD STORE MANUF PACK	- ADDIT	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 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> FEREC,42,,14554,1977 <u>Last Amendment :</u> CFRUS*,21,176,180,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991
USA	REG	FOOD TRANS 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> FEREC,42,,14534,1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991

Common Name : **Formaldehyde**RTECS Number : **LP8925000**CAS Number : **50-00-0**

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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, FORMALDEHYDE, 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	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	SAFTY STORE	INDST INDST	RQR RQR	<p>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.</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	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 : **Formaldehyde**

RTECS Number : LP8925000

CAS Number : 50-00-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>FOR USE ONLY AS PRESERVATIVE FOR COATING FORMULATIONS. 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>
WHO	REC	AQ	DRINK	GL	<p>900 UG/L.</p> <p><u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference :</u> WHODW*, 1, 1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> WHODW*, 1, 1992 <u>Entry / Update :</u> OCT1992</p>

Common Name : **Formamide**RTECS Number : **LQ0525000**CAS Number : **75-12-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 15 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,,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	AIR	OCC	TLV	<p>TWA: 20 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>
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 (20 PPM). STEL (10 MIN-TWA): 45 MG/M3 (30 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>
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 (20 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 45 MG/M3 (30 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>0.03 MG/M3 AV/D</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> NOV1989</p> <p><u>Last Amendment :</u> PDKAV*,5158-89,,1989 <u>Entry / Update :</u> JUL1990</p>

Common Name : **Formamide**RTECS Number : **LQ0525000**CAS Number : **75-12-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 3.0 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
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 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. <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> 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	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 <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	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>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Effective Date :</u> 1982 <u>Entry / Update :</u> OCT1991

Common Name : **Formetanate**

RTECS Number :

CAS Number : **22259-30-9**

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,,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.

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: 0.5 - 4.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG.

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

EEC REG CLASS LABEL PACK - CLASS RQR RQR

CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); KEEP LOCKED UP (S 1); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).

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

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

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

IMO REC TRNSP LABEL PACK MARIN CLASS

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->40% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 40-10% A.I. (SOLID) OR 40-4% A.I. (LIQUID).

Title :

Reference : Effective Date :

Last Amendment : IMCOC*,,,6222,1990 Entry / Update : JAN1991

UN REC TRNSP LABEL PACK - CLASS

HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->40% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 40-10% A.I. (SOLID) OR 40-4% A.I. (LIQUID).

Title :

Reference : Effective Date :

Last Amendment : UNTDG*,,,162,1989 Entry / Update : MAY1986

Common Name : Formic Acid

RTECS Number : LQ4900000

CAS Number : 64-18-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 9 MG/M3 (5 PPM). 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: 5 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> 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.): UN1779. 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 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	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 FORMIC 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 THE MANNER 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 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	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE PLASTIC MATERIALS: 10 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>

Common Name : **Formic Acid**RTECS Number : **LQ4900000**CAS Number : **64-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MPC	LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.8-2.5G/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	AIR	OCC	MAK	8H-TWA: 5 ML/M3 (PPM); 9 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 ML/M3 (PPM); 18 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 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 WASSERGEFAHRDENE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
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	CLASS LABEL PACK	-	CLASS RQR	RQR CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE BEC (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: C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: C - CORROSIVE; 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 10% TO 90%: C - CORROSIVE; CAUSES BURNS (R 34). FROM 2% TO 10%: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). THE PERCENTAGE CONCENTRATION 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

Common Name : **Formic Acid**RTECS Number : **LQ490000**CAS Number : **64-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	ADDIT	PRMT	<p>FORMIC ACID (E236) 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>Title : 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>Reference : OJEC**,12,,161/64,1964 Effective Date : 1JAN1988</p> <p>Last Amendment : OJEC**,L352,,45,1986 Entry / Update : OCT1987</p>
EEC	REG	FEED	ADDIT	PRMT	<p>FORMIC ACID MAY BE ADDED AS A PRESERVATIVE (EEC NO E236) 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>Title : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p>Reference : OJEC**,L270,,1,1970 Effective Date : 1DEC1987</p> <p>Last Amendment : OJEC**,L334,,62,1991 Entry / Update : SEP1987</p>
EEC	REG	AIR	OCC	ILV	<p>9 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.</p> <p>Title : 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>Reference : OJEC**,L177,,22,1991 Effective Date : 31DEC1993</p> <p>Last Amendment : Entry / Update : MAY1992</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 FORMIC ACID AND ITS NH₄, CA, MG, NA AND K SALTS: 2 MG/DM².</p> <p>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).</p> <p>Reference : OJEC**,L123,,31,1983 Effective Date : 01APR1987</p> <p>Last Amendment : OJEC**,L228,,32,1986 Entry / Update : OCT1987</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 9 MG/M3 (5 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	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>Title : THE POISONS LIST ORDER 1982</p> <p>Reference : GBRSI*,217,,1,1982 Effective Date : 1APR1982</p> <p>Last Amendment : Entry / Update : 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>Title : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p>Reference : GBRSI*,551,,15,1987 Effective Date : 06APR1987</p> <p>Last Amendment : GBRSI*,2604,,2,1990 Entry / Update : 1992</p>

Common Name : **Formic Acid**RTECS Number : **LQ4900000**CAS Number : **64-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE : 2R</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRS*,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. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1779</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: 9.4 MG/M3 (5 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 9 MG/M3 (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 : 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	PSL	<p>0.2 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>3.5 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	FOOD	-	PRO	<p>PESTICIDE IS PROHIBITED IN SPECIFIED FOOD PRODUCTS.</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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 5 MG/M3 (3 PPM); 15 MIN - STEL: 9 MG/M3 (5 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: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1779</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 : **Formic Acid**RTECS Number : **LQ4900000**CAS Number : **64-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 PPM, 9.4 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,90,117,118,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,118,1990 <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 5 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. FOR VESSEL TRANSPORTATION GLASS CARBOYS IN HAMPERS NOT PERMITTED 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.</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>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> 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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>CORROSIVE 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> 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>
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 : Formothion

RTECS Number : TE1050000

CAS Number : 2540-82-1

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 PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.2 MG/KG; SECURITY INTERVAL: 30 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (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
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
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	SPECIFIED PLANT PRODUCTS: 0.1 - 0.2 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
EEC	REG	FOOD	PESTI	MRL	SPECIFIED FRUIT: 0,2 MG/KG; OTHER PRODUCTS: 0,1 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> : 01JAN1989 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982
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
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

Common Name : **Formothion**RTECS Number : **TE1050000**CAS Number : **2540-82-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.02 MG/KG BW; MRL: CITRUS FRUIT: 0.2 MG/KG (EXPRESSED AS FORMOTHION) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIII,,42-IV,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991
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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> 1983
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05-2.0 MG/KG FOOD (FROM USE OF FORMOTHION, DIMETHOATE AND OMETHOATE, EXPRESSED AS OMETHOATE). 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
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>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 A1 = 100-65% (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: 0.3-2.0 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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.2 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 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	FEED	-	MRL	2.0MG/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

Common Name : **Formothion**RTECS Number : **TE1050000**CAS Number : **2540-82-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.04-0.25MG/KG. ADI = 0.02MG/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 CLASS	4 UG/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 + 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	AIR	AMBI	MAC	0.01MG/M3 1X/D, 0.01MG/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	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.1-0.2 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-65% (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=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. <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 : Freon 11

RTECS Number : PB6125000

CAS Number : 75-69-4

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 5600 MG/M3 (1000 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	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: CEILING LIMIT - 1,000 PPM, 5,600 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	MANUF EXPRT IMPRT	EMI	RSTR	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. <u>Title :</u> <u>Reference :</u> CAGAAK,123,15,3425,1989 <u>Effective Date :</u> 29JUN1989 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	EXPRT MANUF SALE IMPRT	EMI	PRO RSTR	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 DEPARTMENT 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. <u>Title :</u> <u>Reference :</u> CAGAAK,124,19,3750,1990 <u>Effective Date :</u> 28AUG1990 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991

Common Name : Freon 11

RTECS Number : PB6125000

CAS Number : 75-69-4

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 CHLOROFLUOROCARBONS)</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)</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 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: 1000 ML/M3 (PPM); 5600 MG/M3 (20C, 101.3 KPA). SUBSTANCE ELICITING VERY WEAK EFFECTS. 60 MIN- STEL: 2000 ML/M3 (PPM); 11200 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. VAPOUR PRESSURE: 88.9 KPA AT 20C.</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>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>
DEU	REG	SALE 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 FLUOROCHLOROHYDROCARBON" (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 FLUOROCHLOROHYDROCARBONS (FKW-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>

Common Name : Freon 11

RTECS Number : PB6125000

CAS Number : 75-69-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	USE	INDST	PRO	<p>NO FURTHER HIGHLY VOLATILE HYDROCARBONS THAN TETRACHLOROETHENE, TRICHLOROETHENE, OR DICHLOROMETHANE MAY BE USED AS A SOLVENT IN SURFACE TREATMENT PLANTS, DRY CLEANING ESTABLISHMENTS, TEXTILE FINISHING PLANTS, AND EXTRACTION PLANTS. FOR ALREADY ESTABLISHED PLANTS TRICHLOROFLUOROMETHANE MAY BE USED UNTIL DECEMBER 1992.</p> <p><u>Title :</u> ORDINANCE ON THE LIMITING OF EMISSIONS OF HIGHLY VOLATILE HALOGENATED HYDROCARBONS (VERORDNUNG ZUR EMISSIONSBEGRENZUNG VON LEICHTFLUECHTIGEN HALOGENKOHLENWASSERSTOFFEN - 2. BIMSCHV)</p> <p><u>Reference :</u> BGZBAD,,I,2694,1990 <u>Effective Date :</u> 01MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,I,1218,1991 <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>
EEC	REG	MANUF	-	RSTR	<p>PROVISION FOR ZERO GROWTH IN PRODUCTION CAPACITY AND A REDUCTION IN THE USE OF CHLOROFLUOROCARBONS F-11 AND F-12 IN THE FILLING OF AEROSOL CANS, AS WELL AS A REDUCTION IN CHLOROFLUOROCARBON LOSSES AND DEVELOPMENT OF THE BEST PRACTICABLE TECHNOLOGIES IN ORDER TO LIMIT EMISSIONS IN THE SYNTHETIC FOAM, REFRIGERATION AND SOLVENT SECTORS</p> <p><u>Title :</u> COUNCIL DECISION OF 15 NOVEMBER 1982 ON THE CONSOLIDATION OF PRECAUTIONARY MEASURES CONCERNING CHLOROFLUOROCARBONS IN THE ENVIRONMENT. (82/795/EEC).</p> <p><u>Reference :</u> OJEC**,L329,,29,1982 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1986</p>
EEC	REG	IMPRT EXPRT MANUF USE	- - - CONSM	RSTR RSTR RSTR	<p>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.</p> <p><u>Title :</u> COUNCIL REGULATION (EEC) NO 3322/88 OF 14 OCTOBER 1988 ON CERTAIN CHLOROFLUOROCARBONS AND HALONS WHICH DEplete THE OZONE LAYER.</p> <p><u>Reference :</u> OJEC**,L297,,1,1988 <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 5600 MG/M3 (1000 PPM). STEL (10 MIN-TWA): 7000 MG/M3 (1250 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 : Freon 11

RTECS Number : PB6125000

CAS Number : 75-69-4

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	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 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
JPN	REC	AIR	OCC	MAC	TWA: 5600 MG/M3 (1000 PPM). 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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5600 MG/M3 (1000 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 7000 MG/M3 (1250 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	100 MG/M3 1X/D, 10 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: 1000.0 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
SWE	REG	AIR	OCC	HLV	1D-TWA: 3000 MG/M3 (500 PPM); 15 MIN - STEL: 4500 MG/M3 (750 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
USA	REC	SAFTY USE	OCC OCC	MXL MXL	10000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,116,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,116,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	CEILING LIMIT 1000 PPM, 5620 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 : Freon 11

RTECS Number : PB6125000

CAS Number : 75-69-4

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> : 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>
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>
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>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> : FEREC,53,,1892,1988 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREC,56,,1473,1991 <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	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> : FEREC,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 FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME FREONS *; 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.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D</p> <p><u>Reference</u> : FEREC,54,204,43388,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : FEREC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Freon 12

RTECS Number : PA8200000

CAS Number : 75-71-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA : 4950 MG/M3 (1000 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,,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	AIR	OCC	TLV	TWA: 1,000 PPM, 4,950 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> AUG1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1028. 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 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	MANUF EXPRT IMPRT	EMI	RSTR	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 OUTIN 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. <u>Title :</u> <u>Reference :</u> CAGAAK,123,15,3425,1989 <u>Effective Date :</u> 29JUN1989 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	EXPRT MANUF SALE IMPRT	EMI	PRO RSTR	1) NO PERSON SHALL MANUFACTURE, IMPORT, OFFERFOR SALE OR SELL A) 10 KG OR LESS OF THIS CHLOROFLUOROCARBON IN A PRESSURIZED CONTAINER; OR B) ANY PRODUCT IN A PRESSURIZEDCONTAINER THAT CONTAINS 10 KG OR LESS OF THISCHLOROFLUOROCARBON. 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 UNDERTHE 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. <u>Title :</u> <u>Reference :</u> CAGAAK,124,19,3750,1990 <u>Effective Date :</u> 28AUG1990 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991

Common Name : Freon 12

RTECS Number : PA8200000

CAS Number : 75-71-8

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 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 CHLOROFLUOROCARBONS)</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)</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: 1000 ML/M3 (PPM); 5000 MG/M3 (20C, 101.3 KPA). SUBSTANCE ELICITING VERY WEAK EFFECTS. 60 MIN- STEL: 2000 ML/M3 (PPM); 10000 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.</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 FLUOROCHLOROHYDROCARBON" (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 FLUROCHLOROHYDROCARBONS (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	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 : Freon 12

RTECS Number : PA8200000

CAS Number : 75-71-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
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	MANUF	-	RSTR	PROVISION FOR ZERO GROWTH IN PRODUCTION CAPACITY AND A REDUCTION IN THE USE OF CHLOROFLUOROCARBONS F-11 AND F-12 IN THE FILLING OF AEROSOL CANS, AS WELL AS A REDUCTION IN CHLOROFLUOROCARBON LOSSES AND DEVELOPMENT OF THE BEST PRACTICABLE TECHNOLOGIES IN ORDER TO LIMIT EMISSIONS IN THE SYNTHETIC FOAM, REFRIGERATION AND SOLVENT SECTORS <u>Title</u> : COUNCIL DECISION OF 15 NOVEMBER 1982 ON THE CONSOLIDATION OF PRECAUTIONARY MEASURES CONCERNING CHLOROFLUOROCARBONS IN THE ENVIRONMENT. (82/795/EEC). <u>Reference</u> : OJEC**,L329,,29,1982 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	IMPRT EXPRT 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: 4950 MG/M3 (1000 PPM). STEL (10 MIN-TWA): 6200 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> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE WITH APPROX. 74 PERCENT DICHLORODIFLUOROMETHANE). UN NO. 2602 <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: 2 = GAS (COMPRESSED ETC.). (APPLIES TO DICHLORODIFLUOROMETHANE AND ETHYLENE OXIDE MIXTURES WITH NOT MORE THAN 12 % ETHYLENE OXIDE). UN NO. 3070 <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991

Common Name : Freon 12

RTECS Number : PA8200000

CAS Number : 75-71-8

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 CHLOROFLUOROCARBONS)</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: 2500 MG/M3 (500 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 4950 MG/M3 (1000 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 6200 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	AIR	OCC	MAC CLASS	<p>CLV: 3000.0 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	AQ	SURF	MAC CLASS	<p>10.0 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	AMBI	MAC	<p>100 MG/M3 IX/D, 10 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: 2500 MG/M3 (500 PPM); 15 MIN - STEL: 4000 MG/M3 (750 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: 2 = GAS (COMPRESSED ETC.). (APPLIES TO DICHLORODIFLUOROMETHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE WITH APPROX. 74 PERCENT DICHLORODIFLUOROMETHANE). UN NO. 2602</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 : Freon 12

RTECS Number : PA8200000

CAS Number : 75-71-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC). UN NO. 1028 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> DEC1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO DICHLORODIFLUJOMETHANE AND ETHYLENE OXIDE MIXTURES WITH NOT MORE THAN 12 PERCENT ETHYLENE OXIDE). UN NO. 3070 <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	50000 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) 1000 PPM, 4950 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	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	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>Last Amendment :</u> FEREAC,56,,1473,1991 <u>Effective Date :</u> 1988 <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>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : Freon 12

RTECS Number : PA8200000

CAS Number : 75-71-8

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	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME FREONS *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.</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	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	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>

Common Name : Furfural

RTECS Number : LT7000000

CAS Number : 98-01-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 8 MG/M3 (2 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,122,2,551,1988 <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.): UN1199. CLASS (3.3): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 89, 109. PACKING GROUP III, (1=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.</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: 2 PPM, 8 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	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 : 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 20 MG/M3 (20C, 101.3 KPA). DANGER OF CUTANEOUS ABSORPTION.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSSTOFFTOLERANZWERTE)</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 : **Furfural**RTECS Number : **LT7000000**CAS Number : **98-01-1****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>
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,,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 BY INHALATION AND IF SWALLOWED (R 23/25). LABEL: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); AVOID CONTACT WITH SKIN AND EYES (S 24/25); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). FROM 1% TO 5%: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22).</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	AIR	OCC	OES	<p>8H-TWA: 8 MG/M3 (2 PPM) - 10 MIN- STEL: 40 MG/M3 (10 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 : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2W</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 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>

Common Name : Furfural

RTECS Number : LT7000000

CAS Number : 98-01-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 8 MG/M3 (2 PPM). STEL (10 MIN-TWA): 40 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.1199. <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: 9.8 MG/M3 (2.5 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 8 MG/M3 (2 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 40 MG/M3 (10 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 : 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	MAC	0.05 MG/M3 1X/D. 0.05 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	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
SWE	REG	AIR	OCC	HLV	1D-TWA: 8 MG/M3 (2 PPM), 15 MIN - STEL: 20 MG/M3 (5 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.1199. <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, 7.9 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 : **Furfural**RTECS Number : **LT7000000**CAS Number : **98-01-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	250 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,118,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,118,1990 <u>Entry / Update</u> : OCT1991
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAIL CAR. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN 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
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> : FEREC,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 AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME FURFURAL 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> : FEREC,54,100,22706,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992
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> : FEREC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992

Common Name : **Furfural**RTECS Number : **LT7000000**CAS Number : **98-01-1****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	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	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 : Furfuryl Alcohol

RTECS Number : LU9100000

CAS Number : 98-00-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 40 MG/M3 (10 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,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: 10 PPM, 40 MG/M3; STEL: 15 PPM, 60 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> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2874. 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,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
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
DEU	REC	AIR	OCC	MAK	8H-TWA: 50 ML/M3 (PPM); 200 MG/M3 (20C, 101.3 KPA). <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 : Furfuryl Alcohol

RTECS Number : LU910000

CAS Number : 98-00-0

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>
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: 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: 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 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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 20 MG/M3 (5 PPM). STEL (10 MIN-TWA): 60 MG/M3 (15 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2874.</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: 20 MG/M3 (5 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 : **Furfuryl Alcohol**RTECS Number : **LU9100000**CAS Number : **98-00-0**

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 40 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 60 MG/M3 (15 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF A 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	PSL CLASS	<p>0.6 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	PSL	<p>0.01 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: 0.5MG/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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 20 MG/M3 (5 PPM); 15 MIN - STEL: 40 MG/M3 (10 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. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2874.</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>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 10 PPM, 40 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 15 PPM, 60 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	REC	SAFTY USE	OCC OCC	MXL MXL	<p>250 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,118,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,118,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Glyphosate**RTECS Number : **MC1075000**CAS Number : **1071-83-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-1 MG/KG; SECURITY INTERVAL: 15-30 DAYS (DIFFERENT FOR CERTAIN USES); 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 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	REC	AQ	DRINK	GL MAC	INTERIM MAXIMUM ACCEPTABLE CONCENTRATION (IMAC): 0.28 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	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING, RESTRICTED USE AS HERBICIDE. (FORMULATION: SOLUTION). APPLIES TO GLYPHOSATE PRESENT AS ISOPROPYLAMINE SALT. CODE GPS. 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>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 - 80.0 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,,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 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
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

Common Name : **Glyphosate**RTECS Number : **MC1075000**CAS Number : **1071-83-6**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>Effective Date</u> : 1JAN1986
					<u>Last Amendment</u> :	SCHSB*,1986-90,,,1987	<u>Entry / Update</u> : NOV1987
RUS	REG	SOIL	-	MAC	0.5 MG/KG		
					<u>Title</u> :		
					<u>Reference</u> :		<u>Effective Date</u> : MAY1984
					<u>Last Amendment</u> :	PDKPP*,3034-84,,,1984	<u>Entry / Update</u> : OCT1985

Common Name : HCB

RTECS Number : DA2975000

CAS Number : 118-74-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	BRAN OF WHEAT: 0.03 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,46,,1973 <u>Effective Date :</u> 30MCH1973 <u>Entry / Update :</u> 1982
ARG	REG	USE	-	PRO	PROHIBITED AS EXTERNAL PARASITICIDE <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADECA*,2143,,1968 <u>Effective Date :</u> 30APR1968 <u>Entry / Update :</u> 1982
ARG	REG	MANUF	-	RQR	ADDITION OF RODAMIN TO HCB (4:15) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,35,,1972 <u>Effective Date :</u> 20MCH1972 <u>Entry / Update :</u> 1982
ARG	REG	USE	-	PRO	FUNGICIDES AND SEED DRESSINGS FORMULATED WITH HEXACHLOROBENZENE DECLARED TO BE OF PUBLIC UTILITY AND SUBJECT TO EXPROPRIATION. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYA*,20316,, <u>Effective Date :</u> 11MAY1973 <u>Entry / Update :</u> 1982
ARG	REG	FOOD	-	MXL	CRUDE CEREALS: 0.05 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ARESA*,459,,1976 <u>Effective Date :</u> 8NOV1976 <u>Entry / Update :</u> 1982
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	USE	-	PRO	PROHIBITED FOR USE AS SCABICIDE IN SHEEP IN CERTAIN PARTS OF THE PROVINCE OF BUENOS AIRES <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ARESA*,21,,1963 <u>Effective Date :</u> 19MCH1963 <u>Entry / Update :</u> 1982
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: 0.0005 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>Last Amendment :</u> <u>Effective Date :</u> AUG1989 <u>Entry / Update :</u> DEC1991

Common Name : HCB

RTECS Number : DA2975000

CAS Number : 118-74-1

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2729. 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>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	AQ	DRINK	MAC	10NG/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	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.5 MG/KG (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
CSK	REG	AIR	OCC	MAC	TWA: 1.0 MG/M3, CLV: 2.0 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	FEED	-	MXL	MXL: 0.05 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.05-0.5 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	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

Common Name : HCB

RTECS Number : DA2975000

CAS Number : 118-74-1

Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AIR	OCC	BAT	PLASMA/SERUM: 150 UG/L. SAMPLING TIME: NOT FIXED. <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,,99,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992
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
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: 0.05 - 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,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 0.2 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 0.25 MG/KG LIPID WEIGHT. FISH, CRUSTACEAN, MOLLUSCA, AND THEIR PRODUCTS: 0.5 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.3 MG/KG WET WEIGHT. <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	GOODS	PESTI	MRL	TOBACCO: 0.3 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	0,01-0,2 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,01 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK. <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

Common Name : HCB

RTECS Number : DA2975000

CAS Number : 118-74-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.01 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	AQ MONIT	EMI INDST	MXL RQR	<p>LIMIT VALUES FOR EMISSION STANDARDS FROM INDUSTRIAL PLANTS INTO THE AQUATIC ENVIRONMENT: 1. HCB PRODUCTION AND PROCESSING (VALUES REFER TO : HCB/TONNE OF HCB PRODUCTION CAPACITY: 10 G (MONTHLY), 20 G (DAILY) ;CONCENTRATION: 1 MG/L (MONTHLY); 2 MG/L (DAILY). 2. PRODUCTION OF PERCHLOROETHYLENE (PER) AND CARBON TETRACHLORIDE (CCL4) BY PERCHLORINATION: HCB/TONNE OF TOTAL PRODUCTION CAPACITY OF PER + CCL4: 1,5 G (MONTHLY); 3 G (DAILY). CONCENTRATION: 1,5 MG/L (MONTHLY); 3 MG/L (DAILY). 3. PRODUCTION OF TRICHLOROETHYLENE AND/OR PERCHLOROETHYLENE: -. QUALITY OBJECTIVES FOR THE AQUATIC ENVIRONMENT: 0.03 UG/L. 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> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**L219,,49,1990 <u>Entry / Update</u> : JAN1992</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 BE NEITHER 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	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF HEXACHLOROBENZENE IN ALL FEEDINGSTUFFS: 0,01 MG/KG EXCEPT IN 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> : 03DEC1980</p> <p><u>Last Amendment</u> : OJEC**L60,,16,1991 <u>Entry / Update</u> : MAY1992</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 : HCB

RTECS Number : DA2975000

CAS Number : 118-74-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	EXPT	PESTI	RQR	<p>HEXACHLOROBENZENE 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: CARC.CAT.2; MAY CAUSE CANCER (R 45). T - TOXIC; TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/25). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/25); 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> : 1JUL1982</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REC	USE	AGRIC PESTI	PRO	<p>WITHDRAWAL OF USE IN AGRICULTURE AND HORTICULTURE (THE ONLY REGISTERED USE IN THE UK AS A PESTICIDE WAS AS A DRY SEED DRESSING). REASONS FOR THE CONTROL ACTION; THIS PERSISTENT ORGANOCHLORINE, WHICH ACCUMULATES IN ANIMAL AND BIRD TISSUES, WAS WITHDRAWN FOR ENVIRONMENTAL RATHER THAN HUMAN SAFETY REASONS.</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> : 1975</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</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 HEXACHLOROBENZENE 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 HEXACHLOROBENZENE 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> : 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	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 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.01-1.0 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	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS NOT FALLING WITHIN A DESCRIPTION IN ANY OTHER SECTION OF THIS SCHEDULE FOR THE MANUFACTURE OF (DYESTUFFS) IF THE PROCESS INVOLVES THE USE OF HEXACHLOROBENZENE 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,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : HCB

RTECS Number : DA2975000

CAS Number : 118-74-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>HEXACHLOROBENZENE 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	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.03UG/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.</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	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 HEXACHLOROBENZENE 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>
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. 2729</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	REG	CLASS MANUF IMPRT USE	-	CLASS PRO PRO PRO	<p>A CLASS 1 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> 14AUG1979</p> <p><u>Last Amendment :</u> JPNCO*,14AUG,,,1979 <u>Entry / Update :</u> NOV1991</p>
RUS	REC	FOOD EXPRT IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.3 MG/KG; 0.5 MG/KG (ANIMAL PRODUCTS ON FAT BASIS).</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	USE	AGRIC	PRO	<p>PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY CUMULATIVE (APPLIES TO MERCUR-BENZOL - A MIXTURE OF GRANOSAN M, AND HEXACHLOROBENZENE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Entry / Update :</u> AUG1988</p>

Common Name : HCB

RTECS Number : DA2975000

CAS Number : 118-74-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	USE	AGRIC	PRO	<p>PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY CUMULATIVE (APPLIES TO MERCUR-GENKAN - A MIXTURE OF GRANOSAN M, LINDANE AND HEXACHLOROBENZENE)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> OSUMH*,123-5/699-23,,9NOV,1981</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> AUG1988</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 0.9 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: II</p> <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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01 MG/KG.ADI = 0.0006 MG/KG.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,1983</p> <p><u>Effective Date :</u> JUN1983</p> <p><u>Entry / Update :</u> OCT1985</p>
RUS	REG	AIR	AMBI	PSL	<p>0.013 MG/M3 1X/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> OBUAV*,2947-83,,1983</p> <p><u>Effective Date :</u> DEC1983</p> <p><u>Entry / Update :</u> SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.05 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</p> <p><u>Effective Date :</u> 1JAN1989</p> <p><u>Entry / Update :</u> JUL1990</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED.</p> <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>
SWE	REG	FOOD	PESTI	MTC	<p>CEREALS, BRAN AND THEIR PRODUCTS: 0.01 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</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,1989</p> <p><u>Effective Date :</u> 01JAN1990</p> <p><u>Entry / Update :</u> 1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.02-0.1 MG/KG (INCL. PENTACHLOROBENZENE)</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</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,1989</p> <p><u>Effective Date :</u> 01JAN1990</p> <p><u>Entry / Update :</u> 1992</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: BECAUSE OF ITS CARCINOGENIC EFFECTS 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 INRERIM REGULATIONS GIVEN IN THE ACT ON CHEMICAL PRODUCTS FROM 1985 WHICH IN COMPLIANCE TO POINT 3. STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PERSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PERSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..."</p> <p><u>Reference :</u> PKBB*,,,,1980</p> <p><u>Last Amendment :</u> SVENF*,1985:426,,4,1985</p> <p><u>Effective Date :</u> ** 1980</p> <p><u>Entry / Update :</u> FEB1992</p>

Common Name : HCB

RTECS Number : DA2975000

CAS Number : 118-74-1

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. 2729 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
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	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
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	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>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Effective Date :</u> 1987 <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	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 : **HCB**

RTECS Number : **DA2975000**

CAS Number : **118-74-1**

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 AQ AQ	- - GRND	MPC MPC MPC	0.13 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
WHO	REC	AQ AQ	DRINK PESTI	GL GL	1 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 : **alpha-HCH**RTECS Number : **GV350000**CAS Number : **319-84-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	MANUF SALE USE	-	PRO	PROHIBITED FOR MANUFACTURING, IMPORTATION, FORMULATION, COMMERCE AND USE. (APPLIES TO ALL ISOMERS EXCEPT GAMMA-HCH). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYE*,22289,, <u>Effective Date :</u> 2OCT1980 <u>Entry / Update :</u> 1982
CSK	REG	FEED	-	MXL	MXL: 0.02 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.02-0.2 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>Last Amendment :</u> <u>Effective Date :</u> 1JAN1988 <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 0.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). APPLIES TO A TECHNICAL MIXTURE OF ALPHA-HCH AND BETA-HCH. 0.5 = (CONC. ALPHA-HCH DIVIDED BY 5) + CONC. BETA-HCH. DANGER OF CUTANEOUS ABSORPTION. 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> MPGDFD,XXVII,,17,1991 <u>Last Amendment :</u> <u>Effective Date :</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>Last Amendment :</u> <u>Effective Date :</u> 15JUN1991 <u>Entry / Update :</u> APR1992
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, FAT OF ANIMAL ORIGIN: 0.2 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 0.1 MG/KG LIPID 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
DEU	REG	FOOD	PESTI	MRL	CEREALS: 0.02 MG/KG. APPLIES TO THE SUM OF ALPHA-HCH AND BETA-HCH. <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
EEC	REG	FEED	-	MPC	MAXIMUM PERMITTED LEVELS OF ALPHA-HEXACHLOROCYCLOHEXANE FOR ALL FEEDINGSTUFFS: 0,02 MG/KG EXCEPT FATS: 0,2 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>Last Amendment :</u> OJEC**,L60,,16,1991 <u>Effective Date :</u> 03DEC1990 <u>Entry / Update :</u> MAY1992
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). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE DUST (S 22); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). IT SHOULD BE STATED ON THE LABEL IF IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS. <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>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Effective Date :</u> 1JUL1992 <u>Entry / Update :</u> APR1992

Common Name : **alpha-HCH**RTECS Number : **GV350000**CAS Number : **319-84-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	<p>0,01-0,2 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,004 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK.</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	AQ	EMI	MXL	<p>LIMIT VALUES FOR HCH IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONC. OF HCH OR MONTHLY AVERAGE IN WEIGHT/T HCH PRODUCED/TREATED) WHICH ARE TO BE COMPLIED WITH BY A) 1.4.1986 AND B) 1.10.1988 ARE FOR: 1. PLANT FOR THE PRODUCTION OF HCH: A) 3 MG/L DISCHARGED OR 3G/T HCH PRODUCED; B) 2 MG/L DISCHARGE OR 2G/T HCH PRODUCED. 2. PLANT FOR THE EXTRACTION OF LINDANE: A) 8 MG/L DISCHARGE OR 15G/T HCH TREATED; B) 2 MG/L DISCHARGE OR 4G/T HCH TREATED. 3. PLANT WHERE THE PRODUCTION OF HCH AND EXTRACTION OF LINDANE IS CARRIED OUT: A) 6 MG/L DISCHARGE OR 16G/T HCH PRODUCED; B) 2 MG/L DISCHARGE OR 5G/T HCH PRODUCED. (REFERENCE METHOD OF ANALYSIS: GC-EC)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 OCTOBER 1984 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF HEXACHLOROCYCLOHEXANE. (84/491/EEC).</p> <p><u>Reference</u> : OJEC**,L274,,11,1984 <u>Effective Date</u> : 01APR1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.02 MG/KG (SUM OF ALPHA- AND BETA-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>
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 0.02UG/L. FOR ALL ISOMERS OF HEXACHLOROCYCLOHEXANE 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 84/491/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 0.1UG/L (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) REGULATIONS 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 84/491/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 MANUF	EMI INDST	PRO RSTR	<p>ALL ISOMERS OF HEXACHLOROCYCLOHEXANE 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: 0.004-0.1MG/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 : **alpha-HCH**RTECS Number : **GV3500000**CAS Number : **319-84-6****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS : 0.2 MG/KG OF HCH (INCLUDING ALL HCH ISOMERS) <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
SWE	REG	FOOD	PESTI	MTC	ANIMAL PRODUCTS: 0.005-0.2 MG/KG (INCL. THEBETA- AND GAMMA-ISOMERS) <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	FRUITS AND VEGETABLES: 0.01 MG/KG (INCL. ALL ISOMERS OF HCH) <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	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
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	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> FERECAC,52,,25947,1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> SEP1991

Common Name : Heptachlor

RTECS Number : PC0700000

CAS Number : 76-44-8

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 AS EXTERNAL PARASITICIDE. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADECA*,2143,,,1968 <u>Effective Date :</u> 1MAY1968 <u>Entry / Update :</u> 1982
ARG	REG	FOOD	-	MXL	0 MG/KG; LETTUCE 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
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	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	TRNSP STORE PACK LABEL	-	RSTR	REGULATIONS ON TRANSPORT, PACKAGING, STORAGE, AND LABELLING. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADECG*,2678,,, <u>Effective Date :</u> 10JUN1969 <u>Entry / Update :</u> 1982
ARG	REG	USE	-	PRO	PROHIBITED FOR USE IN TREATMENT OF NATURAL AND ARTIFICIAL MEADOWS, IN ANIMAL FEED, AS EXTERNAL PARASITICIDE. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADECG*,2678,,, <u>Effective Date :</u> 10JUN1969 <u>Entry / Update :</u> 1982
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.5 MG/M3. SKIN ABSORPTION, 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,I,1,1979 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
ARG	REG	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
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.2 MG/KG; PROVISIONAL TOXICITY CLASS: II,III (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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1985

Common Name : Heptachlor

RTECS Number : PC0700000

CAS Number : 76-44-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.003 MG/L (APPLIES TO THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE). THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER 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; 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: 0.5 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>
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,124,26,5523,1990 <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 ANIMAL PRODUCTS, MRL = 0.1-0.2 PPM (CALCULATED ON THE FAT CONTENT); APPLIES TO HEPTACHLOR INCLUDING THE METABOLITE HEPTACHLOR EPOXIDE). 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: 1985. CODE HEP. 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 : **Heptachlor**RTECS Number : **PC0700000**CAS Number : **76-44-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.01-0.5 MG/KG (MILK AND MEAT PRODUCTS CALCULATED 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
CSK	REG	AQ	DRINK	MAC	100NG/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
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. DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVALEY RETAINED. <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	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: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, CALCULATED AS HEPTACHLOR. <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	GOODS	PESTI	MRL	TOBACCO: 0.2 MG/KG. APPLIES TO THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE. CALCULATED AS HEPTACHLOR. <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	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 0.2 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 1.0 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 HEPTACHLOR AND HEPTACHLOR EPOXIDE, CALCULATED AS HEPTACHLOR. <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

Common Name : Heptachlor

RTECS Number : PC0700000

CAS Number : 76-44-8

Area Type Subject Spec. Description Level / Summary Information :

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> 01JAN1988 <u>Last Amendment :</u> OJEC**L92,,42,1991 <u>Entry / Update :</u> NOV1987
EEC	REG	FEED	-	MPC	MAXIMUM PERMITTED LEVELS OF HEPTACHLOR (SUM OF HEPTACHLOR AND OF HEPTACHLOR-EPOXIDE, EXPRESSED AS HEPTACHLOR) IN ALL FEEDINGSTUFFS: 0,01 MG/KG EXCEPT IN FATS: 0,2 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
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); DANGER OF CUMULATIVE EFFECTS (R 33); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); 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 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	EXPRT	PESTI	RQR	HEPTACHLOR 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). <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. <u>Reference :</u> OJEC**L155,,2,1988 <u>Effective Date :</u> 22JUN1988 <u>Last Amendment :</u> <u>Entry / Update :</u> 1991
EEC	REG	FOOD	PESTI	MRL	CEREALS (GENERAL): 0.01 MG/KG (SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, EXPRESSED AS HEPTACHLOR) <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 PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	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 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
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.01 MG/KG (CALCULATED AS THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE). <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 : Heptachlor

RTECS Number : PC0700000

CAS Number : 76-44-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	0.01-0.2 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0.004 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK. (APPLIES TO HEPTACHLOR (SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, EXPRESSED AS HEPTACHLOR)). <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	-	ADI ERL	ADI: 0.0005 MG/KG BW; ERL: SOYA BEAN OIL (CRUDE): 0.5 MG/KG; CARCASE MEAT (IN CARCASE FAT), CARROTS, POULTRY (IN CARCASE FAT): 0.2 MG/KG; EGGS (SHELL-FREE BASIS), VEGETABLES (EXCEPT CARROT, SOYABEAN, SUGAR BEETS AND TOMATOES): 0.05 MG/KG; COTTONSEED. RAW CEREALS, SOYA BEAN, SOYA BEAN OIL (EDIBLE), TOMATOES: 0.02 MG/KG; CITRUS FRUIT, PINEAPPLES (IN EDIBLE PORTION): 0.01 MG/KG; MILK: 0.006 MG/KG (EXPRESSED AS SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*XIII,,43-IV,1986 <u>Entry / Update</u> : APR1991
FAO	REC	FOOD	-	ERL	CRUDE SOYBEAN OIL: 0.5 MG/KG; CARROTS, FAT OF MEAT AND POULTRY: 0.2 MG/KG; MILK AND MILK PRODUCTS (FAT BASIS): 0.15 MG/KG; EGGS (SHELL-FREE), SUGARBEET, VEGETABLES (EXCEPT CARROTS, SOYBEANS, TOMATOES): 0.05 MG/KG; RAW CEREALS, TOMATOES, COTTONSEED, SOYBEANS, EDIBLE SOYBEAN OIL: 0.02 MG/KG; CITRUS FRUIT, PINEAPPLE: 0.01 MG/KG. (ALL LIMITS REFER TO THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, EXPRESSED AS HEPTACHLOR). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1987 <u>Last Amendment</u> : FPPDD,84,,52,1987 <u>Entry / Update</u> : JUL1990
FAO	REC	FOOD	-	ADI	0.5 UG/KG (WITH HEPTACHLOR EPOXIDE) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1987 <u>Last Amendment</u> : FPPDD,84,,52,1987 <u>Entry / Update</u> : JUL1990
GBR	REG	AIR	OCC	OES	8H-TWA: 0.5 MG/M3. STEL (10 MIN-TWA): 2 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	FEED SALE USE	PESTI PESTI PESTI	MRL RSTR RSTR	THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.01-0.2 MG/KG (SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE EXPRESSED AS HEPTACHLOR) 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	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.004-0.2 MG/KG (AS THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, EXPRESSED AS HEPTACHLOR). 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->80%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 80-20% (SOLID) OR 80-8% (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 : Heptachlor

RTECS Number : PC0700000

CAS Number : 76-44-8

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>
KEN	REG	USE USE	AGRIC PESTI	PRO PRO	<p>TOTAL BAN OF THE PESTICIDE. REASONS FOR THE CONTROL ACTION: ACTION TAKEN BECAUSE OF HEALTHHAZARDS.</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>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.01-0.5 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	-	USE USE	AGRIC PESTI	RSTR RSTR	<p>PESTICIDE OF RESTRICTED AGRICULTURAL USE FOR MAIZE AND SORGHUM. REASONS FOR THE CONTROL ACTION: CONTROL OF PESTS (AND ITS HIGH TOXICITY, LD50:74-188 MG/KG)</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> : 5JUN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1987</p>
MEX	REG	AQ	AMBI	MPC	<p>0.018 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>
MEX	REG	AQ	AMBI	MPC	<p>0.2 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	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 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>

Common Name : **Heptachlor**RTECS Number : **PC0700000**CAS Number : **76-44-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AQ	AMBI	MPC	0.002 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	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC, CARCINOGENIC, PERSISTENT <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Entry / Update :</u> AUG1988
RUS	REG	FEED	-	PRO	0.0 MG/KG (SUBSTANCE IS NOT ALLOWED IN ANY FEEDSTUFF) (APPLIES ALSO TO HEPTACHLOR EPOXIDE). <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	SOIL	-	MAC	0.05 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> DEC1973 <u>Last Amendment :</u> PDKPP*,1134-73,,,1973 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.01 MG/M3 (VAPOUR) 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	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.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
RUS	REG	AQ	SURF	MAC CLASS	0.05 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	MAC	0.001 MG/M3 1X/D; 0.0002 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
SWE	REG	FOOD	PESTI	MTC	ANIMAL PRODUCTS: 0.005-0.1 MG/KG (INCL. HEPTACHLOR EPOXIDE) <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	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.01-0.05 MG/KG (INCL. HEPTACHLOREPOXIDE) <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 : Heptachlor

RTECS Number : PC0700000

CAS Number : 76-44-8

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->80%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 80-20% (SOLID) OR 80-8% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,1,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REC	SAFTY USE	OCC OCC	MXL MXL	700 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,120,1990 <u>Last Amendment :</u> XPHPAW,90,117,120,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.5 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	WASTE AQ AQ	- - GRND	MPC MPC MPC	0.008 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> FEREC,55,,11862,1990 <u>Last Amendment :</u> CFRUS*,40,261,24,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> JAN1992
USA	REG	AQ	DRINK	MPC	0.0004 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> FEREC,40,,59570,1975 <u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Effective Date :</u> 1975 <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 I) 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 MANUF	-	RQR PRMT	REGISTRATION STANDARD, HEPTACHLOR, 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> 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 : **Heptachlor**RTECS Number : **PC0700000**CAS Number : **76-44-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	-	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	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). 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). 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 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	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 : Heptachlor**RTECS Number :** PC0700000**CAS Number :** 76-44-8**Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
WHO	REC	AQ AQ	DRINK PESTI	GL GL	0.03 UG/L FOR HEPTACHLOR AND HEPTACHLOR EPOXIDE. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.

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

Common Name : **Heptachlor Epoxide**RTECS Number : **PB9450000**CAS Number : **1024-57-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.003 MG/L (APPLIES TO THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE). THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER 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; 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED ANIMAL PRODUCTS, MRL = 0.1-0.2 PPM (CALCULATED ON THE FAT CONTENT); APPLIES TO HEPTACHLOR INCLUDING THE METABDITEHEPTACHLOR EPOXIDE. 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> CAGA AK,124,11,,1990 <u>Effective Date :</u> 08MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</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 HEPTACHLOR AND HEPTACHLOR EPOXIDE, CALCULATED AS HEPTACHLOR.</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	PESTI	MRL	<p>MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 0.2 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 1.0 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 HEPTACHLOR AND HEPTACHLOR EPOXIDE, CALCULATED AS HEPTACHLOR.</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	GOODS	PESTI	MRL	<p>TOBACCO: 0.2 MG/KG. APPLIES TO THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, CALCULATED AS HEPTACHLOR.</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	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF HEPTACHLOR (SUM OF HEPTACHLOR AND OF HEPTACHLOR-EPOXIDE, EXPRESSED AS HEPTACHLOR) IN ALL FEEDINGSTUFFS: 0,01 MG/KG EXCEPT IN 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>

Common Name : Heptachlor Epoxide

RTECS Number : PB9450000

CAS Number : 1024-57-3

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.01 MG/KG (CALCULATED AS THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE). <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 PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN HEPTA CHLOREPOXIDE 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
EEC	REG	FOOD	PESTI	MRL	CEREALS (GENERAL): 0.01 MG/KG (SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, EXPRESSED AS HEPTACHLOR). <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	0.01-0.2 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0.004 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK. (APPLIES TO HEPTACHLOR (SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, EXPRESSED AS HEPTACHLOR)). <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	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T - TOXIC; TOXIC IF SWALLOWED (R 25). CARC. CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T - TOXIC; TOXIC IF SWALLOWED (R 25); DANGER OF CUMULATIVE EFFECTS (R 33); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). 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 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
FAO	REC	FOOD	-	ADI	0.5 UG/KG BW (WITH HEPTACHLOR) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1987 <u>Last Amendment</u> : FPPPDD,84,,52,1987 <u>Entry / Update</u> : JUL1990
FAO	REC	FOOD	-	ERL	CRUDE SOYABEAN OIL: 0.5 MG/KG; CARROTS, FAT OF MEAT AND POULTRY: 0.2 MG/KG; MILK AND MILK PRODUCTS (FAT BASIS): 0.15 MG/KG; EGGS (SHELL-FREE), SUGARBEET, VEGETABLES (EXCEPT CARROTS, SOYBEANS, TOMATOES): 0.05 MG/KG; RAW CEREALS, TOMATOES, COTTONSEED, SOYBEANS, EDIBLE SOYBEAN OIL: 0.02 MG/KG; CITRUS FRUIT, PINEAPPLE: 0.01 MG/KG. (ALL LIMITS REFER TO THE SUM OF HEPTACHLOR AND HEPTACHLOREPOXIDE, EXPRESSED AS HEPTACHLOR). <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	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.004-0.2 MG/KG (AS THE SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE, EXPRESSED AS HEPTACHLOR). 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

Common Name : **Heptachlor Epoxide**RTECS Number : **PB9450000**CAS Number : **1024-57-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 (SUM OF HEPTACHLOR AND HEPTACHLOR EPOXIDE EXPRESSED AS HEPTACHLOR) 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>
MEX	REG	AQ	AMBI	MPC	<p>0.018 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> : OCT:1982</p>
SWE	REG	FOOD	PESTI	MTC	<p>ANIMAL PRODUCTS: 0.005-0.1 MG/KG (INCL. HEPTACHLOR)</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: 0.01-0.05 MG/KG (INCL. HEPTACHLOR)</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>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	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>0.0002 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	-	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 : Heptachlor Epoxide

RTECS Number : PB9450000

CAS Number : 1024-57-3

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.
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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

WHO	REC	AQ AQ	DRINK PESTI	GL GL	0.03 UG/L FOR HEPTACHLOR AND HEPTACHLOR EPOXIDE. 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 : **Heptenophos**

RTECS Number :

CAS Number : **23560-59-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	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 WASSERGEFAHRDENE 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	SPECIFIED PLANT PRODUCTS: 0.1 - 3.0 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
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> : APMG**,,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: III = SUBSTANCE PRESENTING MINOR DANGER WHEN 100-48% A.I. (SOLID) OR 100-19% 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	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (VAPOUR, AEROSOL) HAZ. CLASS: II <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	PSL	CLV: 0.3 MG/M3 (VAPOUR, 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

Common Name : **Heptenophos**

RTECS Number :

CAS Number : **23560-59-0**Area Type Subject Spec. Description Level / Summary Information :

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	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	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1 MG/KG; ADI = 0.003 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 100-48% A.I. (SOLID) OR 100-19% 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

Common Name : **Hexachlorobutadiene**RTECS Number : **YW1355000**CAS Number : **87-68-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.24 MG/M3 (0.02 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>1720 MG/M3 (780 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,,,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</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.): UN2279. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 118. 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.</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: 0.02 PPM, 0.24 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>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.25 MG/M3, CLV: 0.50 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 : **Hexachlorobutadiene**RTECS Number : **YW1355000**CAS Number : **87-68-3**

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 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>DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). 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>
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	<p>LIMIT VALUES FOR EMISSION STANDARDS FROM INDUSTRIAL PLANTS INTO THE AQUATIC ENVIRONMENT: 1. PRODUCTION OF PERCHLOROETHYLENE (PER) AND CARBON TETRACHLORIDE (CCL4) BY PERCHLORINATION: HEXACHLOROBUTADIENE /TONNE OF TOTAL PRODUCTION CAPACITY OF PER + CCL4: 1,5 G (MONTHLY); 3 G (DAILY). CONCENTRATION: 1,5 MG/L (MONTHLY); 3 MG/L (DAILY). 2. PRODUCTION OF TRICHLOROETHYLENE AND/OR PERCHLOROETHYLENE BY ANY OTHER PROCESS: -. QUALITY OBJECTIVES FOR EMISSIONS INTO THE AQUATIC ENVIRONMENT: 0,1 UG/L. 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> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992</p>
GBR	REG	AQ	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.1UG/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.</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	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.1UG/L FOR HEXACHLOROBUTADIENE 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 WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN HEXACHLOROBUTADIENE 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 HEXACHLOROBUTADIENE 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>

Common Name : **Hexachlorobutadiene**RTECS Number : **YW1355000**CAS Number : **87-68-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>HEXACHLOROBUTADIENE 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> GBRSP*,472,,22,1991 <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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2279.</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	USE	AGRIC	RSTR	<p>SEVERELY RESTRICTED FOR USE AS A PESTICIDE; MAY BE USED ON VINES ONLY FOR QUARANTINE (NOTHARVESTING) PURPOSES. REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC,VOLATILE, CUMULATIVE, READILY ABSORBED THROU GH THE SKIN, HAS EMBRYOTOXIC PROPERTIES AND CONTAMINATES UNDERGROUND WATERS.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Entry / Update :</u> AUG1988</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.005 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>
RUS	REG	FOOD	-	PRO ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTSADI = 0.001 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	AMBI	MAC	<p>0.001 MG/M3 1X/D; 0.0002 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	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> SCHSB*,SUPL-6,,,1982 <u>Entry / Update :</u> OCT1985</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	AQ	SURF	MAC CLASS	<p>0.01 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>

Common Name : Hexachlorobutadiene

RTECS Number : YW1355000

CAS Number : 87-68-3

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: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2279. <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) 0.02 PPM, 0.21 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	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	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>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Effective Date :</u> 1979 <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	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	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>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Effective Date :</u> 1982 <u>Entry / Update :</u> OCT1991

Common Name : Hexachlorobutadiene

RTECS Number : YW1355000

CAS Number : 87-68-3

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	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	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>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	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>
WHO	REC	AQ	DRINK	GL	<p>0.6 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 : **beta-Hexachlorocyclohexane**RTECS Number : **GV4375000**CAS Number : **319-85-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	MANUF SALE USE	-	PRO	PROHIBITED FOR MANUFACTURING, IMPORTATION, FORMULATION, COMMERCE AND USE. (APPLIES TO ALL ISOMERS EXCEPT GAMMA-HCH). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYE*,22289,.. <u>Effective Date :</u> 2OCT1980 <u>Entry / Update :</u> 1982
CSK	REG	FEED	-	MXL	MXL: 0.02 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.02-0.2 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>Last Amendment :</u> <u>Effective Date :</u> 1JAN1988 <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 0.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). APPLIES TO A TECHNICAL MIXTURE OF ALPHA-HCH AND BETA-HCH, 0.5 = (CONC. ALPHA-HCH DIVIDED BY 5) + CONC. BETA-HCH. DANGER OF CUTANEOUS ABSORPTION. 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> MPGDFD,XXVII,,17,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	FOOD	PESTI	MRL	CEREALS: 0.02 MG/KG. APPLIES TO THE SUM OF ALPHA-HCH AND BETA-HCH. <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	CACAO SEEDS: 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>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Effective Date :</u> 22MCH1990 <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>Last Amendment :</u> <u>Effective Date :</u> 15JUN1991 <u>Entry / Update :</u> APR1992
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, FAT OF ANIMAL ORIGIN: 0.1 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 0.075 MG/KG LIPID WEIGHT. <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	CEREALS (GENERAL): 0.02 MG/KG (SUM OF ALPHA- AND BETA-ISOMERS) <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>Last Amendment :</u> OJEC**,L126,,53,1988 <u>Effective Date :</u> 30JUN1988 <u>Entry / Update :</u> SEP1987
EEC	REG	FOOD	PESTI	MRL	0,01-0,1 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,003 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK. <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>Last Amendment :</u> <u>Effective Date :</u> 30JUN1988 <u>Entry / Update :</u> SEP1987

Common Name : **beta-Hexachlorocyclohexane**RTECS Number : **GV4375000**CAS Number : **319-85-7****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: T - TOXIC; TOXIC IF SWALLOWED (R 25). XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN (R 21). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE DUST (S 22); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). IT SHOULD BE STATED ON THE LABEL IF 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	AQ	EMI	MXL	<p>LIMIT VALUES FOR HCH IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONC. OF HCH OR MONTHLY AVERAGE IN WEIGHT/T HCH PRODUCED/TREATED) WHICH ARE TO BE COMPLIED WITH BY A) 1.4.1986 AND B) 1.10.1988 ARE FOR: 1. PLANT FOR THE PRODUCTION OF HCH: A) 3 MG/L DISCHARGED OR 3G/T HCH PRODUCED; B) 2 MG/L DISCHARGE OR 2G/T HCH PRODUCED. 2. PLANT FOR THE EXTRACTION OF LINDANE: A) 8 MG/L DISCHARGE OR 15G/T HCH TREATED; B) 2 MG/L DISCHARGE OR 4G/T HCH TREATED. 3. PLANT WHERE THE PRODUCTION OF HCH AND EXTRACTION OF LINDANE IS CARRIED OUT: A) 6 MG/L DISCHARGE OR 16G/T HCH PRODUCED; B) 2 MG/L DISCHARGE OR 5G/T HCH PRODUCED. (REFERENCE METHOD OF ANALYSIS: GC-EC)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 9 OCTOBER 1984 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF HEXACHLOROCYCLOHEXANE. (84/491/EEC).</p> <p><u>Reference</u> : OJEC**,L274,,11,1984 <u>Effective Date</u> : 01APR1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF BETA-HEXACHLOROCYCLOHEXANE FOR COMPOUND FEEDINGSTUFFS: 0,01 MG/KG EXCEPT SPECIFIED FEEDINGSTUFFS: 0,005-0,1 MG/KG; STRAIGHT FEEDINGSTUFFS: 0,01 MG/KG EXCEPT FATS: 0,1 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>
GBR	REG	AQ	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.1UG/L (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) REGULATIONS 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 84/491/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	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.02UG/L FOR ALL ISOMERS OF HEXACHLOROCYCLOHEXANE 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 84/491/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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.003-0.1 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 : **beta-Hexachlorocyclohexane**RTECS Number : **GV4375000**CAS Number : **319-85-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>ALL ISOMERS OF HEXACHLOROCYCLOHEXANE 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>
JPN	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS : 0.2 MG/KG OF HCH (INCLUDING ALL HCH ISOMERS)</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>
SWE	REG	FOOD	PESTI	MTC	<p>ANIMAL PRODUCTS: 0.005-0.2 MG/KG (INCL. THE ALPHA-AND GAMMAISOMERS)</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 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) 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> : FEREC*,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>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 : Hexachlorocyclopentadiene

RTECS Number : GY1225000

CAS Number : 77-47-4

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 0.1 MG/M3 (0.01 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	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.): UN2646. 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: 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. <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: 0.01 PPM, 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". <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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.2646. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991

Common Name : **Hexachlorocyclopentadiene**RTECS Number : **GY1225000**CAS Number : **77-47-4**

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 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 0.1 MG/M3 (0.01 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.3 MG/M3 (0.03 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 UG/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 : 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.2646.</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>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.01 PPM, 0.11 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 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 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.</p> <p><u>Title</u> : 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS</p> <p><u>Reference</u> : FEREC,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>

Common Name : **Hexachlorocyclopentadiene**RTECS Number : **GY1225000**CAS Number : **77-47-4**

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> : FEREC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREC,54,97,22104,1989 <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> : FEREC,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	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> : FEREC,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	-	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 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	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 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.</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>

Common Name : **Hexachlorocyclopentadiene**RTECS Number : **GY1225000**CAS Number : **77-47-4**

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 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	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	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	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> : 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 : **Hexachloroethane**RTECS Number : **KI4025000**CAS Number : **67-72-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 100 MG/M3 (10 PPM). (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: 10 PPM, 100 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.): NA9037. 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	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	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: 1 ML/M3 (PPM); 10 MG/M3 (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 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>
GBR	REG	AIR	OCC	OES	<p>VAPOUR: 8H-TWA: 50 MG/M3 (5 PPM). TOTAL INHALABLE DUST: 8H-TWA: 10 MG/M3. RESPIRABLE DUST: 8H-TWA: 5 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>

Common Name : Hexachloroethane

RTECS Number : KI4025000

CAS Number : 67-72-1

Area Type Subject Spec. Description Level / Summary Information :

MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 100 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>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: 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
USA	REC	SAFTY USE	OCC OCC	MXL MXL	NIOSH HAS RECOMMENDED THAT HEXACHLOROETHANE BE TREATED AS A POTENTIAL HUMAN CARCINOGEN. <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,122,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,122,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 PPM, 9.7 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	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	-	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	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> FEREC,53,,1892,1988 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREC,56,,1473,1991 <u>Entry / Update :</u> OCT1991
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	3.0 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. <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: MAXIMUM CONCENTRATION OF CONTAMINANTS CHARACTERISTIC OF EXTRACTION PROCESS (EP) TOXICITY. <u>Reference :</u> FEREC,55,,11862,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,261,24,1990 <u>Entry / Update :</u> JAN1992

Common Name : Hexachloroethane

RTECS Number : KI4025000

CAS Number : 67-72-1

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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>NOT LISTED FOR PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LISTED 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 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)), 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 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 : **Hexachloroethane**RTECS Number : **KI4025000**CAS Number : **67-72-1**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>

Common Name : **Hexachloronaphthalene**RTECS Number : **QJ7350000**CAS Number : **1335-87-1**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*,24170,1,1,1979 <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: 0.2 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> MAY1991
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
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>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (VAPOUR) (APPLIES TO CHLORINATED NAPHTHALENES) HAZARD CLASS: II <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: 0.2 MG/M3; 15 MIN - STEL: 0.6 MG/M3, SKIN ABSORPTION. (APPLIES TO ALL CHLORINATED NAPHTHALENES). <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	REC	SAFTY USE	OCC OCC	MXL MXL	2 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,122,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,122,1990 <u>Entry / Update :</u> OCT1991

Common Name : **Hexachloronaphthalene**RTECS Number : **QJ7350000**CAS Number : **1335-87-1**Area Type Subject Spec. Description Level / Summary Information :

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>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991
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>Effective Date :</u> 22JUN1982 <u>Last Amendment :</u> XCODE*,15,,2607A,1991 <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	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 : **Hexachlorophen**RTECS Number : **SM0700000**CAS Number : **70-30-4**Area Type Subject Spec. Description Level / Summary Information :

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.): UN2875. 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 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 HCP. 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	GOODS	-	RSTR MXL	MAXIMUM LIMIT IN COSMETICS: 1.5-10 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
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: 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); WHEN USING DO NOT EAT OR DRINK (S 20); WEAR SUITABLE GLOVES (S 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 2%: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). FROM 0.2% TO 2%: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22). <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 : **Hexachlorophen**RTECS Number : **SM0700000**CAS Number : **70-30-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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. 2875 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
RUS	REG	GOODS MANUF USE	CONS	- PRO PRO	HEXACHLOROPHENE AND PRODUCTS CONTAINING HEXA CHLOROPHENE (ANTIMICROBIAL AND COSMETIC PREPARATIONS, PHARMACEUTICALS, HOUSEHOLD GOODS) ARE PROHIBITED FOR PRODUCTION AND USE. REASONS FOR THE CONTROL ACTION: ITS TERATOXICITY, EMBRYOTOXICITY, NEUROTOXICITY, PHOTSENSITIZING AND ALLERGENIC POTENTIAL, HIGH TRANSDERMAL ABSORPTION. DECREE OF THE USSR MINISTRY OF PUBLIC HEALTH 10 JUNE 1988 ORDER OF THE USSR MINISTRY OF HEALTH <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> DUSSR*,10JUN1988,,,1988 <u>Effective Date :</u> 20JUN1988 <u>Entry / Update :</u> 1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.1 MG/M3 (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	0.03 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
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. 2875 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
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
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME HEXACHLOROPHENE, 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 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 : **Hexachlorophen**

RTECS Number : **SM0700000**

CAS Number : **70-30-4**

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 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 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-Hexane

RTECS Number : MN9275000

CAS Number : 110-54-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 180 MG/M3 (50 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*,24170,1,1,1979 <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>N-HEXANE - TWA: 50 PPM, 180 MG/M3; OTHER ISOMERS: TWA: 500 PPM, 1,800 MG/M3; STEL: 1,000 PPM, 3,600 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	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT (ALL ISOMERS). 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>
DEU	REC	AIR	OCC	BAT	<p>URINE: 9 MG/L, AS HEXANE-2,5-DIONE PLUS 4,5-DIHYDROXY-2-HEXANONE. 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 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	AIR	OCC	MAK	<p>8H-TWA: 50 ML/M3 (PPM); 180 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 100 ML/M3 (PPM); 360 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: 16.0 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE 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 USE	-	CLASS INDST 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 : n-Hexane

RTECS Number : MN9275000

CAS Number : 110-54-3

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	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 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>
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 BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); DO NOT EMPTY INTO DRAINS (S 29); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES (S 33). APPLIES TO MIXTURE OF ISOMERS CONTAINING A MAXIMUM OF 5% N-HEXANE. IT SHOULD 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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). XN - HARMFUL; HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/20). LABEL: F - HIGHLY FLAMMABLE; XN - HARMFUL; HIGHLY FLAMMABLE (R 11); HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/20); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); AVOID CONTACT WITH SKIN AND EYES (S 24/25); DO NOT EMPTY INTO DRAINS (S 29); USE ONLY IN WELL-VENTILATED AREAS (S 51). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: 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>

Common Name : n-Hexane

RTECS Number : MN9275000

CAS Number : 110-54-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD FOOD	- INDST	MRL PRMT	<p>HEXANE, PROVIDED IT SATISFIES THE PURITY CRITERIA LAID DOWN, MAY BE USED AS AN EXTRACTION SOLVENT FOR: -THE PRODUCTION OR FRACTIONATION OF FATS AND OILS AND THE PRODUCTION OF COCOA BUTTER (MRL: 5 MG/KG IN THE FAT OR OIL OR COCOA BUTTER). - THE PREPARATION OF PROTEIN PRODUCTS AND DEFATTED FLOURS (MRL: 10 MG/KG IN THE FOOD CONTAINING THE PROTEIN PRODUCTS AND DEFATTED FLOURS). - THE PREPARATION OF DEFATTED CEREAL GERMS (MRL: 5 MG/KG IN THE DEFATTED CEREAL GERM). - THE PREPARATION OF DEFATTED SOYA PRODUCTS (MRL: 30 MG/KG IN THE SOYA PRODUCT AS SOLD TO THE FINAL CONSUMER). (HEXANE MEANS A COMMERCIAL PRODUCT CONSISTING ESSENTIALLY OF ACYCLIC SATURATED HYDROCARBONS CONTAINING SIX CARBON ATOMS AND DISTILLING BETWEEN 64 C AND 70 C).</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>
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: PROCESSING AID; ADI: NO ADI ALLOCATED; MXL: COCOA BUTTERS: 5 MG/KG IN THE END PRODUCT</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1983</p> <p><u>Last Amendment</u> : FAOCA*,XIV,,495,1983 <u>Entry / Update</u> : MAY1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1800 MG/M3 (500 PPM). STEL (10 MIN-TWA): 3600 MG/M3 (1000 PPM) (LIMITS APPLY TO ALL ISOMERS EXCEPT N-HEXANE).</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: 70 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	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY C SUBSTANCE, DESIGNATED AS AN OIL-LIKE SUBSTANCE. UNDER THESE REGULATIONS DISCHARGE INTO THE SEA IS PROHIBITED AND DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. NOTWITHSTANDING THE PROVISIONS OF THESE REGULATIONS AN OIL-LIKE SUBSTANCE MAY BE CARRIED IN AN OIL TANKER AND MAY BE DISCHARGED IN ACCORDANCE WITH REGULATION 13 OF THE MERCHANT SHIPPING (PREVENTION OF OIL POLLUTION) REGULATION 1983. (REGULATION APPLIES TO ALL ISOMERS OF HEXANE).</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 3</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 : 3 (Y) (APPLIES TO HEXANE AND ITS ISOMERS)</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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO HEXANES) UN NO.1208.</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 : n-Hexane

RTECS Number : MN9275000

CAS Number : 110-54-3

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>
JPN	REC	AIR	OCC	MAC	<p>TWA: 140 MG/M3 (40 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>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS SOLVENT. THE 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1800 MG/M3 (500 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 3600 MG/M3 (1000 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. (APPLIES TO ALL HEXANE ISOMERS).</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 360 MG/M3 (100 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	AMBI	MAC	<p>60.0 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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 300.0 MG/M3 (VAPOUR) (APPLIES TO ALKANES WITH 1-10 C-ATOMS) (EXPRESSED AS C) 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 : n-Hexane

RTECS Number : MN9275000

CAS Number : 110-54-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	1D-TWA: 90 MG/M3 (25 PPM); 15 MIN - STEL: 180 MG/M3 (50 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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO HEXANES) UN NO.1208. <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) 50 PPM, 176 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	5000 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,122,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,122,1990 <u>Entry / Update</u> : OCT1991
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 DECK AND BELOW DECK AWAY FROM HEAT AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.119. 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 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	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 : n-Hexane

RTECS Number : MN9275000

CAS Number : 110-54-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
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>

Common Name : 2-Hexanone

RTECS Number : MP1400000

CAS Number : 591-78-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 20 MG/M3 (5 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	AIR	OCC	TLV	<p>TWA: 5 PPM, 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> : 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> : MAY1991</p>
DEU	REC	AIR	OCC	BAT	<p>URINE: 9 MG/L, AS HEXANE-2,5-DIONE PLUS 4,5-DIHYDROXY-2-HEXANONE. 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	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 21 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 10 ML/M3 (PPM); 42 MG/M3; AVERAGE VALUE; 4X/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	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 : 2-Hexanone

RTECS Number : MP1400000

CAS Number : 591-78-6

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 - TOXIC; TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; HIGHLY FLAMMABLE (R 11); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23); 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); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44); USE ONLY IN WELL-VENTILATED AREAS (S 51). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 10%: T - TOXIC; TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23); FROM 1% TO 10%: 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>
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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 20MG/M3 (5PPM). 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>
JPN	REC	AIR	OCC	MAC	<p>TWA: 20 MG/M3 (5 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 20 MG/M3 (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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 20 MG/M3 (5 PPM); 15 MIN - STEL: 35 MG/M3 (8 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>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>5000 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,122,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,122,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 PPM, 20 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>

Common Name : 2-Hexanone

RTECS Number : MP1400000

CAS Number : 591-78-6

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 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	REQ	MANUF - SALE USE		RSTR RSTR RSTR	<p>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.</p> <p><u>Title :</u> CHEMICALS SUBJECT TO SIGNIFICANT NEW USE RULES (SNURS)</p> <p><u>Reference :</u> XCODE*,15,,2604,1991 <u>Effective Date :</u> 1JAN1977</p> <p><u>Last Amendment :</u> XCODE*,15,,2604,1991 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Hexone**RTECS Number : **SA9275000**CAS Number : **108-10-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 205 MG/M3 (50 PPM), 15 MIN - STEL : 300 MG/M3 (75 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1245. 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	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: 50 PPM, 205 MG/M3; STEL: 75 PPM, 300 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>
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 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 : Hexone

RTECS Number : SA9275000

CAS Number : 108-10-1

Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 100 ML/M3 (PPM); 400 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL; 500 ML/M3 (PPM); 2000 MG/M3; AVERAGE VALUE; 2X/SHIFT. VAPOUR PRESSURE: 0.8 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 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 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 BREATHE 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 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 BE 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	OES	<p>8H-TWA: 205 MG/M3 (50 PPM). STEL (10 MIN-TWA): 300 MG/M3 (75 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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3 (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>

Common Name : **Hexone**RTECS Number : **SA9275000**CAS Number : **108-10-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1245. <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>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 205 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 410 MG/M3 (100 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>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 203 MG/M3 (50 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>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AIR	AMBI	MAC	0.1 MG/M3 1X/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 : **Hexone**RTECS Number : **SA9275000**CAS Number : **108-10-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	PSL 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	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: 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: 100 MG/M3 (25 PPM); 15 MIN - STEL: 200 MG/M3 (50 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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1245. <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) 50 PPM, 205 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 75 PPM, 308 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,90,117,124,1990 <u>Last Amendment :</u> XPHPAW,90,117,124,1990 <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: 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> FERECAC,42,,14534,1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Effective Date :</u> 1977 <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> FERECAC,50,,46290,1985 <u>Last Amendment :</u> CFRUS*,40,61,1,1990 <u>Effective Date :</u> 1985 <u>Entry / Update :</u> SEP1991

Common Name : **Hexone**RTECS Number : **SA9275000**CAS Number : **108-10-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	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) 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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>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).</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 ISOBUTYL KETONESTHIS 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	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 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 : **Hexone**RTECS Number : **SA9275000**CAS Number : **108-10-1**Area Type Subject Spec. Description Level / Summary Information :

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>
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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>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 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 : **Hydrazine**RTECS Number : **MU7175000**CAS Number : **302-01-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1 MG/M3 (0.1 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	REG	AIR	OCC	TLV	<p>TWA: 0.1 PPM, 0.1 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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>ANHYDROUS, OR AQUEOUS SOLUTIONS WITH MORE THAN 64% HYDRAZINE, BY MASS. PIN (PRODUCT IDENTIFICATION NO.): UN2029. CLASS (3.3): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS; CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 46, 56, 99. 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 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>HYDRATE OR AQUEOUS SOLUTIONS WITH NOT MORE THAN 64% HYDRAZINE BY MASS. PIN (PRODUCT IDENTIFICATION NO.): UN2030. CLASS (8): CORROSIVE; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 90, 99. PACKING GROUP II, (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 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 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>

Common Name : Hydrazine

RTECS Number : MU7175000

CAS Number : 302-01-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO HYDRAZINE AND ITS SALTS).</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	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: 0.05 MG/M3; CLV: 0.1 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 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	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>DANGER OF CUTANEOUS ABSORPTION. DANGER OF SENSITIZATION. CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. VAPOUR PRESSURE: 1.3 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	REC	AIR	OCC	TRK	<p>8H-TWA: 0.1 ML/M3; 0.13 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 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 : Hydrazine

RTECS Number : MU7175000

CAS Number : 302-01-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH HYDRAZINE ($\geq 5\%$ BY WEIGHT) 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 ADAQUATE 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>
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). T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). C - CORROSIVE; CAUSES BURNS (R 34). XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: T+ - VERY TOXIC; FLAMMABLE (R 10); VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); CAUSES BURNS (R 34); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (§ 36/37/39); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (§ 45). CLASSIFICATION OF PREPARATIONS CONTAINING HYDRAZINE IN CONCENTRATION RANGE: ABOVE 10%: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); CAUSES BURNS (R 34); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 7% TO 10%: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); IRRITATING TO EYES AND SKIN (R 36/38); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 5% TO 7%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); IRRITATING TO EYES AND SKIN (R 36/38); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 1% TO 5%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 0.1% TO 1%: 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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.1 MG/M3 (0.1 PPM). 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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2PE (APPLIES TO ANHYDROUS HYDRAZINE AND AQUEOUS SOLUTIONS CONTAINING MORE THAN 64%, BY WEIGHT, HYDRAZINE)</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 : Hydrazine

RTECS Number : MU7175000

CAS Number : 302-01-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2P (APPLIES TO HYDRAZINE HYDRATE AND AQUEOUS SOLUTIONS OF HYDRAZINE CONTAINING NOT MORE THAN 64%, BY WEIGHT, HYDRAZINE)</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: 3 = INFLAMMABLE LIQUIDS. SUBSIDIARY RISK LABELS: POISON, CORROSIVE. PACKING GROUP: 1 = GREAT DANGER (1= GREAT DANGER-III=MINOR DANGER). (APPLIES TO ANHYDROUS HYDRAZINE OR HYDRAZINE AQUEOUS SOLUTIONS WITH MORE THAN 64 PERCENT HYDRAZINE (WT/WT) OR TO HZDRAZINE BASE, ANHYDROUS OR AQUEOUS SOLUTIONS). UN NO. 2029</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,10004,1990 <u>Effective Date</u> : JAN1991</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 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 0.1 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>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.01 MG/L HAZARD CLASS: II</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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.1 MG/M3 (VAPOUR) (INCL. HYDRAZINE DERIVATIVES) HAZARD CLASS: I</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>
SWE	REG	AIR	OCC	HLV	<p>ID-TWA: 0.1 MG/M3 (0.1 PPM); 15 MIN - STEL: 0.4 MG/M3 (0.3 PPM). SKIN ABSORPTION. CARCINOGENIC, 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 : Hydrazine

RTECS Number : MU7175000

CAS Number : 302-01-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUIDS. SUBSIDIARY RISKS: 6.1 = POISONOUS SUBSTANCE AND 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO ANHYDROUS HYDRAZINE OR HYDRAZINE AQUEOUS SOLUTIONS WITH MORE THAN 64 PERCENT HYDRAZINE, WT/WT). UN NO. 2029 <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) 0.1 PPM, 0.1 MG/M3, SKIN 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>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH",,11,1991 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	80 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,124,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,124,1990 <u>Entry / Update :</u> OCT1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=1,000 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	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	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 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> 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	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 5 PINTS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. 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. (APPLIES ALSO TO HYDRAZINE, AQUEOUS) <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 : Hydrazine

RTECS Number : MU7175000

CAS Number : 302-01-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 5 PINTS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE SEGREGATED AS FOR CORROSI VES. 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. (APPLIES ALSO TO HYDRAZINE ANHYDROUS)</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>
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>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	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>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>

Common Name : **Hydrochloric Acid**RTECS Number : **MW4025000**CAS Number : **7647-01-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 7 MG/M3 (5 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*,24170,1,1,1979 <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 LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1789. CLASS (8): CORROSIVE; CLASS (9.2): HAZARDOUS TO THE ENVIRONMENT. SPECIAL PROVISIONS: 72, 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. 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. (APPLIES ALSO TO SOLUTION)</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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HARD-SURFACE DISINFECTANT; SWIMMING POOL BACTERICIDE. (FORMULATION: SOLUTION). CODE HCL. 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: CEILING LIMIT - 5 PPM, 7 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	WASTE	EMI	MPC	<p>NO PERSON SHALL OPERATE A MOBILE PCB DESTRUCTION OR TREATMENT SYSTEM THAT RELEASES INTO THE ENVIRONMENT A GAS THAT CONTAINS A CONCENTRATION OF HYDROGEN CHLORIDE THAT EXCEEDS 75 MG PER NORMAL CUBIC METRE. THIS LIMIT IS PRESCRIBED BY THE FEDERAL MOBILE PCB TREATMENT AND DESTRUCTION REGULATIONS WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE). THE REGULATIONS ENCOMPASS LIMITS FOR DISCHARGES INTO THE ENVIRONMENT FROM ALL PCB DESTRUCTION/TREATMENT SYSTEMS.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,1,20,1990 <u>Effective Date :</u> 14DEC1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>

Common Name : Hydrochloric Acid

RTECS Number : MW4025000

CAS Number : 7647-01-0

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2186. CLASS (2.4): CORROSIVE GAS. SPECIAL PROVISIONS: 46, 56, 100, 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. (APPLIES ALSO TO 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					
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	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING HYDROCHLORIC 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 THE MANNER 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 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					
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1050. CLASS (2.4): CORROSIVE GAS. SPECIAL PROVISIONS: 46, 56, 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.
<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: 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	-	MPC	LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 1-2G/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					

Common Name : **Hydrochloric Acid**RTECS Number : **MW4025000**CAS Number : **7647-01-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD GOODS	-	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 10-30 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	GOODS	-	PRO	PROHIBITED IN SOME COSMETIC PRODUCTS <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	AIR	EMI	MXL	EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 30 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 30 MG/M3 (ALL LIMITS APPLY TO GASEOUS CHLORINE SUBSTANCES EXPRESSED AS HCL 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 THIRD GROUP OF AIR POLLUTANTS (GASEOUS INORGANIC AIR POLLUTANT) (APPLIES TO INORGANIC GASEOUS CHLORINE COMPOUNDS EXPRESSED AS HCL) <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 USE	ADDIT ADDIT	MXL PRMT	MXL: 1.2 G/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	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 ALL WASTE INORGANIC ACIDS) <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	MAK	8H-TWA: 5 ML/M3 (PPM); 7 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 ML/M3 (PPM); 14 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 ARBEITSSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
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

Common Name : **Hydrochloric Acid**RTECS Number : **MW4025000**CAS Number : **7647-01-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF 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 HYDROGEN CHLORIDE: IW1 = 0.10 MG/M3 AND IW2 = 0.20 MG/M3, CALCULATED AS CL. 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	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH HYDROGEN CHLORIDE AS LIQUEFIED GAS IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH HYDROGEN CHLORIDE AS LIQUEFIED GAS 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 HYDROGEN CHLORIDE AS LIQUEFIED GAS 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	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 : **Hydrochloric Acid**RTECS Number : **MW4025000**CAS Number : **7647-01-0****Area Type Subject Spec. Description Level / Summary Information :**

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 OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 25 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 250 TONNES. <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> : 01JUN1990 <u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : FEB1992
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: 250 (LESS THAN 1 TONNE/H); 100 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 50 (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% CO ₂ , DRY GAS SHALL APPLY TO NEW MUNICIPAL WASTE INCINERATION PLANTS. <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
EEC	REG	FEED	ADDIT	PRMT	HYDROCHLORIC ACID MAY BE ADDED AS A PRESERVATIVE (EEC NO E507) 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. <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	AQ WASTE	EEC EMI REMOV	PRO RQR	WHERE THE CHLORIDE PROCESS IS USED, STRONG ACID WASTE MEANS WASTE CONTAINING MORE THAN 0.5% FREE HYDROCHLORIC ACID AND VARIOUS HEAVY METALS. IT IS PROHIBITED TO DISCHARGE SUCH WASTE INTO INLAND SURFACE WATERS, INTERNAL COASTAL WATERS, TERRITORIAL SEA WATERS AND THE HIGH SEA. ALL WASTE FROM THE TITANIUM DIOXIDE INDUSTRY, IN PARTICULAR, WASTE SUBJECT TO PROHIBITION ON DISCHARGE INTO WATER OR AIR IS TO BE AVOIDED, REUSED OR DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR THE ENVIRONMENT. <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). <u>Reference</u> : OJEC**,L201,,56,1989 <u>Effective Date</u> : 31DEC1989 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1991
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: 250 (LESS THAN 1 TONNE/H); 100 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 50 (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% CO ₂ , 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. <u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON THE REDUCTION OF AIR POLLUTION FROM EXISTING MUNICIPAL WASTE INCINERATION PLANTS. (89/429/EEC). <u>Reference</u> : OJEC**,L203,,50,1989 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : 1991
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 OUT OF REACH OF CHILDREN (S 2); 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 25%: C - CORROSIVE; CAUSES BURNS (R 34); IRRITATING TO RESPIRATORY SYSTEM (R 37). FROM 10% TO 25%: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). THE PERCENTAGE CONCENTRATION 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

Common Name : Hydrochloric Acid

RTECS Number : MW4025000

CAS Number : 7647-01-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FEED	ADDIT	PRMT	<p>HYDROCHLORIC ACID (E507) 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> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: C - CORROSIVE; CAUSES SEVERE BURNS (R 35). XI - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM (R 37). LABEL: C - CORROSIVE; CAUSES SEVERE BURNS (R 35); IRRITATING TO RESPIRATORY SYSTEM (R 37); 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); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO ANHYDROUS HYDROGEN 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	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 ACIDS.</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	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE LIQUEFIED HYDROGEN CHLORIDE GAS (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 250 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/BEC, 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 HYDROCHLORIC ACID EXPRESSED AS CL- MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE. (APPLIES TO CHLORIDE)</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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2R (APPLIES TO HYDROCHLORIC ACID SOLUTIONS)</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: 7 MG/M3 (5 PPM). STEL (10 MIN-TWA): 7 MG/M3 (5 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 : **Hydrochloric Acid**RTECS Number : **MW4025000**CAS Number : **7647-01-0**

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 25 TONNES (LIQUEFIED GAS), 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 250 TONNES (LIQUEFIED GAS), 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	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OF HYDROGEN CHLORIDE OR ANY OF ITS ACIDS AND ANY PROCESS FOR THE MANUFACTURE OF CHEMICALS (OTHER THAN THE COATING, PLATING OR PICKLING OF METAL) WHICH MAY RESULT IN THE RELEASE INTO THE AIR OF HYDROGEN CHLORIDE, 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: 2R (APPLIES TO HYDROCHLORIC ACID SOLUTIONS)</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 LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: TOXIC GAS. EMERGENCY ACTION CODE: 2RE (APPLIES TO REFRIGERATED LIQUID HYDROGEN CHLORIDE)</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	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>
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 HYDROCHLORIC ACID SOLUTION). UN NO. 1789</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 : **Hydrochloric Acid**RTECS Number : **MW4025000**CAS Number : **7647-01-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: CORROSIVE. (APPLIES TO THEANHYDROUS SUBSTANCE), UN NO. 1050 <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
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 REPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 25T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 250 T. (APPLIES TO HYDROGEN CHLORIDE (LIQUEFIED GAS)). <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
IND	REG	WASTE - WASTE REMOV		CLASS RQR	WASTES CONTAINING THE SUBSTANCE ARE CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO ALL ACID WASTES). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 200 KG/YEAR (CALCULATED AS ACIDS) 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	REC	AIR	OCC	MAC	CLV: 7.5 MG/M3 (5 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

Common Name : **Hydrochloric Acid**RTECS Number : **MW4025000**CAS Number : **7647-01-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	AIR	EMI	MXL	STANDARD VALUE: 80 MG/N M3 <u>Title</u> : NATIONAL EMISSION STANDARDS <u>Reference</u> : QEJPN*,343-348,1989 <u>Last Amendment</u> : <u>Effective Date</u> : <u>Entry / Update</u> : DEC1991
JPN	REG	GOODS PACK	CONSM	MXL RQR	LESS THAN 10% (AS AMOUNT OF ACID) IN LIQUID-TYPE CLEANSER FOR HOUSEHOLD USE (EXCEPT DELETERIOUS PREPARATIONS CONTAINING HYDROCHLORIC ACID AND/OR SULFURIC ACID). THE CONTAINER SHOULD HAVE THE SPECIFIED SOLIDITY. <u>Title</u> : LAW FOR THE CONTROL OF HOUSEHOLD PRODUCTS CONTAINING HARMFUL SUBSTANCES <u>Reference</u> : CHPHS*,1974 <u>Last Amendment</u> : CHPHS*,1980 <u>Effective Date</u> : 01OCT1974 <u>Entry / Update</u> : NOV1991
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS STARCH MODIFYING 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,,404,1978 <u>Last Amendment</u> : <u>Effective Date</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>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 7 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: 5.0 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	AIR	AMBI	MAC	0.2 MG/M3 1X/D, 0.2 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	CLV: 8 MG/M3 (5 PPM) (15 MIN -TWA). <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 RISK: 8 = CORROSIVE. (APPLIES TO REFRIGERATED LIQUID HYDROGEN CHLORIDE). UN NO. 2186 <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: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO HYDROCHLORIC ACID SOLUTION). UN NO. 1789 <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : UNTDG*,15,1989 <u>Effective Date</u> : <u>Entry / Update</u> : AUG1990

Common Name : Hydrochloric Acid

RTECS Number : MW4025000

CAS Number : 7647-01-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK : 8 = CORROSIVE.(APPLIES TO THE ANHYDROUS SUBSTANCE). UN NO. 1050 <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	100 PPM /HYDROGEN CHLORIDE GAS/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,126,1990 <u>Last Amendment :</u> XPHPAW,90,117,126,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	CEILING LIMIT 5 PPM, 7.5 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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	REFRIGERATED LIQUID: 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 IN ACCORDANCE TO 49 CFR 17.3. VESSEL SHIPMENTS MUST BE STOWED IN WELL VENTILATED SPACE. 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
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	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 1 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. FOR VESSEL TRANSPORTATION GLA \$\$ CARBOYS NOT PERMITTED ON PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED CORROSIVE. MIXTURE: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT AND PASSENGER VESSELS ON DECK. FOR VESSEL TRANSPORTATION GLASS CARBOYS NOT PERMITTED ON PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED CORROSIVE. SOLUTION, 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 1 GALLON/PACKAGE. FOR VESSEL TRANSPORTATION GLASS CARBOYS NOT PERMITTED ON PASSENGER VESSELS. 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 : **Hydrochloric Acid**RTECS Number : **MW4025000**CAS Number : **7647-01-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME MINERAL ACIDSTHIS 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.</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=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	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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>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 DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.304. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM LIVING QUARTERS. ALL SHIPMENTS MUST BE LABELED NONFLAMMABLE GAS.; 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 : Hydrogen Cyanide

RTECS Number : MW6825000

CAS Number : 74-90-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 10 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*,24170,1,1,1979 <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	-	MRL	<p>GENERAL: 0 MG/KG; STORED GRAIN: 25 MG/KG (MAXIMUM TOLERABLE LIMIT OF ACIDIC RESIDUES)</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>
BRA	REG	AIR	OCC	AL	<p>9 MG/M3 (8 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	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: CEILING LIMIT - 10 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>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, RESTRICTED USE AS INSECTICIDE; RODENTICIDE. (FORMULATION: DUST OR POWDER). CODE HCN. 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>

Common Name : Hydrogen Cyanide

RTECS Number : MW6825000

CAS Number : 74-90-8

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH NOT MORE THAN 20%, HYDROGEN CYANIDE. PIN (PRODUCT IDENTIFICATION NO.): UN1613. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 83, 99, 102, 109, 118. PACKING GROUP 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. (APPLIES ALSO TO AQUEOUS 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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH MORE THAN 20% HYDROGEN CYANIDE. PIN (PRODUCT IDENTIFICATION NO.): UN1051. CLASS(2.3): POISON GAS; CLASS (2.1): FLAMMABLE GAS. SPECIAL PROVISIONS: 46, 56, 79, 84, 89, 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 SHIPPINGNAME FOUND IN THE REGULATIONS. THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO ANHYDROUS STABILIZED, LIQUEFIED AND AQUEOUS SOLUTIONS OF HCN)</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	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA PRODUCTS USED IN POLISHING, CLEANING OR PLATING METAL THAT CONTAINS HYDROCYANIC ACID OR SALTS OF HYDROCYANIC ACID AND 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> MCH1991</p>
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS. MRL = 25 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>

Common Name : **Hydrogen Cyanide**RTECS Number : **MW6825000**CAS Number : **74-90-8**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>ABSORBED IN AN INERT POROUS MATERIAL. PIN (PRODUCT IDENTIFICATION NO.); UN1614. CLASS(6.1): POISONOUS. SPECIAL PROVISIONS: 46, 48, 83, 99, 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: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PROHIBITED. 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	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: 3.0 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	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS (APPLIES TO HYDROGEN CYANIDE AND ITS DERIVATIVES)</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	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 1-75 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	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	REC	AQ USE	-	CLASS RQR	<p>INDST</p>

Common Name : **Hydrogen Cyanide**RTECS Number : **MW6825000**CAS Number : **74-90-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 ML/M3 (PPM); 11 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 20 ML/M3 (PPM); 22 MG/M3: AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. VAPOUR PRESSURE: 80.0 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN*1992</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	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-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>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF HYDROGEN CYANIDE MUST NOT EXCEED 5 MG/M3 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	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	USE IMPRT	PESTI	RSTR RSTR	<p>APPLICATION OF HYDROCYANIC ACID (HCN) AND HCN GENERATING COMPOUNDS ONLY ADMISSABLE FOR FUMIGATION: 1. IN MILLS, WAREHOUSES, STORAGE ROOMS AND OTHER ROOMS IN FOOD-PRODUCING PLANTS AND IN MEANS OF TRANSPORTATION AND TRANSPORT CONTAINERS AGAINST PESTS OF STORED FOOD; 2. OF PLANTS IN ARREST OF GROWTH; 3. IN HOHOUSES. HCN AND HCN GENERATING COMPOUNDS 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 HCN OR HCN GENERATING COMPOUNDS MAY NOT BE IMPORTED EXCEPT WHEN HCN OR HCN GENERATING COMPOUNDS WERE 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> : 01SEP*1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>

Common Name : Hydrogen Cyanide

RTECS Number : MW6825000

CAS Number : 74-90-8

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 20 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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). LABEL: F - HIGHLY FLAMMABLE; T+ - VERY TOXIC; EXTREMELY FLAMMABLE (R 12); VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE (S 7/9); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); 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	FOOD	-	MXL	<p>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 1 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.</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	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: 20 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	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF HYDROCYANIC ACID IN STRAIGHT FEEDINGSTUFFS : 50 MG/KG, IN COMPLETE FEEDINGSTUFFS : 50 MG/KG AND IN CERTAIN SPECIFIED FEEDINGSTUFFS : 10-350 MG/KG (COUNCIL DIRECTIVE 74/63/EEC (EFFECTIVE DATE : 1.1.1976) : OJEC L38, P.31, 1974 AS LAST AMENDED BY THE REFERENCE GIVEN)</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> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 15 MG/KG (APPLIES TO CYANIDES, EXPRESSED AS HYDROGEN CYANIDE)</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>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.05 MG/KG BW; MRL: CEREAL GRAINS: 75 MG/KG; FLOUR: 6 MG/KG (INCLUDES ALL CYANIDES, EXPRESSED AS HYDROGEN CYANIDE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,45-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : Hydrogen Cyanide

RTECS Number : MW6825000

CAS Number : 74-90-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE MANUFACTURE OF HYDROGEN CYANIDE OTHER THAN IN THE COURSE OF FUMIGATION; ANY MANUFACTURING PROCESS INVOLVING THE USE OF HYDROGEN CYANIDE; ANY PROCESS FOR THE MANUFACTURE OF A CHEMICAL WHICH MAY RESULT IN THE RELEASE INTO THE AIR OF HYDROGEN CYANIDE 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,,,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 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 20 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 15 MG/KG FOOD (EXPRESSED AS HYDROGEN CYANIDE) (APPLIES TO CYANIDE RESIDUES) 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 20 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	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 20 OR MORE TONS OF HYDROGEN CYANIDE 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	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 HYDROGEN CYANIDE AND METAL CYANIDES EXCEPT FERROCYANIDES AND FERRICYANIDES) (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>

Common Name : Hydrogen Cyanide

RTECS Number : MW6825000

CAS Number : 74-90-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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. (APPLIES TO HYDROGEN CYANIDE EXCEPT SUBSTANCES CONTAINING LESS THAN 0.15 PER CENT, WEIGHT IN WEIGHT, OF HCN, AND TO METAL CYANIDES, OTHER THAN FERROCYANIDES AND FERRICYANIDES, EXCEPT SUBSTANCES CONTAINING LESS THAN THE EQUIVALENT OF 0.1 PER CENT, WEIGHT IN WEIGHT, OF HYDROGEN CYANIDE (HCN)) (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	FEED SALE USE		MRL RSTR RSTR	<p>THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 10-350 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> GBRSI*,2840,,1991 <u>Effective Date :</u> 22JAN1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AIR	OCC	OES	<p>STEL (10MI-TWA): 10 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>
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. (APPLIES TO ANHYDROUS, STABILIZED HYDROGEN CYANIDE). UN NO.1051.</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 = VERY DANGEROUS SUBSTANCE. (APPLIES TO ANHYDROUS, STABILIZED HYDROGEN CYANIDE ABSORBED IN A POROUS INERT MATERIAL).UN NO.1614.</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. FOR ISOLATED STORAGES, THE REPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 5T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 20 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>

Common Name : Hydrogen Cyanide

RTECS Number : MW6825000

CAS Number : 74-90-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	AIR	OCC	MAC	TWA: 5.5 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
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 6.0-25.0 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 CONCENTRATION OF 40 MG/M3 (10 PPM) SHOULD NEVER BE EXCEEDED AT ANY TIME. <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 EXPORTED AND IMPORTED BY CMEA COUNTRIES: 6.0-10.0 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	AIR	OCC	MAC CLASS	CLV : 0.3 MG/M3 (VAPOUR) 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	AIR	AMBI	MAC	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
SWE	REG	AIR	OCC	HLV	CLV: 5 MG/M3 (15 MIN -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>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 = VERY DANGEROUS SUBSTANCE. (APPLIES TO ANHYDROUS, STABILIZED HYDROGEN CYANIDE ABSORBED IN A POROUS INERT MATERIAL). UN NO.1614. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,,15,1989 <u>Entry / Update</u> : SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (SUSIDIARY RISK: 3 = INFLAMMABLE LIQUID). PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO ANHYDROUS AND STABILIZED HYDROGEN CYANIDE). UN NO.1051. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,,15,1989 <u>Entry / Update</u> : SEP1982

Common Name : **Hydrogen Cyanide**RTECS Number : **MW6825000**CAS Number : **74-90-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 AQUEOUS SOLUTIONS OF HYDROCYANIC ACID WITH NOT MORE THAN 20% HYDROCYANIC ACID). UN NO. 1613. <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	CEILING LIMIT 10 PPM, 11 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	50 PPM. AS CN <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,126,1990 <u>Last Amendment :</u> XPHPAW,90,117,126,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
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> 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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	5% IN SOLUTION: 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 SHADED FROM RADIANT HEAT AND SEGREGATED AS FOR FLAMMABLE GASES. AQUEOUS SOLUTIONS MORE THAN 20% ARE FORBIDDEN IN WATER TRANSPORTATION. LIQUIFIED: 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 LABELED POISON GAS AND FLAMMABLE GAS. UNSTABILIZED: FORBIDDEN IN TRANSPORT. LESS THAN 5%: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE SHADED FROM RADIANT HEAT. 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>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	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 : Hydrogen Cyanide

RTECS Number : MW6825000

CAS Number : 74-90-8

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	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, 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	FORMULATIONS WITH HYDROCYANIC ACID AS THE SOLE ACTIVE INGREDIENT ARE RESTRICTED FOR ON TOBACCO. NO MIXTURES CONTAINING HYDROCYANIC ACID 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> CFRUS*,40,152,175,1990 <u>Effective Date :</u> 1978 <u>Last Amendment :</u> FEREAC,43,,5790,1978 <u>Entry / Update :</u> JAN1992
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	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 HYDROCYANIC ACID AS THE SOLE ACTIVE INGREDIENT ARE RESTRICTED FOR ON TOBACCO. NO MIXTURES CONTAINING HYDROCYANIC ACID 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

Common Name : **Hydrogen Fluoride**RTECS Number : **MW7875000**CAS Number : **7664-39-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 2.5 MG/M3 (3 PPM) (CALCULATED AS F).</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	TRNSP LABEL PACK	-	CLASS RQR	<p>NOT MORE THAN 60% HYDROGEN FLUORIDE. PIN (PRODUCT IDENTIFICATION NO.): UN1790. CLASS(8): CORROSIVE; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 99, 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. 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	TRNSP LABEL PACK	-	CLASS RQR	<p>MORE THAN 60% HYDROGEN FLUORIDE. PIN (PRODUCT IDENTIFICATION NO.): UN1790. CLASS(8): CORROSIVE; CLASS (6.1): POISONOUS CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 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: 0.5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 2.5 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 SOLUTION)</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>(INTENDED CHANGES - TWA: 3 PPM, 2.5 MG/M3; STEL: 6 PPM, 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 : Hydrogen Fluoride

RTECS Number : MW7875000

CAS Number : 7664-39-3

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.): UN1052. CLASS (2.4): CORROSIVE GAS; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 88, 89, 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>
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 GASEOUS FLUORINE SUBSTANCES EXPRESSED AS HF 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	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>
DEU	REC	AQ USE	-	CLASS RQR	<p>INDST</p> <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	BAT	<p>URINE: 7.0 MG/G CREATININE, AS FLUORIDE. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT. URINE: 4.0 MG/G CREATININE, AS FLUORIDE. SAMPLING TIME: AT THE BEGINNING OF THE NEXT SHIFT. APPLIES TO HYDROGEN FLUORIDE AND INORGANIC FLUORINE COMPOUNDS.</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,,99,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> FEB1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 3 ML/M3 (PPM); 2 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 6 ML/M3 (PPM); 4 MG/M3; CEILING VALUE; 8X/SHIFT. APPLIES TO HYDROGEN FLUORIDE. 8H-TWA: 2.5 MG/M3. LOCAL IRRITANT. 5 MIN - STEL: 5 MG/M3. APPLIES TO FLUORIDES AND HYDROGEN FLUORIDE WHERE BOTH ARE SIMULTANEOUSLY PRESENT.</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>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF FLUORINE AND HIS VAPOROUS OR GASEOUS COMPOUNDS MUST NOT EXCEED 5 MG/M3 (CALCULATED AS HYDROGEN FLUORIDE) 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>

Common Name : Hydrogen Fluoride

RTECS Number : MW7875000

CAS Number : 7664-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 ADVERSE AND NUISANCE EFFECTS - SHOULD BE TAKEN INTO ACCOUNT FOR HYDROGEN FLUORIDE AND INORGANIC GASEOUS FLUORINE COMPOUNDS: IW1 = 1.0 UG/M3 AND IW2 = 3.0 UG/M3, CALCULATED AS F. 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	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: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: T+ - VERY TOXIC; C - CORROSIVE; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); 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); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). CLASSIFICATION OF PREPARATIONS CONTAINING HYDROGEN FLUORIDE IN CONCENTRATION RANGE: ABOVE 7%: T+ - VERY TOXIC; C - CORROSIVE; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); CAUSES SEVERE BURNS (R 35). FROM 1% TO 7%: T - TOXIC; C - CORROSIVE; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); CAUSES BURNS (R 34). FROM 0.1% TO 1%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); IRRITATING TO EYES (R 36). THE 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	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); 4 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 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.</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 : **Hydrogen Fluoride**RTECS Number : **MW7875000**CAS Number : **7664-39-3**

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	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); 4 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 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.</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	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> : GBR SI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBR SI*,2325,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>POLISHING OR ETCHING GLASS OR GLASS PRODUCTS IN THE COURSE OF ANY MANUFACTURING PROCESS IF HYDROFLUORIC ACID IS USED OR HYDROGEN FLUORIDE MAY BE RELEASED 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,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>STEL (10 MIN-TWA): 2.5 MG/M3 (3 PPM). CALCULATED AS F.</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	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. (APPLIES TO HYDROFLUORIC ACID, ALKALI METAL BIFLUORIDES, AMMONIUM BIFLUORIDE, ALKALI METALFLUORIDES, AMMONIUM FLUORIDE, AND SODIUM SILICOFLUORIDE)</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBR SI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2PE (APPLIES TO HYDROFLUORIC ACID SOLUTIONS CONTAINING LESS THAN 60% HYDROGEN FLUORIDE)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBR SI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>

Common Name : Hydrogen Fluoride

RTECS Number : MW7875000

CAS Number : 7664-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 4WE (APPLIES TO HYDROFLUORIC ACID SOLUTIONS CONTAINING 60% OR MORE HYDROGEN FLUORIDE)</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 LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: TOXIC GAS. EMERGENCY ACTION CODE: 4WE (APPLIES TO ANHYDROUS HYDROGEN FLUORIDE)</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 10 OR MORE TONS OF HYDROGEN FLUORIDE 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	MANUF AIR	INDST EMI	RQR RSTR	<p>POLISHING OR ETCHING GLASS OR GLASS PRODUCTS IN THE COURSE OF ANY MANUFACTURING PROCESS IF HYDROFLUORIC ACID IS USED OR HYDROGEN FLUORIDE MAY BE RELEASED INTO THE AIR, 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>ANY PROCESS FOR THE MANUFACTURE OF HYDROGEN FLUORIDE OR ANY OF ITS ACIDS AND ANY PROCESS FOR THE MANUFACTURE OF CHEMICALS (OTHER THAN THE COATING, PLATING OR PICKLING OF METAL) WHICH MAY RESULT IN THE RELEASE INTO THE AIR OF HYDROGEN FLUORIDE, 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	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 HYDROFLUORIC ACID EXPRESSED AS F- MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE. (APPLIES TO FLUORIDE)</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>

Common Name : **Hydrogen Fluoride**RTECS Number : **MW7875000**CAS Number : **7664-39-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	MANUF AIR STORE	INDST EMI	RQR RSTR RQR	<p>THE STORAGE OF ANHYDROUS HYDROGEN FLUORIDE EXCEPT WHERE THE TOTAL CAPACITY OF THE TANKS INSTALLED AT THE LOCATION IN QUESTION IN WHICH THE SUBSTANCE MAY BE STORED IS LESS THAN 1 TONNE 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>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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I/II = GREAT DANGER/MEDIUM DANGER. (APPLIES TO HYDROFLUORIC ACID, SOLUTION). UN NO. 1790</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 SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I = GREAT DANGER (I = GREAT DANGER - III = MINOR DANGER) (APPLIES TO HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURES) UN NO.1786</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. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DAN GER). (APPLIES TO THE ANHYDROUS SUBSTANCE). UN NO. 1052</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 : Hydrogen Fluoride

RTECS Number : MW7875000

CAS Number : 7664-39-3

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 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 5T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 50 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: 2.5 MG/M3 (3 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: 1.0-20 MG/N M3 FOR FLUORINE COMPOUNDS (FLUORINE, HYDROGEN FLUORIDE AND SILICON FLUORIDE). VALUE DIFFERS DEPENDING ON TYPE OF FACILITY.</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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2.5 MG/M3 (3 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 5 MG/M3 (6 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: 0.5 MG/M3; TWA: 0.1 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>0.02 MG/M3 1X/D, 0.005 MG/M3 AV/D (APPLIES TO GASEOUS FLUORINE COMPOUNDS, CALCULATED AS FLUORINE)</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>ID-TWA: 2 MG/M3, APPLIES TO ALL FLUORIDES INCL. HYDROGEN FLUORIDE, CALCULATED AS F. CLV: 1.7 MG/M3 (2 PPM) (15 MIN -TWA), APPLIES TO HYDROGEN FLUORIDE ALONE.</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 : **Hydrogen Fluoride**

RTECS Number : **MW7875000**

CAS Number : **7664-39-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO HYDROFLUORIC ACID SOLUTION). UN NO. 1790 <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. SUBSIDIARY RISK : 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO THE ANHYDROUS SUBSTANCE). UN NO. 1052 <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. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE PACKING GROUP: I = GREAT DANGER (II = MEDIUM DANGER - III = MINOR DANGER) (APPLIES TO HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURES UN NO.1786 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> NOV1990
USA	REC	AIR	OCC	TLV	CEILING LIMIT 3 PPM, 2.6 MG/M3. AS FTHIS 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	30 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,126,1990 <u>Last Amendment :</u> XPHPAW,90,117,126,1990 <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	CLASS AIR AQ	INDST 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
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

Common Name : Hydrogen Fluoride

RTECS Number : MW7875000

CAS Number : 7664-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>FOR USE ONLY AS BONDING AGENT FOR ALUMINUM FOIL, STABILIZER, OR PRESERVATIVE. TOTAL FLUORIDE FROM ALL SOURCES NOT TO EXCEED 1 PERCENT BY WEIGHT OF THE FINISHED ADHESIVE. 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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=100 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>CORROSIVE 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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>CORROSIVE 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>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 110 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE SEGREGATED AS FOR NONFLAMMABLE GASES. 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.</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 : **Hydrogen Fluoride**RTECS Number : **MW7875000**CAS Number : **7664-39-3****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 1 GALLON/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.244. 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 SOLUTION)
					<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	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 : **Hydrogen Peroxide**RTECS Number : **MX0900000**CAS Number : **7722-84-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 1.5 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
CAN	REG	AIR	OCC	TLV	TWA: 1 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". <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	WITH MORE THAN 60% HYDROGEN PEROXIDE. PIN (PRODUCT IDENTIFICATION NO.): UN2015. CLASS(5.1): OXIDIZER; CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 46, 56, 78, 84, 99. 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: 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 SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO STABILIZED, AND STABILIZED AQUEOUS SOLUTIONS) <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 GOODS	-	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 1-2 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	GOODS	-	RSTR MXL	MAXIMUM LIMITS IN COSMETICS; 25-100 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

Common Name : **Hydrogen Peroxide**RTECS Number : **MX0900000**CAS Number : **7722-84-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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: 1 ML/M3 (PPM); 1.4 MG/M3 (20C. 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 2 ML/M3 (PPM); 2.8 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>
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 AQ	DRINK DRINK	PRMT MPC	<p>PERMITTED AS AN ADDITIVE IN DRINKING WATER PROCESSING. MAY ONLY BE USED FOR OXIDATION. PERMITTED ADDITION: 17 MG/L (CALCULATED AS H2O2) CORRESPONDING TO ABOUT 500 MMOLE/M3. MAXIMUM PERMISSIBLE CONCENTRATION AFTER PROCESSING: 0.1 MG/L (CALCULATED AS H2O2) CORRESPONDING TO ABOUT 3 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE + - 0.05 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	WASTE	-	RQR	<p>WASTE CONTAINING OR CONTAMINATED BY PEROXIDES 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>

Common Name : Hydrogen Peroxide

RTECS Number : MX0900000

CAS Number : 7722-84-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY PEROXIDES 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: O - OXIDIZING; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: O- OXIDIZING; C - CORROSIVE; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8); CAUSES BURNS (R 34); KEEP IN A COOL PLACE (S 3); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND EYE/FACE PROTECTION (S 36/39). CLASSIFICATION OF PREPARATIONS CONTAINING HYDROGEN PEROXIDE IN CONCENTRATION RANGE: ABOVE 60%: O - OXIDIZING; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). ABOVE 20%: C - CORROSIVE; CAUSES BURNS (R 34). FROM 5% TO 20%: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). THE 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>
FW	REC	FOOD	-	ADI	<p>ACCEPTABLE AS PART OF LACTOPEROXIDASE/THIOCYANATE/HYDROGENPEROXIDE SYSTEM FOR MILK PRESERVATION.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : WHOTAC,789,,44,1990 <u>Effective Date</u> : 1990</p> <p><u>Entry / Update</u> : JUL1990</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 1.5 MG/M3 (1 PPM). STEL (10 MIN-TWA): 3 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> : 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 C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO HYDROGEN PEROXIDE SOLUTIONS OVER 8% BUT NOT OVER 70%).</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 : OXIDIZING SUBSTANCE. EMERGENCY ACTION CODE : 2PE (APPLIES TO HYDROGEN PEROXIDE AND ITS AQUEOUS SOLUTIONS (STABILIZED) CONTAINING MORE THAN 60% HYDROGEN PEROXIDE)</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 : **Hydrogen Peroxide**RTECS Number : **MX0900000**CAS Number : **7722-84-1****Area Type Subject Spec. Description Level / Summary Information :**

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. SUBSIDIARY RISK LABEL: CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO 20-60% AQUEOUS SOLUTIONS, STABILIZED AS NECESSARY). UN NO.2014. <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. SUBSIDIARY RISK LABEL: CORROSIVE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO HYDROGEN PEROXIDE, STABILIZED OR HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS, STABILIZED WITH MORE THAN 60% HYDROGEN PEROXIDE). UN NO.2015. <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 HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS, WITH NOT LESS THAN 8 PERCENT BUT LESS THAN 20 PERCENT HYDROGEN PEROXIDE (STABILIZED AS NECESSARY)). UN NO. 2984 <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 ADDITIVE PERMITTED AS STARCH MODIFYING AGENT. THE 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,,404,1978 <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 1.5 MG/M3 (1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 3 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>Last Amendment :</u> DOMEX*,,,1989	<u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
SWE	REG	AIR	OCC	HLV	1D-TWA: 1.4 MG/M3 (1 PPM); CLV (15 MIN -TWA): 3 MG/M3 (2 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: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS, WITH NOT LESS THAN 8 PERCENT BUT LESS THAN 20 PERCENT HYDROGEN PEROXIDE (STABILIZED AS NECESSARY)). UN NO. 2984 <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: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO SOLUTIONS >8% - <20% HYDROGEN PEROXIDE). UN NO.2984. <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: 5.1 = OXIDIZING SUBSTANCE. (SUBSIDIARY RISK: 8 = CORROSIVE). PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO HYDROGEN PEROXIDE, STABILIZED OR HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS, STABILIZED WITH MORE THAN 60% HYDROGEN PEROXIDE). UN NO.2015. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> SEP1982

Common Name : **Hydrogen Peroxide**RTECS Number : **MX090000**CAS Number : **7722-84-1**

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 = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO 20-60% AQUEOUS SOLUTIONS, STABILIZED AS NECESSARY). UN NO.2014. <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	75 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,126,1990 <u>Last Amendment :</u> XPHPAW,90,117,126,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 PPM, 1.4 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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	40-50% SOLUTION: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.266. VESSEL SHIPMENTS MUST BE SHADED FROM RADIANT HEAT, SEPARATED FROM PERMANGANATES, AND KEPT AWAY FROM POWDERED METALS. VESSEL SHIPMENTS MUST BE LABELED OXIDIZER.8-40% 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 VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE SHADED FROM RADIANT HEAT, SEPARATED FROM PERMANGANATES, AND KEPT AWAY FROM POWDERED METALS. ALL SHIPMENTS MUST BE LABELED OXIDIZER.OVER 52% 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 SHADED FROM RADIANT HEAT, SEPARATED FROM PERMANGANATES, AND KEPT AWAY FROM POWDERED METALS. CONCENTRATION GREATER THAN 60 % HYDROGEN PEROXIDE NOT PERMITTED ON ANY VESSEL EXCEPT UNDER CONDITIONS APPROVED BY THE DEPT OF TRANSPORTATION. ALL SHIPMENTS MUST BE LABELED OXIDIZER AND 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	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME PEROXY COMPOUNDSTHIS 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

Common Name : Hydrogen Peroxide

RTECS Number : MX0900000

CAS Number : 7722-84-1

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1,000 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. (APPLIES ALSO TO CONC. <52%)</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	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 : **Hydrogen Sulfide**RTECS Number : **MX1225000**CAS Number : **7783-06-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 14 MG/M3 (10 PPM); 15 MIN - STEL: 21 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1053. CLASS (2.1): FLAMMABLE GAS; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 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 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 TO LIQUEFIED HYDROGEN SULPHIDE)</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, 14 MG/M3; STEL: 15 PPM, 21 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 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>
CSK	REG	AQ	SURF	MAC	<p>0.1 MG/L (APPLIES TO FREE HYDROGEN SULFIDE)</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: 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 : **Hydrogen Sulfide**RTECS Number : **MX1225000**CAS Number : **7783-06-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AQ	DRINK	MAC	0.01 MG/L (APPLIES TO FREE HYDROGEN SULFIDE) <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 0.02 MG/L V CLASS: ABOVE 0.02 MG/L (APPLIES TO SUM OF HYDROGEN SULFIDE AND SULFIDES, CALCULATED AS S) <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 DRINK	MAC	0.0 MG/L (APPLIES TO FREE HYDROGEN SULFIDE 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	AIR	OCC	MAK	8H-TWA: 10 ML/M3 (PPM); 15 MG/M3 (20C, 101.3 KPA). SUBSTANCE HAVING INTENSIVE ODOR. 10 MIN- STEL: 20 ML/M3 (PPM); 30 MG/M3; CEILING VALUE; 4X/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 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	AIR	EMI	MPC	IN AIR EMISSIONS THE CONCENTRATION OF HYDROGEN SULFIDE MUST NOT EXCEED 5 MG/M3 AT A MASS FLOW OF 50 G/H OR MORE. <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	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

Common Name : Hydrogen Sulfide

RTECS Number : MX1225000

CAS Number : 7783-06-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : UNDETECTABLE ORGANOLEPTICALLY (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; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). LABEL: F - HIGHLY FLAMMABLE; T+ - VERY TOXIC; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13); VERY TOXIC BY INHALATION (R 26); 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 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 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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 14 MG/M3 (10 PPM). STEL (10 MIN-TWA): 21 MG/M3 (15 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> : GBRSP*,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	INDST EMI	RQR RSTR	<p>THE MANUFACTURE OF HYDROGEN SULPHIDE OTHER THAN IN THE COURSE OF FUMIGATION; ANY MANUFACTURING PROCESS INVOLVING THE USE OF HYDROGEN SULPHIDE; ANY PROCESS FOR THE MANUFACTURE OF A CHEMICAL WHICH MAY RESULT IN THE RELEASE INTO THE AIR OF HYDROGEN SULPHIDE 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> : GBRSP*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Hydrogen Sulfide

RTECS Number : MX1225000

CAS Number : 7783-06-4

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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.) SUBSIDIARY RISK LABEL: FLAMMABLE GAS. UN NO.1053.</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. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 5 T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 50 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	EMI	MXL	<p>RANGE OF REGULATORY STANDARDS ON BOUNDARY LINE: 0.02-0.2 PPM (0.03-0.3 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>
JPN	REC	AIR	OCC	MAC	<p>TWA: 14 MG/M3 (10 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 : Hydrogen Sulfide

RTECS Number : MX1225000

CAS Number : 7783-06-4

Area Type Subject Spec. Description Level / Summary Information :

MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 14MG/M3 (10PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 21MG/M3 (15PPM) 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: 10.0 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	AIR	AMBI	MAC	0.008 MG/M3 1X/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
SWE	REG	AIR	OCC	HLV	1D-TWA; 14 MG/M3 (10 PPM); CLV: 20 MG/M3 (15 PPM) (15 MIN -TWA). <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.) SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID AND 6.1 = POISONOUS SUBSTANCE. UN NO.1053. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,,15,1989 <u>Entry / Update :</u> NOV1990
USA	REC	SAFTY USE	OCC OCC	MXL MXL	300 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,128,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,128,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 PPM, 14 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 15 PPM, 21 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	TRNSP LABEL	-	PRMT CNTRL RQR	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 DECK. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED FLAMMABLE 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

Common Name : Hydrogen Sulfide

RTECS Number : MX1225000

CAS Number : 7783-06-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	EMI	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
		AQ	GRND	RQR	
		AQ	MARIN	RQR	
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	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. <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	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

Common Name : Hydroquinone

RTECS Number : MX3500000

CAS Number : 123-31-9

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*,24170,1,1,1979 <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	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2662. 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 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	AIR	OCC	TLV	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> MAY1991
CSK	REG	GOODS	-	PRO	PROHIBITED IN COSMETICS <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
DEU	REC	AIR	OCC	MAK	8H-TWA: 2 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 4 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 ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : **Hydroquinone**RTECS Number : **MX350000**CAS Number : **123-31-9**Area Type Subject Spec. Description Level / Summary Information :

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	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	FOOD PACK	- ADDIT	- PRMT	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: 0,6 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). <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). <u>Reference :</u> OJEC**,L75,,19,1990 <u>Effective Date :</u> 31DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> 1991
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 20/22); KEEP OUT OF REACH OF CHILDREN (S 2); AVOID CONTACT WITH SKIN AND EYES (S 24/25); WEAR EYE/FACE PROTECTION (S 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
GBR	REG	AIR	OCC	OES	8H-TWA: 2 MG/M3. STEL (10 MIN-TWA): 4 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. (APPLIES TO THE SUBSTANCE, LIQUID OR SOLID). UN NO. 2662 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,10004,1990 <u>Entry / Update :</u> JAN1991

Common Name : Hydroquinone

RTECS Number : MX3500000

CAS Number : 123-31-9

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 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	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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 1.0 MG/M3 (AEROSOL) HAZ. CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : NOV1989</p> <p><u>Last Amendment</u> : PDKAD*,5147-89,,,1989 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.2 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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.5 MG/M3; 15 MIN - STEL: 1.5 MG/M3. 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2662.</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>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>200 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,128,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,128,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 2 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>

Common Name : Hydroquinone

RTECS Number : MX3500000

CAS Number : 123-31-9

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> : FEREC,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	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> : 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>
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> : FEREC,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> : FEREC,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 : Iodofenphos

RTECS Number :

CAS Number : 18181-70-9

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 5% (W/W). <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 DOMESTIC USE AS INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE IOJ. 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	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,,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 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
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 : 0.5 MG/KG ; 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	AIR	OCC	MAC CLASS	CLV: 0.5 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
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

Common Name : Iodofenphos

RTECS Number :

CAS Number : 18181-70-9

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMIT FOR SPECIFIED FOOD PRODUCTS : 0.5 MG/KG ; ADI = 0.004 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
SWE	REG	FOOD	PESTI	MTC	MEAT AND MEAT BY-PRODUCTS : 0.1 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 : **Ioxynil**RTECS Number : **DI4025000**CAS Number : **1689-83-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.02 MG/KG; SECURITY INTERVAL: 30 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	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
DEU	REG	FOOD	PESTI	MRL	CEREALS: 0.05 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF IOXYNIL, ITS SALTS AND ESTERS; CALCULATED AS IOXYNIL. <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 BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); 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	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	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 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
GBR	REG	USE	PESTI	PRMT	APPROVED AS A CONTACT 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 : Ioxynil

RTECS Number : DI4025000

CAS Number : 1689-83-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III=SUBSTANCE PRESENTING MINORDANGER WHEN 100-20% A.I. (SOLID OR 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	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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG ADI = 0.04 MG/KG (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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III=SUBSTANCE PRESENTING MINORDANGER WHEN 100-20% A.I. (SOLID OR 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>

Common Name : Isobenzan

RTECS Number : PC1225000

CAS Number : 297-78-9

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,,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 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	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	FOOD	PESTI	MRL	<p>ALL 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,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
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); 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	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN ISOBENZAN 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>

Common Name : Isobenzan

RTECS Number : PC1225000

CAS Number : 297-78-9

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>
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 100->10% A.I.; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 10->2% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 2-0.4% A.I. (SOLID OR 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>
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 REponsABILITIES 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN 100->10% A.I.; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 10->2% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 2-0.4% A.I. (SOLID OR 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 : **Isobenzan**RTECS Number : **PC1225000**CAS Number : **297-78-9**Area Type Subject Spec. Description Level / Summary Information :USA REG SAFTY INDST RQR
STORE 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 QUANTITIES

Reference : FEREAC,52,,13395,1987

Effective Date : 1987

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

Entry / Update : OCT1991

Common Name : Isobutanol

RTECS Number : NP9625000

CAS Number : 78-83-1

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 150 MG/M3 (50 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: 50 PPM, 150 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.): UN1212. CLASS (3.3): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 89. 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 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
DEU	REC	AIR	OCC	MAK	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. <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	- 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 WASSERGEFAEHRDENE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991

Common Name : Isobutanol

RTECS Number : NP9625000

CAS Number : 78-83-1

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	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/DM ² 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					
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 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	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 ISOBUTYL ALCOHOL UP TO 7% (VOL.). PUMPS WHICH DISPENSE MOTOR FUELS CONTAINING MORE THAN 10% (VOL.) OF ISOBUTYL 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					
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3 (Y)
<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	AIR	OCC	OES	8H-TWA: 160MG/M3 (50PPM) - 10MIN-STEL: 225MG/M3 (75PPM)
<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: 150MG/M3 (50PPM). STEL(10MIN-TWA): 225MG/M3 (75PPM)
<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 = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1212
<u>Title :</u>					
<u>Reference :</u> <u>Effective Date :</u>					
<u>Last Amendment :</u> IMCOC*,,10004,1990 <u>Entry / Update :</u> JAN1991					

Common Name : Isobutanol

RTECS Number : NP9625000

CAS Number : 78-83-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	AIR	OCC	MAC	TWA: 150 MG/M3 (50 PPM). 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
MEX	REG	AIR	OCC	MXL	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 OR 225 MG/M3 (75 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF A 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	0.15 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	MAC	0.1 MG/M3 1X/D, 0.1 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: 10.0 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
SWE	REC	AIR	OCC	HLV	1D-TWA: 150 MG/M3 (50 PPM); 15 MIN - STEL: 250 MG/M3 (75 PPM). SKIN ABSORPTION. (APPLIES TO ALL BUTANOLS EXCEPT N-BUTANOL). <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 = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1212 <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,90,117,132,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,132,1990 <u>Entry / Update</u> : OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 50 PPM, 152 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 : **Isobutanol**RTECS Number : **NP9625000**CAS Number : **78-83-1**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	IGNITABLE AND TOXICTHIS 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	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	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 : Isofenphos

RTECS Number :

CAS Number : 25311-71-1

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 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 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF ISOFENPHOS AND ISOFENPHOS-OXONE, CALCULATED AS ISOFENPHOS.</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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->60% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 60-15% A.I. (SOLID) OR 60-6% A.I. (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	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>FRUITS AND VEGETABLES: 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: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->60% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 60-15% A.I. (SOLID) OR 60-6% 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>

Common Name : **Isofenphos**

RTECS Number :

CAS Number : **25311-71-1**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS	PESTI	RQR	CASE NAME ISOFENPHOS: 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. <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	
		MANUF	PESTI	PRMT		
		FOOD	ADDIT	RQR		
		AQ	GRND	RQR		
		SAFTY	OCC	RQR		

Effective Date : 1988
Entry / Update : JAN1992

Common Name : **Isophorone**RTECS Number : **GW7700000**CAS Number : **78-59-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 25 MG/M3 (5 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,,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: CEILING LIMIT - 5 PPM, 25 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 28 MG/M3 (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	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: 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38).</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>STEL (10 MIN-TWA): 25 MG/M3 (5 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 : Isophorone

RTECS Number : GW7700000

CAS Number : 78-59-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; 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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 25 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>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AQ	SURF	PSL 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
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 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	CLV: 30 MG/M3 (5 PPM) (15 MIN -TWA). <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	REC	SAFTY USE	OCC OCC	MXL MXL	800 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,132,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,132,1990 <u>Entry / Update</u> : OCT1991
USA	REC	AIR	OCC	TLV	CEILING LIMIT 5 PPM, 28 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	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> : FERECAC,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	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

Common Name : Isophorone

RTECS Number : GW7700000

CAS Number : 78-59-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>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	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	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	AQ AQ	EMI INDST	RQR RQR	<p>BASED ON ITS PERSISTENCE, 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	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 : Isoprene

RTECS Number : NT4037000

CAS Number : 78-79-5

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.): UN1218. CLASS (3.1): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 84, 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: 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 TO ISOPRENE 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
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+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). LABEL: F+ - EXTREMELY FLAMMABLE; 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). 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. <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	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 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

Common Name : Isoprene

RTECS Number : NT4037000

CAS Number : 78-79-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3 (Y)E (APPLIES TO INHIBITED ISOPRENE)</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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO THE INHIBITED SUBSTANCE). UN NO. 1218</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	OCC	MAC CLASS	<p>CLV: 40.0 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>0.5 MG/M3 1X/D</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> NOV1989</p> <p><u>Last Amendment :</u> PDKAV*,5158-89,,,1989 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.005 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: 15 MG/M3 (VAPOUR) (APPLIES TO ISOPRENE OLIGOMERS) 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	PSL	<p>0.04 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	<p>SURFACE WATER FOR FISHING: 0.01 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO THE INHIBITED SUBSTANCE). UN NO. 1218</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 : Isoprene

RTECS Number : NT4037000

CAS Number : 78-79-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 IN CARGO VESSELS ON DECK AND BELOW DECK AWAY FROM HEAT AND IN PASSENGER VESSELS ON DECK. 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	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	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 : Isoprocarb

RTECS Number :

CAS Number : 2631-40-5

Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.03 MG/KG; SECURITY INTERVAL: 4-30 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><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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN 100-85% A.I. (SOLID) OR 100-35% A.I. (LIQUID)
					<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOO*,,,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 100-85% A.I. (SOLID) OR 100-35% A.I. (LIQUID)
					<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 : Isopropylamine

RTECS Number : NT8400000

CAS Number : 75-31-0

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 12 MG/M3; STEL: 10 PPM, 24 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 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.): UN1221. CLASS (3.1): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 46, 56, 99. 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 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 12 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 10 ML/M3 (PPM); 24 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>
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 : Isopropylamine

RTECS Number : NT8400000

CAS Number : 75-31-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: F+ - EXTREMELY FLAMMABLE; XI - IRRITANT; EXTREMELY FLAMMABLE (R 12); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); 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); DO NOT EMPTY INTO DRAINS (S 29).</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 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>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). SUBSIDIARY RISK LABEL: CORROSIVE. UN NO. 1221</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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 12 MG/M3 (5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 24 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	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: 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	PSL	<p>0.01 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>

Common Name : Isopropylamine

RTECS Number : NT8400000

CAS Number : 75-31-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1221 <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	4000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,134,1990 <u>Last Amendment :</u> XPHPAW,90,117,134,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 PPM, 12 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 10 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	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK AND BELOW DECK AWAY FROM HEAT. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUS T 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>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991

Common Name : Kelevan

RTECS Number : PC8400000

CAS Number : 4234-79-1

Area Type Subject Spec. Description Level / Summary Information :

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,,1,196,1988 <u>Effective Date</u> : 29MCH1991 <u>Last Amendment</u> : BGZBAD,,1,796,1991 <u>Entry / Update</u> : DEC*1991
DEU	REG	FOOD	PESTI	MRL	ALL PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF KELEVAN, KELEVAN ACID, AND CHLORDECONE, CALCULATED AS KELEVAN. <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 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: T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: T - TOXIC; HARMFUL IF SWALLOWED (R 22); TOXIC IN CONTACT WITH SKIN (R 24); 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 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN 100-48% A.I. (LIQUID) <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,,6222,1990 <u>Entry / Update</u> : JAN1991
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: CARCINOGEN <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : OSUMH*,04-5/95-5,,13MAY,1985 <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 100-48% A.I. (LIQUID) <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Entry / Update</u> : APR1986

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	CHOCOLATE, MILK CHOCOLATE, COCOA AND DERIVATIVES 1 MG/KG; STARCH 5 MG/KG. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ADEC**,112,.. <u>Effective Date</u> : 12JAN1976 <u>Entry / Update</u> : 1982
ARG	REG	FOOD	-	MXL	FLAVOURING ADDITIVES - ETHYL PROPIONATE: 10 MG/KG; BENZOPHENONE: 10 MG/KG. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ARES**,655,.. <u>Effective Date</u> : 3MAY1974 <u>Entry / Update</u> : 1982
ARG	REG	GOODS	-	MXL	RAISING AGENTS SODIUM AND ALUMINIUM PHOSPHATE. 20 MG/KG. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ARES**,653,.. <u>Effective Date</u> : 3MAY1974 <u>Entry / Update</u> : 1982
ARG	REG	FOOD	-	MXL	ACIDULANT GLUCONO-DELTA-LACTONE: 10 MG/KG. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ARES**,52,.. <u>Effective Date</u> : 12JAN1973 <u>Entry / Update</u> : 1982
ARG	REG	FOOD	-	MXL	EMULSIFIERS AND STABILIZERS (SPECIFIED): 10-20 MG/KG. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ADEC**,444,.. <u>Effective Date</u> : 6FEB1974 <u>Entry / Update</u> : 1982
ARG	REG	FOOD	-	MXL	THICKENERS AND STABILIZERS (SPECIFIED): 10 MG/KG. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ARES**,2277,.. <u>Effective Date</u> : 22MAY1973 <u>Entry / Update</u> : 1982
ARG	REG	FOOD	-	MXL	WHITE SUGAR 2 MG/KG. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ADEC**,2370,.. <u>Effective Date</u> : 28MCH1973 <u>Entry / Update</u> : 1982
ARG	REG	AQ	EMI	PL	INDUSTRIAL WATER EMISSIONS - PERMISSIBLE LIMIT: 0.5 MG/L. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ADECP*,2125,.. <u>Effective Date</u> : 15SEP1978 <u>Entry / Update</u> : 1982
ARG	REG	AQ	DRINK	-	PHS +/- 0.2=0.01 MG/L - PHS +/- 0.5=0.05 MG/L. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : ADECT*,351,,,1979 <u>Effective Date</u> : 22MAY1979 <u>Entry / Update</u> : 1982
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.15 MG/M3 (APPLIES TO FUME AND DUST OF INORGANIC LEAD COMPOUNDS, CALCULATED AS PB). <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	AIR	OCC	MPC	8H-TWA: 0.15 MG/M3 (AS PB). <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

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :	
ARG	REG	FOOD	-	MXL	SWEETENER 2 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADEC**,1013,...	<u>Effective Date :</u> 29MCH1974 <u>Entry / Update :</u> 1982
BRA	REG	AIR	OCC	AL	0.01 MG/M3 (FOR 48H/WK) (HAZARDOUS DEGREE : MAXIMUM) <u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE) <u>Reference :</u> SMTBR*,3,,141,1980 <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1982
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>Last Amendment :</u>	<u>Effective Date :</u> AUG1989 <u>Entry / Update :</u> DEC1991
CAN	REC	AQ	DRINK	MAC GL	MAC: 0.01 MG/L. PROPOSED LEVEL SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. BECAUSE LEAD IS A COMPONENT OF MANY PLUMBING SYSTEMS, FIRST-DRAWN WATER MAY CONTAIN HIGHER CONCENTRATIONS OF LEAD THAN ARE FOUND IN RUNNING WATER AFTER FLUSHING. FAUCETS SHOULD THEREFORE BE THOROUGHLY FLUSHED BEFORE WATER IS TAKEN FOR CONSUMPTION OR ANALYSIS. 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>Last Amendment :</u>	<u>Effective Date :</u> 1989 <u>Entry / Update :</u> NOV1991
CAN	REC	AQ	EMI	GL	SCHEDULE 1 - OBJECTIVES FOR SUBSTANCES: MAX. TOTAL CONCENTRATION - 1.5 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. <u>Title :</u> <u>Reference :</u> CAGAE0,111,,5957,1977 <u>Last Amendment :</u>	<u>Effective Date :</u> NOV1977 <u>Entry / Update :</u> DEC1991
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 LEAD ELEMENTAL) <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

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

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: 0.2-10 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> 08MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	GOODS IMPRT	FUEL	MPC	<p>EFFECTIVE DECEMBER 1, 1990: A) THE MAXIMUM CONCENTRATION OF LEAD IS 30 MG/L IN LEADED GASOLINE PRODUCED IN CANADA AND SOLD OR OFFERED FOR SALE FOR USE IN ENGINES THAT ARE DESIGNED TO USE LEADED GASOLINE AND ARE USED TO POWER I) TRACTORS, COMBINES, SWATHERS, OR OTHER FARMING MACHINERY, II) BOATS, OR III) TRUCKS WHOSE GROSS VEHICLE WEIGHT RATING IS GREATER THAN 3856 KG. B). THE MAXIMUM CONCENTRATION OF LEAD IN LEADED GASOLINE IMPORTED FOR THE PURPOSES JUST DESCRIBED IS 26 MG/L. C) THE MAXIMUM CONCENTRATION OF LEAD IN GASOLINE PRODUCED IN CANADA, IMPORTED, SOLD, OR OFFERED FOR SALE FOR ANY PURPOSE OTHER THAN THAT DESCRIBED IN (A) IS 5 MG/L. THESE LIMITS ARE PRESCRIBED BY THE GASOLINE REGULATIONS WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENTAL AND NATIONAL HEALTH AND WELFARE). THE REGULATIONS REPLACE THE EXISTING LEADED GASOLINE REGULATIONS AND THE LEAD-FREE GASOLINE REGULATIONS AND ARE INTENDED TO VIRTUALLY ELIMINATE THE USE OF LEAD ADDITIVES IN GASOLINE BY DECEMBER 1, 1990.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,10,1700,1990 <u>Effective Date :</u> 26APR1990</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 FURNITURE AND OTHER ARTICLES, INTENDED FOR CHILDREN, PAINTED WITH A LIQUID COATING MATERIAL CONTAINING LEAD COMPOUNDS OF WHICH THE LEAD CONTENT IS IN EXCESS OF 0.50 PERCENT OF THE TOTAL WEIGHT OF THE CONTAINED SOLIDS, INCLUDING PIGMENTS, FILM SOLIDS AND DRIERS; 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 LEAD PIGMENTS OR MORE THAN 0.5% WEIGHT TO WEIGHT OF LEAD IN THE TOTAL SOLIDS CONTAINED IN SUCH COATING; PENCILS AND ARTISTS BRUSHES THAT HAVE APPLIED TO THEM A DECORATIVE OR PROTECTIVE COATING THAT, WHEN DRY, CONTAINS MORE THAN 0.5 PERCENT WEIGHT TO WEIGHT OF LEAD; 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 PART OF CERAMICS HAVING A GLAZE THAT CONTAINS LEAD, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET; KETTLES FOR HOUSEHOLD USE THAT RELEASE LEAD INTO WATER BOILED THEREIN, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET; PAINTS, ENAMEL AND OTHER LIQUID COATING MATERIALS FOR USE ON THE INTERIOR OR EXTERIOR SURFACES OF BUILDINGS, FURNITURE OR HOUSEHOLD PRODUCTS AND THAT CONTAIN MORE THAN 0.5 PERCENT WEIGHT TO WEIGHT OF LEAD, 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	AIR	OCC	TLV	<p>INORGANIC DUSTS AND FUMES - TWA: 0.15 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 : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	EMI	MPC	<p>PARTICULATE MATTER FROM A SECONDARY LEAD SMELTER SHALL NOT EXCEED A) 0.046 GM/M3 FROM OPERATIONS INVOLVING THE USE OF BLAST FURNACES, CUPOLAS OR REVERBERATORY FURNACES; OR B) 0.023 GM/M3 FROM OPERATIONS INVOLVING THE USE OF HOLDING FURNACES, KETTLE FURNACES, LEAD OXIDE PRODUCTION UNITS, OR INVOLVING SCRAP AND MATERIAL HANDLING, CRUSHING, FURNACE TAPPING OR SLAGGING, FURNACE CLEANING OR CASTING. WHETHER RELEASED SEPARATELY OR IN COMBINATION WITH RELEASES FROM OTHER SOURCES. THESE LIMITS ARE PRESCRIBED BY THE SECONDARY LEAD SMELTER RELEASE. THE SECONDARY LEAD SMELTER RELEASE REGULATIONS, UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE). THE MAIN OBJECTIVE OF THIS REGULATION IS TO LIMIT THE CONCENTRATION OF PARTICULATE MATTER CONTAINING LEAD EMITTED INTO THE AMBIENT AIR BY A SECONDARY LEAD SMELTER. THE REGULATION ALSO CONTAINS REQUIREMENTS REGARDING PLANT MALFUNCTIONS, EMISSIONS TESTING AND REPORTING.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,125,6,1043,1991 <u>Effective Date :</u> 21FEB1991</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	GOODS	-	PRO MXL	<p>PROHIBITED IN COSMETICS; MAXIMUM LIMIT IN COSMETICS: 0.05 MG/G (AS CONTAMINANT)</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	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO LEAD COMPOUNDS EXCEPT LEAD SULFIDE WHICH IS NOT POISON AND TETRAETHYLLEAD, TETRAMETHYLLEAD AND TRIALKYLLEAD SALTS, WHICH ARE DANGEROUS POISONS.)</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: 0.1-10.0 MG/KG (SPECIFIED FOOD PRODUCTS); 0.1-1.0 MG/KG (SPECIFIED BEVERAGES). (APPLIES TO LEAD 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 DRINK	MAC	<p>0.05 MG/L (APPLIES TO LEAD 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	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>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.05 MG/M3; CLV: 0.2 MG/M3 (CALCULATED AS PB) (APPLIES TO LEAD 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	SLUDG USE	AGRIC	MAC	<p>MAC IN INDUSTRIAL COMPOSTS: 500 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>

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

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	AMBI	MAC	<p>AVERAGE YEARLY CONCENTRATION: 0.5 UG/M3</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	EMI	MXL	<p>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)</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 IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO LEAD AND ITS COMPOUNDS EXPRESSED AS LEAD)</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), 0.5-20.0 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	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>
DEU	REC	AQ	GRND	CLASS	<p>LEAD 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	REC	AIR	OCC	BAT	<p>BLOOD: 700 UG/L; 300 UG/L FOR WOMEN < 45 YEARS. URINE: 15 MG/L AS DELTA-AMINOLEVULINIC ACID; 6 MG/L AS DELTA-AMINOLEVULINIC ACID FOR WOMEN < 45 YEARS. SAMPLING TIME: NOT FIXED.</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>

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.1 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: 1.0 MG/M3; AVERAGE VALUE; 1X/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. TO MINIMIZE THE POTENTIAL RISK, A BAT VALUE OF 300 UG/L BLOOD HAS BEEN EVALUATED SPECIFICALLY FOR WOMEN UNDER 45 YEARS OLD.</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	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 LEAD AND INORGANIC LEAD COMPOUNDS AS COMPONENTS OF DUST PRECIPITATION: IW1 = 0.25 MG/M2 PER DAY, CALCULATED AS LEAD. 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	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	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>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	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING LEAD COMPOUNDS MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING LEAD COMPOUNDS 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>0.04 MG/L (CALCULATED AS PB) CORRESPONDING TO ABOUT 0.2 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.02 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 : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	GOODS	FUEL	MPC	<p>THE CONTENT OF LEAD COMPOUNDS IN PETROL MAY NOT EXCEED 0.15 G/L, CALCULATED AS LEAD (MEASURED AT 15 C). AS FROM 01 FEBRUARY 1988 THE CONTENT OF LEAD COMPOUNDS IN PETROL WITH A MOTOR OCTANE NUMBER OF LESS THAN 85 AND A RESEARCH OCTANE NUMBER OF LESS THAN 95 MAY NOT EXCEED 0.013 G/L, CALCULATED AS LEAD (MEASURED AT 15 C).</p> <p><u>Title</u> : LAW ON THE CONTENT OF LEAD IN PETROL (BENZINBLEIGESETZ)</p> <p><u>Reference</u> : BGZBAD,,1,1234,1971 <u>Effective Date</u> : 30DEC1987</p> <p><u>Last Amendment</u> : BGZBAD,,1,2810,1987 <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 HEALTH RISKS - SHOULD BE TAKEN INTO ACCOUNT FOR LEAD AND INORGANIC LEAD COMPOUNDS AS COMPONENTS OF AIRBORNE DUST: IW1 = 2.0 UG/M3, CALCULATED AS LEAD. 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	EMI	RQR	<p>WASTE WATER CHARGES ARE LEVIED BY THE FEDERAL STATES WHEN WASTE WATER DISCHARGED INTO A WATER BODY EXCEEDS THE THRESHOLD VALUES FOR LEAD AND LEAD COMPOUNDS OF 50 UG/L AND AN ANNUAL AMOUNT OF 2.5 KG. THE CHARGE PER HARMFUL UNIT WHICH CORRESPONDS TO 500 G OF LEAD AND LEAD 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,,1,2432,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</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>
EEC	REG	AIR MONIT	AMBI METHD	MXL RQR	<p>2 UG LEAD/M3 EXPRESSED AS AN ANNUAL MEAN CONCENTRATION. THIS LIMIT VALUE FOR LEAD IN THE AIR HAS BEEN FIXED SPECIFICALLY IN ORDER TO HELP PROTECT HUMAN BEINGS AGAINST THE EFFECTS OF LEAD IN THE ENVIRONMENT. THIS DIRECTIVE SHALL NOT APPLY TO OCCUPATIONAL EXPOSURE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON A LIMIT VALUE FOR LEAD IN THE AIR. (82/884/EEC).</p> <p><u>Reference</u> : OJEC**,L378,,15,1982 <u>Effective Date</u> : 31DEC1987</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	GOODS FOOD	-	MXL RSTR	<p>THE QUANTITY OF LEAD TRANSFERRED FROM CERAMIC ARTICLES, WHICH ARE INTENDED TO COME INTO CONTACT WITH FOODSTUFFS, SHALL NOT EXCEED THE FOLLOWING LIMITS: 0.8 MG/DM2 FOR ARTICLES WHICH CANNOT BE FILLED, 4.0 MG/L FOR ARTICLES WHICH CAN BE FILLED AND 1.5 MG/L FOR COOKING WARE. THE TEST METHOD FOR THE EXTRACTION OF LEAD FROM THE ARTICLES IS LAID DOWN.</p> <p><u>Title</u> : 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><u>Reference</u> : OJEC**,L277,,12,1984 <u>Effective Date</u> : 20OCT1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>

Common Name : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	WASTE	-	RQR	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).
		EXPRT		RQR	
		IMPRT		RQR	
					<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	GOODS	FUEL	MPC	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.
		GOODS	FUEL	RQR	
					<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).
					<u>Reference</u> : OJEC**,L96,,25,1985 <u>Effective Date</u> : 13AUG1987
					<u>Last Amendment</u> : OJEC**,L225,,33,1987 <u>Entry / Update</u> : SEP1987
EEC	REG	SOIL	EEC	MXL	LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SOIL: 50-300 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: 750-1200 MG/KG OF DRY MATTER. LIMIT VALUE FOR AMOUNT OF THE SUBSTANCE WHICH MAY BE ADDED ANNUALLY TO AGRICULTURAL LAND: 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.
		-	AGRIC	-	
		USE	-	RQR	
		SLUDGE	-	RSTR	
			AGRIC		
					<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).
					<u>Reference</u> : OJEC**,L181,,6,1986 <u>Effective Date</u> : 12JUN1989
					<u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987
EEC	REG	LABEL	-	RQR	LABELS OF PACKAGES OF PAINTS AND VARNISHES CONTAINING LEAD IN QUANTITIES EXCEEDING 0.15% EXPRESSED AS WEIGHT OF METAL OF THE TOTAL WEIGHT OF THE PREPARATION MUST SHOW THE FOLLOWING PARTICULARS: 'CONTAINS LEAD. SHOULD NOT BE USED ON SURFACES LIABLE TO BE CHEWED OR SUCKED BY CHILDREN.' IN THE CASE OF PACKAGES THE CONTENTS OF WHICH ARE LESS THAN 125 MILLILITRES, THE PARTICULARS MAY BE AS FOLLOWS: 'WARNING. CONTAINS LEAD.'
					<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

Common Name : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 PB IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR, AS WELL AS IN SEDIMENTS 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	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>
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 0,4% LEAD BY WEIGHT THAT ARE PLACED ON THE MARKET AS FROM 18SEPI992. THESE BATTERIES AND ACCUMULATORS ARE TO BE COLLECTED SEPERATELY. WHERE APPROPRIATE, THE MARKING ON THE APPLANCES 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 APPLANCES UNLESS THEY CAN BE READILY REMOVED; EXCEPTIONS EXIST FOR CERTAIN CATEGORIES OF APPLANCES (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>
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 LEAD AND LEAD 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	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO LEAD AND/OR LEAD 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>

Common Name : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

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). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); DANGER OF CUMULATIVE EFFECTS (R 33); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); WHEN USING DO NOT EAT, DRINK OR SMOKE (S 20/21). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 1%: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). CONCENTRATION EXPRESSED AS LEAD PERCENTAGE. APPLIES TO LEAD COMPOUNDS EXCEPT THOSE SPECIFIED ELSEWHERE UNDER THIS REFERENCE. THE NAME OF THE SUBSTANCE MUST APPEAR 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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 0.5%: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.1% TO 0.5%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.05% TO 0.1%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). CONCENTRATION EXPRESSED AS LEAD PERCENTAGE. APPLIES TO LEAD ALKYL (S) (PB(CNH(2N+1))X WHERE N=1-5). 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	FOOD	-	MXL	<p>FLAVOURINGS MUST NOT CONTAIN MORE THAN 10 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	AIR WASTE	EMI REMOV	MXL RQR	<p>EMISSION LIMIT VALUES FOR THE SUBSTANCE EMITTED AS A RESULT OF THE COMBUSTION OF WASTE OILS: 5.0 MG/M3 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 20 MG/KG OF LEAD 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 AUTHORIZED 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	FOOD	ADDIT	MXL	<p>PRESERVATIVES WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION SHALL NOT CONTAIN MORE THAN 10 MG/KG OF LEAD.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORIZED 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>

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	ADDIT	MXL	<p>ANTIOXIDANTS WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 10 MG/KG OF LEAD.</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	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 PB 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>
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	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 PB IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR PB 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 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	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR LEAD IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER:0.05 MG PB/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 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>

Common Name : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR LEAD 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 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 AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 50 UG PB/L. GL : - IN RUNNING WATER (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 : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR SAFTY MONIT	OCC OCC OCC	MXL RQR RQR	<p>LIMIT VALUE IN AIR (TWA): 150UG/M3 BIOLOGICAL LIMIT VALUE: 70UG PB/100ML BLOOD (A LEVEL BETWEEN 70 AND 80UG PB/100ML BLOOD MAY HOWEVER BE ALLOWED IF THE LEVEL OF DELTA AMINO LEVULINIC ACID IN URINE (ALAU) REMAINS LOWER THAN 20 MG/G CREATININE, OR THE ZINC PROTOPORPHYRIN(ZPP) LEVEL REMAINS LOWER THAN 20UG/G HAEMOGLOBIN OR THE LEVEL OF DELTA AMINOLEVULINIC ACID DEHYDRATASE (ALAD) BLOOD REMAINS LOWER BY GREATER THAN SIX EUROPEAN UNITS, OR 20 MG/G CREATININE FOR ALAU. REQUIREMENTS FOR WORKERS INFORMATION, PERSONAL HYGIENE, PROTECTIVE EQUIPMENT AND CLOTHING, AIR ANALYSES AND MEDICAL SURVEILLANCE ARE ALSO LAID DOWN. (APPLIES TO METALLIC LEAD AND ITS IONIC COMPOUNDS - IT DOES NOT APPLY TO ALKYLATED LEAD COMPOUNDS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JULY 1982 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO METALLIC LEAD AND ITS IONIC COMPOUNDS AT WORK (FIRST INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 8 OF DIRECTIVE 80/1107/EEC). (82/605/EEC)</p> <p><u>Reference</u> : OJEC*,L247,,12,1982 <u>Effective Date</u> : 01JAN1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
EEC	REG	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF IONIC AND ELEMENTAL LEAD IN STRAIGHT FEEDINGSTUFFS: 10 MG/KG, IN COMPLETE FEEDINGSTUFFS: 5 MG/KG, IN COMPLEMENTARY FEEDINGSTUFFS: 10 MG/KG, IN MINERAL FEEDINGSTUFFS: 30 MG/KG AND IN CERTAIN SPECIFIED FEEDINGSTUFFS: 5-40 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> : 1JAN1988</p> <p><u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : SEP1987</p>
F/W	REC	FOOD	-	ADI	<p>PROVISIONAL TOLERABLE WEEKLY INTAKE: 0.025 MG/KG BW (APPLIES TO CHILDREN AND INFANTS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : WHFAAC,21,,279,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	GOODS IMPRT SALE	CONSM CONSM CONSM	PRO PRO PRO	<p>THE IMPORTATION AND SUPPLY OF LEAD AND LEAD ALLOY WEIGHTS BETWEEN 0.06G AND 28.35G FOR FISHING LINES ARE PROHIBITED.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (ANGLERS' LEAD WEIGHTS) REGULATIONS 1986</p> <p><u>Reference</u> : GBRSI*,1992,,1986 <u>Effective Date</u> : 01JAN1987</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 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.</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 0.7UG/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>

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 0.15 MG/M3 (AS PB) OF LEAD EXCEPT TETRAETHYL LEAD. SOME DEPARTURES FROM THIS STANDARD MAY BE ALLOWED PROVIDED THAT 1) THERE IS SUFFICIENT INFORMATION AVAILABLE FROM BIOLOGICAL TEST RESULTS THAT THE DEGREE OF LEAD ABSORPTION IS AT AN ACCEPTABLE LEVEL AND 2) 8H-TWA CONCENTRATIONS DO NOT EXCEED 3 TIMES THE STANDARD.</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	AIR MONIT	AMBI AMBI	MXL RQR	<p>CONTROL MEASURES MUST BE TAKEN BY THE SECRETARY OF STATE TO ENSURE THAT THE MEAN ANNUAL CONCENTRATION OF LEAD IN AIR DOES NOT EXCEED 2UG/M3 CALCULATED IN ACCORDANCE WITH THE EC DIRECTIVE 82/884/EEC. SAMPLING STATIONS SHALL BE INSTALLED WHERE INDIVIDUALS MAY BE EXPOSED CONTINUALLY FOR LONG PERIODS, EXCEPT IN AREAS OF WORK.</p> <p><u>Title</u> : THE AIR QUALITY STANDARDS REGULATIONS 1989</p> <p><u>Reference</u> : GBR SI*,317,,1989 <u>Effective Date</u> : 31MCH1989</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 15KG 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 AND ABOVE THE CONCENTRATION SHALL NOT EXCEED 300 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	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 LEAD 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> : 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 MONIT	DRINK	MPC RQR	<p>50UG PB/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> : 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	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 PB, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05 MG/L PB, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.05 MG/L PB, 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>

Common Name : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	MANUF AIR AQ	INDST EMI EMI	RQR RSTR RSTR	<p>THE PRODUCTION OF LEAD 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	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 10 MG/KG OF LEAD. 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	FOOD		MRL	<p>PRESCRIBES A MAXIMUM CONTENT OF 1 MG/KG IN EDIBLE ACID CASEIN, EDIBLE RENNIN CASEIN AND EDIBLE CASEINATES. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/424/EEC.</p> <p><u>Title</u> : THE CASEINS AND CASEINATES REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,2026,,9,1985 <u>Effective Date</u> : 29JAN1986</p> <p><u>Last Amendment</u> : GBRSI*,2321,,,1989 <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 5-40 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> : GBRSI*,2840,,,1991 <u>Effective Date</u> : 22JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	FOOD		MPC	<p>THE AMOUNT OF LEAD WHICH MAY BE PRESENT IN CORNED BEEF IS 2 MG/KG OF FOOD AND IN CONDENSED MILK IS 0.5 MG/KG OF FOOD.</p> <p><u>Title</u> : THE LEAD IN FOOD REGULATIONS 1979</p> <p><u>Reference</u> : GBRSI*,1254,,,1979 <u>Effective Date</u> : 31DEC1985</p> <p><u>Last Amendment</u> : GBRSI*,912,,,1985 <u>Entry / Update</u> : AUG1986</p>
GBR	REG	GOODS	FUEL	MPC	<p>FROM 31ST DECEMBER 1985 THE MPC IN LEADED PETROL IS 0.15G/L. THE MPC IN UNLEADED PETROL IS 0.020G/L UNTIL 1ST APRIL 1990 AND 0.013G/L FROM 1ST APRIL 1990. (GBRSI* 1523,1,1981 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title</u> : THE MOTOR FUEL (LEAD CONTENT OF PETROL) (AMENDMENT) REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,1728,,,1985 <u>Effective Date</u> : 31DEC1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>50UG PB/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 : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE MAKING OF ANY GLASS PRODUCT WHERE LEAD OR ANY LEAD COMPOUND HAS BEEN USED IN THE MANUFACTURE OF GLASS (WITH SOME EXCEPTIONS) 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,,1991 <u>Effective Date</u> : 01APR1991</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 16 YEARS OF AGE AND NO FEMALE UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY LEAD PROCESS.MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN LEAD PROCESSES ARE LISTED. (INDIA RUBBER MANUFACTURE REGULATION 1922, S.I.1922: NO.329 AS LAST AMENDED BY THEREREFERENCE 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	SAFTY MONIT	OCC OCC	RQR RQR	<p>THE FOLLOWING IS REQUIRED: INFORMATION, INSTRUCTION AND TRAINING OF EMPLOYEES; CONTROL MEASURES FOR MATERIALS, PLANT AND PROCESSES; RESPIRATORY PROTECTIVE EQUIPMENT; PROTECTIVE CLOTHING; WASHING AND CHANGING FACILITIES AIR MONITORING; DUTY TO AVOID SPREAD OF CONTAMINATION; MEDICAL SURVEILLANCE AND BIOLOGICAL TESTS; RECORDS.</p> <p><u>Title</u> : THE CONTROL OF LEAD AT WORK REGULATIONS 1980</p> <p><u>Reference</u> : GBRSI*,1248,,1980 <u>Effective Date</u> : 18AUG1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</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. LABELLING MUST BE IN RED. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO LEAD COMPOUNDS WITH ACIDS FROM FIXED OILS) (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 COMPOUNDS OF LEAD WITH ACIDS FROM FIXED OILS) (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	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 LEAD 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 ASLEAD IN AN AMOUNT EXCEEDING 10UG/L. THE RESULTS SHOULD BE EXPRESSED IN PB 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>

Common Name : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ILO	REG	USE MONIT	OCC	RSTR RQR	<p>THE OBJECTIVE OF THIS CONVENTION IS TO PROTECT WORKERS FROM EXPOSURE TO WHITE LEAD AND SULPHATE OF LEAD AND ALL PRODUCTS CONTAINING THESE PIGMENTS. THEIR USE IN THE INTERNAL PAINTING OF BUILDINGS IS PROHIBITED EXCEPT WHERE SUCH USE IS CONSIDERED NECESSARY BY THE COMPETENT AUTHORITY OR WHERE WHITE PIGMENTS CONTAIN MAX. 2% LEAD. THERE ARE RESTRICTIONS CONCERNING EMPLOYMENT IN ANY WORK INVOLVING THE USE OF THESE SUBSTANCES AND ALL PRODUCTS CONTAINING THEM WHERE THEIR USE IS NOT PROHIBITED. STATISTICS WITH REGARD TO LEAD POISONING AMONG WORKING PAINTERS IS TO BE OBTAINED.</p> <p><u>Title :</u> Convention no. 13, Convention concerning the use of white lead in painting 1921.</p> <p><u>Reference :</u> ILOCR*,,,1992 <u>Effective Date :</u> 31AUG1923</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO SOLUBLE LEAD COMPOUNDS). UN NO.2291.</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 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 LEAD (INORGANIC FUMES AND DUST))</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 LEAD COMPOUNDS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 10 KG/YEAR (CALCULATED AS PB) 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 (INCL. ALL LEAD COMPOUNDS EXCEPT ALKYL LEAD) (VALUES ARE CALCULATED AS PB)</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	AMBI	MXL	<p>STANDARD VALUE (MAXIMUM VALUE): 0.1 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>MAXIMUM LIMIT: 1 MG/L OF LEAD 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>

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	AIR	EMI	MXL	STANDARD VALUE: 10-30 MG/N M3 (APPLIES TO LEAD AND ITS COMPOUNDS). VALUE DIFFERS DEPENDING ON FACILITY. <u>Title</u> : NATIONAL EMISSION STANDARDS <u>Reference</u> : QEJPN*,,,343-348,1989 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
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>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
JPN	REG	AQ	DRINK	MXL	THE CONCENTRATION OF LEAD IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 0.1 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
KEN	REG	FOOD SALE	-	MXL PRO	IN FOOD COLOURS: 10 MG PB/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
KEN	REG	FOOD	-	MXL	SPECIFIED FOOD PRODUCTS: 0.1-20.0 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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.15 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.45 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	AQ	AMBI	MPC	0.1 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	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) 0.10 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

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.03 MG/L (APPLIES TO LEAD AND ITS INORGANIC COMPOUNDS, CALCULATED AS LEAD) 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	AQ	DRINK	MAC	0.03 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
RUS	REG	AIR	AMBI	MAC	0.0003 MG/M3 AV/D (APPLIES TO LEAD AND ITS COMPOUNDS WITH THE EXCEPTION OF TETRAETHYLLEAD) (CALCULATED AS LEAD). <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	SURFACE WATER FOR FISHING: 0.1 MG/L; SEA WATER: 0.01 MG/L (APPLIES TO LEAD AND ITS INORGANIC COMPOUNDS, CALCULATED AS LEAD) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.01 MG/M3 (AEROSOL); TWA : 0.005 MG/M3 (AEROSOL) (APPLIES TO LEAD AND ITS INORGANIC COMPOUNDS)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	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 1.0-10.0 MG/KG; MEAT PRODUCTS: 0.1-3.0 MG/KG; MILK PRODUCTS: 0.1-0.3 MG/KG; CEREALS: 0.3-2.0 MG/KG ; VEGETABLES: 0.1-10.0 MG/KG; FRUITS: 0.1-10.0 MG/KG; BEVERAGES: 0.1-0.3 MG/KG; CHILDREN FOOD: 0.05-0.5 MG/KG (APPLIES TO LEAD AND ITS COMPOUNDS, CALCULATED AS LEAD). <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	SOIL	-	MAC	20.0 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
SWE	REG	FOOD	-	MTC	FOOD (GENERAL) : 0.02-3.0 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) OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
SWE	REG	AIR	OCC	HLV	ID-TWA: 0.1 MG/M3 AS TOTAL DUST; 0.05 MG/M3 AS RESPIRABLE DUST OF LEAD AND ITS INORGANIC COMPOUNDS, CALCULATED AS PB <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. (APPLIES TO SOLUBLE LEAD COMPOUNDS). UN NO.2291. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982

Common Name : Lead

RTECS Number : OF7525000

CAS Number : 7439-92-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REG	WASTE EXPR IMPRT		RSTR RQR RQR	<p>WASTES HAVING AS CONSTITUENTS LEAD AND LEAD 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) 0.15 MG/M3 /LEAD INORGANIC DUSTS & FUMES, AS PB/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</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	REG	AQ	DRINK	MPC	<p>0.005 MG/L FOR COMMUNITY WATER SYSTEMS 40 CFR 141.11. 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</p> <p><u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991</p> <p><u>Entry / Update</u> : OCT1991</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 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.</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</p> <p><u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990</p> <p><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. (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</p> <p><u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990</p> <p><u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>#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><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990</p> <p><u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990</p> <p><u>Entry / Update</u> : SEP1991</p>

Common Name : **Lead**RTECS Number : **OF7525000**CAS Number : **7439-92-1**

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	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	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 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	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 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 (APPLIES ALSO TO ITS COMPOUNDS)</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>
WHO	REC	AQ	DRINK	GL	<p>0.01 MG/L; IT IS RECOGNIZED THAT NOT ALL WATER WILL MEET THE GUIDELINE VALUE IMMEDIATELY; MEANWHILE, ALL OTHER RECOMMENDED MEASURES TO REDUCE THE TOTAL EXPOSURE TO LEAD SHOULD BE IMPLEMENTED. 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 : **Lead (II) Acetate**RTECS Number : **A15250000**CAS Number : **301-04-2****Area Type Subject Spec. Description Level / Summary Information :**

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1616. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS ENVIRONMENT. SPECIAL PROVISIONS: 109, 118. 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. <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
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	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: TERA. CAT.1; MAY CAUSE BIRTH DEFECTS (R 47). XN - HARMFUL; HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/22). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T - TOXIC; MAY CAUSE BIRTH DEFECTS (R 47); DANGER OF CUMULATIVE EFFECTS (R 33); HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/22); 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

Common Name : **Lead (II) Acetate**RTECS Number : **AI5250000**CAS Number : **301-04-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 LEAD ACETATES) (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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1616. <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.1616. <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) 0.15 MG/M3 /LEAD INORGANIC DUSTS & FUMES. AS PB/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 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>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> : FEREC,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> : FEREC,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 AIR AQ	INDST EMI	RQR RQR RQR	#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 : Lead Arsenate

RTECS Number : CG100000

CAS Number : 7645-25-2

Area Type Subject Spec. Description Level / Summary Information :

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>	<u>Effective Date :</u> <u>Entry / Update :</u>	01JAN1986 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) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u>	01JAN1986 FEB1986
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> <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u>	1APR1982 JAN1983
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> <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u>	1986 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. 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> <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u>	OCT1991 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> <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u>	1990 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> <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u>	1986 SEP1991

Common Name : **Lead Carbonate**RTECS Number : **OF9275000**CAS Number : **598-63-0****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	GOODS	-	MXL	<p>IN PAINT FOR INTERIOR OF BUILDINGS: 2% OF PB.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> ALEYT*,18609,,,1970</p> <p><u>Effective Date :</u> 23FEB1970</p> <p><u>Entry / Update :</u> 1982</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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> 31DEC1987</p> <p><u>Entry / Update :</u> APR1991</p>
DEU	REG	SALE USE	-	RSTR RSTR	<p>ANHYDROUS NEUTRAL LEAD CARBONATE AND PREPARATIONS CONTAINING ANHYDROUS NEUTRAL LEAD CARBONATE MAY NOT BE MARKETED OR USED AS DYES. EXCEPTIONS FOR THE PRESERVATION OF ART AND HISTORIC MONUMENTS ARE MENTIONED.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> 15JUN1991</p> <p><u>Entry / Update :</u> 1992</p>
EEC	REG	GOODS USE	-	RSTR RSTR	<p>NEUTRAL ANHYDROUS LEAD CARBONATE MAY NOT BE USED AS SUBSTANCE AND CONSTITUENT OF PREPARATIONS INTENDED FOR USE AS PAINTS, EXCEPT FOR THE RESTORATION AND MAINTENANCE OF WORKS OF ART AND HISTORIC BUILDINGS AND THEIR INTERIORS, WHERE MEMBER STATES WISH TO AUTHORIZE THIS ON THEIR TERRITORY, IN ACCORDANCE WITH THE PROVISIONS OF ILO CONVENTION 13 ON THE USE OF WHITE LEAD IN PAINT.</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</p> <p><u>Last Amendment :</u> OJEC**,L363,,36,1991</p> <p><u>Effective Date :</u> 31DEC1992</p> <p><u>Entry / Update :</u> 1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.15 MG/M3 /LEAD INORGANIC DUSTS & FUMES, AS PB/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</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991</p> <p><u>Effective Date :</u> 1989</p> <p><u>Entry / Update :</u> DEC1991</p>

Common Name : **Lead Chloride**

RTECS Number :

CAS Number : **7758-95-4****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 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>SEE LEAD COMPOUNDS, SOLUBLE, 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 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>
RUS	REG	AIR	AMBI	MAC	<p>0.5 MG/M3 1X/D. 0.05 MG/M3 AV/D (CALCULATED AS LEAD)</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	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>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. 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> 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>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 : **Lead Chromate**RTECS Number : **GB2975000**CAS Number : **7758-97-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.05MG/M3 (CALCULATED AS CR). 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	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 MG/M3, AS CR. SUSPECTED HUMAN CARCINOGEN; 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>SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). 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	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 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 : **Lead Chromate**RTECS Number : **GB2975000**CAS Number : **7758-97-6**Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	CLASS LABEL PACK	CLASS RQR RQR	CLASS RQR RQR	CLASS RQR RQR
					CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: XN - HARMFUL; DANGER OF CUMULATIVE EFFECTS(R 33); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE DUST (S 22).

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

Reference : OJEC**,196,,1,1967

Effective Date : 1JUL1992

Last Amendment : OJEC**,L 180,,79,1991

Entry / Update : APR1992

USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.5 MG/M3 /CHROMIUM/ A2. A2= SUSPECTED HUMAN CARCINOGEN. /CHROMIUM/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.
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Title : THRESHOLD LIMIT VALUES

Reference : ACGIH*,,,11,1989

Effective Date : 1989

Last Amendment : ACGIH*,,,11,1991

Entry / Update : DEC1991

USA	REC	SAFTY USE	OCC OCC	MXL MXL	30 MG/M3 /CHROMIC ACID AND CHROMATES/
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Title : POCKET GUIDE TO CHEMICAL HAZARDS

Reference : XPHPAW,90,117,70,1990

Effective Date : JUN1990

Last Amendment : XPHPAW,90,117,70,1990

Entry / Update : OCT1991

Common Name : Lead Dioxide

RTECS Number :

CAS Number : 1309-60-0

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1872. 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. <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: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I = GREAT DANGER - III = MINOR DANGER). UN NO. 1872 <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: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I = GREAT DANGER - III = MINOR DANGER). UN NO. 1872 <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 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 STOWED AWAY FROM FOODSTUFFS. 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

Common Name : Lead Naphthenate

RTECS Number : QK9150000

CAS Number : 61790-14-5

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 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	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 : **Lead (II) Nitrate**RTECS Number : **OG2100000**CAS Number : **10099-74-8**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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1469. CLASS (5.1): OXIDIZER; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 48, 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: 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 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	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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER- III=MINOR DANGER). UN NO. 1469</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. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1469</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) 0.15 MG/M3 /LEAD INORGANIC DUSTS & FUMES. AS PB/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>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 : Lead (II) Nitrate

RTECS Number : OG2100000

CAS Number : 10099-74-8

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 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. 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>

Common Name : **Lead Phosphate**RTECS Number : **OG3675000**CAS Number : **7446-27-7**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 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
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.15 MG/M3 /LEAD INORGANIC DUSTS & FUMES, AS PB/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 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
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	#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 : Lead Subacetate

RTECS Number : OF8750000

CAS Number : 1335-32-6

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	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.15 MG/M3 /LEAD INORGANIC DUSTS & FUMES, AS PB/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>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	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> FERECAC,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> FERECAC,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 : Lead Sulfate

RTECS Number :

CAS Number : 7446-14-2

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	TRNSP LABEL PACK	-	CLASS RQR	<p>WITH NOT LESS THAN 3% FREE ACID. PIN (PRODUCT IDENTIFICATION NO.): UN1794. CLASS(8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, II=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE 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 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	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	SALE JSE	-	RSTR RSTR	<p>LEAD SULFATES AND PREPARATIONS CONTAINING LEAD SULFATES MAY NOT BE MARKETED OR USED AS DYES. EXCEPTIONS FOR THE PRESERVATION OF ART AND HISTORIC MONUMENTS 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	GOODS USE	-	PRO RSTR	<p>LEAD SULPHATES MAY NOT BE USED AS SUBSTANCES AND CONSTITUENTS OF PREPARATIONS INTENDED FOR USE AS PAINTS, EXCEPT FOR THE RESTORATION AND MAINTENANCE OF WORKS OF ART AND HISTORIC BUILDINGS AND THEIR INTERIORS, WHERE MEMBER STATES WISH TO AUTHORIZE THIS ON THEIR TERRITORY, IN ACCORDANCE WITH THE PROVISIONS OF ILO CONVENTION 13 ON THE USE OF WHITE LEAD IN PAINT.</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>
ILO	REG	USE MONIT	OCC	RSTR RSTR	<p>THE OBJECTIVE OF THIS CONVENTION IS TO PROTECT WORKERS FROM EXPOSURE TO WHITE LEAD AND SULPHATE OF LEAD AND ALL PRODUCTS CONTAINING THESE PIGMENTS. THEIR USE IN THE INTERNAL PAINTING OF BUILDINGS IS PROHIBITED EXCEPT WHERE SUCH USE IS CONSIDERED NECESSARY BY THE COMPETENT AUTHORITY OR WHERE WHITE PIGMENTS CONTAIN MAX. 2% LEAD. THERE ARE RESTRICTIONS CONCERNING EMPLOYMENT IN ANY WORK INVOLVING THE USE OF THESE SUBSTANCES AND ALL PRODUCTS CONTAINING THEM WHERE THEIR USE IS NOT PROHIBITED. STATISTICS WITH REGARD TO LEAD POISONING AMONG WORKING PAINTERS IS TO BE OBTAINED.</p> <p><u>Title :</u> Convention no. 13. Convention concerning the use of white lead in painting 1921.</p> <p><u>Reference :</u> ILOCR*,,,,1992 <u>Effective Date :</u> 31AUG1923</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1992</p>

Common Name : **Lead Sulfate**

RTECS Number :

CAS Number : **7446-14-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO LEAD SULPHATE WITH MORE THAN 3 PERCENT FREE ACID). UN NO. 1794 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO LEAD SULPHATE WITH MORE THAN 3 PERCENT FREE ACID). UN NO. 1794 <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) 0.15 MG/M3 /LEAD INORGANIC DUSTS & FUMES, AS PB/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	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	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
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 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 : **Lenacil**RTECS Number : **GY5875000**CAS Number : **2164-08-1**

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	FOOD	PESTI	MRL	<p>ALL 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,,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	SOIL	-	PSL	<p>0.1 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> MCH1982</p> <p><u>Last Amendment :</u> ODKPP*,2530-82,,,1982 <u>Entry / Update :</u> OCT1985</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>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.5 MG/KG. ADI = 0.01 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>
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 : **Leptophos**RTECS Number : **TB1720000**CAS Number : **21609-90-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD	-	AL	<p>SPECIFIED PLANT PRODUCTS: 0.03-0.2 MG/KG</p> <p><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)</p> <p><u>Reference</u> : VISAB*,2,,169,1979 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</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 IF SWALLOWED (R 25); TOXIC - DANGER OF VERY SERIOUS IRREVERSIBLE EFFECTS IF SWALLOWED (R 39/25). XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN (R 21). LABEL: T - TOXIC; HARMFUL IN CONTACT WITH SKIN (R 21); TOXIC IF SWALLOWED (R 25); TOXIC - DANGER OF VERY SERIOUS IRREVERSIBLE EFFECTS (R 39/25); AVOID CONTACT WITH EYES (S 25); 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).</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>
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>
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> :</p> <p><u>Last Amendment</u> : OSUMH*,,, <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : AUG1988</p>

Common Name : **Leptophos**RTECS Number : **TB1720000**CAS Number : **21609-90-5**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					

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	PLANT 2-10 MG/KG; ANIMAL FAT 7 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	LABEL	-	RSTR	NORMS FOR LABELLING. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ARESA*,1274,,, <u>Effective Date :</u> 9OCT1969 <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 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	USE	-	RSTR	MINIMUM QUANTITY IN ANTI-SCAB DIPS 500 G/1000 L, AND IN SPRAY 600 G/1000 L. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ARESA*,1274,,, <u>Effective Date :</u> 9OCT1969 <u>Entry / Update :</u> 1982
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.5 MG/M3. SKIN ABSORPTION, 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,I,1,1979 <u>Last Amendment :</u> ARGOB*,27145,I,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: 0.001-2.0 MG/KG; SECURITY INTERVAL: 14-120 DAYS; SPECIFIED ANIMAL PRODUCTS: 0.1-0.7 MG/KG; 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 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	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: 0.000006 MG/L. PRESCRIBED BYTHE 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>Last Amendment :</u> <u>Effective Date :</u> AUG1989 <u>Entry / Update :</u> DEC1991

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.004 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER 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; 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 3 PPM; SPECIFIED ANIMAL PRODUCTS, MRL = 0.2-2.01 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 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> 13SEP1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</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,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.5 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> MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC MANUFACTURING USE AS ACARICIDE, INSECTICIDE. (FORMULATION: WETTABLE POWDER; EMULSIFIABLE CONCENTRATE OR EMULSION; DUST OR POWDER; SLOW-RELEASE GENERATOR; SOLUTION; PELLETS; SUSPENSION). CODE LN. 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	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>

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1-3.0 MG/KG (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
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> : SPFOR*,290,1990 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	FEED	-	MXL	MXL: 0.1 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.1-1.0 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
DEU	REC	AIR	OCC	BAT	BLOOD: 20 UG/L. PLASMA/SERUM: 25 UG/L. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT. <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,,99,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992
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: 5.0 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 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 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	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
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 - 2.0 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

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	USE	PESTI	RSTR	<p>THE APPLICATION IN MILLS, FLOUR SILOS, IN STOCKS OF GRAIN AND GRAIN PRODUCTS IS PROHIBITED. PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS AGAINST BARK-BEETLES IN REMOVED BARK, AND AS POURING AGENT AND SPREADING AGENT. 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,,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,1796,1991 <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 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,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SHEEP, SHEEP PRODUCTS, SHEEP FAT, FISH, CRUSTACEAN, MOLLUSCA, AND THEIR PRODUCTS: 2.0 MG/KG LIPID WEIGHT. OTHER MEAT, OTHER MEAT PRODUCTS, OTHER EDIBLE FAT OF ANIMAL ORIGIN: 1.0 MG/KG LIPID WEIGHT. MILK, MILK PRODUCTS: 0.2 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.1 MG/KG WET WEIGHT.</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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); IRRITATING TO EYES AND SKIN (R 36/38); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); 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	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF GAMMA-HEXACHLOROCYCLOHEXANE FOR ALL FEEDINGSTUFFS: 0,2 MG/KG EXCEPT FATS: 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	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 1 MG/KG; PLANT (SPECIFIED): 0.1-2 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 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 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>

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	AQ	EMI	MXL	<p>LIMIT VALUES FOR HCH IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONC. OF HCH OR MONTHLY AVERAGE IN WEIGHT/T HCH PRODUCED/TREATED) WHICH ARE TO BE COMPLIED WITH BY A) 1.4.1986 AND B) 1.10.1988 ARE FOR: 1. PLANT FOR THE PRODUCTION OF HCH: A) 3 MG/L DISCHARGED OR 3G/T HCH PRODUCED; B) 2 MG/L DISCHARGE OR 2G/T HCH PRODUCED. 2. PLANT FOR THE EXTRACTION OF LINDANE: A) 8 MG/L DISCHARGE OR 15G/T HCH TREATED; B) 2 MG/L DISCHARGE OR 4G/T HCH TREATED. 3. PLANT WHERE THE PRODUCTION OF HCH AND EXTRACTION OF LINDANE IS CARRIED OUT: A) 6 MG/L DISCHARGE OR 16G/T HCH PRODUCED; B) 2 MG/L DISCHARGE OR 5G/T HCH PRODUCED. (REFERENCE METHOD OF ANALYSIS: GC-EC)</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 9 OCTOBER 1984 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF HEXACHLOROCYCLOHEXANE. (84/491/EEC).</p> <p><u>Reference :</u> OJEC**,L274,,11,1984 <u>Effective Date :</u> 01APR1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1986</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.1 MG/KG (FROM 1.1.1990)</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	FOOD	PESTI	MRL	<p>0,01-2 MG/KG OF FAT, CONTAINED IN MEAT, PREPARATIONS OF MEAT, OFFALS AND ANIMAL FATS; 0,008 MG/KG FOR RAW COW'S MILK AND WHOLE CREAM COW'S MILK.</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>HCH CONTAINING LESS THAN 99,9 % OF THE GAMMA ISOMER 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>
F/W	REC	FOOD FOOD FOOD	-	ADI MRL ERL	<p>ADI: 0.01 MG/KG BW; MRL: CRANBERRIES, STRAWBERRIES: 3 MG/KG; CARCASE MEAT OF CATTLE, PIGS, AND SHEEP (IN CARCASE FAT), ENDIVE, LETTUCE, SPINACH, TOMATOES: 2 MG/KG; BEANS (DRIED), COCOA BEANS, COCOA BUTTER, COCOA MASS, KOHLRABI, RADISHES: 1 MG/KG; APPLES, BRUSSELS SPROUTS, CABBAGE, CABBAGE (SAVOY), CAULIFLOWER, CEREAL GRAINS (INCLUDING RICE), CHERRIES, CURRANTS (RED), GRAPES, PEARS, PLUMS: 0.5 MG/KG; PEAS, SUGER BEETS (ROOTS, TOPS): 0.1 MG/KG; POTATOES, RAPESEED: 0.05 MG/KG; MILK: 0.01 MG/KG; ERL: POULTRY (IN CARCASE FAT): 0.7 MG/KG; CARROTS: 0.2 MG/KG; EGGS (SHELL-FREE BASIS): 0.1 MG/KG (EXPRESSED AS LINDANE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*,XIII,,48-IV,1986 <u>Entry / Update :</u> APR1991</p>
FAO	REC	FOOD	-	MRL	<p>CRANBERRIES, STRAWBERRIES:3 MG/KG; ENDIVE, LETTUCE, MEAT OF CATTLE, PIGS AND SHEEP (FAT BASIS), SPINACH, TOMATOES: 2 MG/KG; BEANS (DRIED), COCOA BEAN, COCOA BUTTER, COCOA MASS, KOHLRABI, RADISH: 1 MG/KG; APPLES, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CHERRIES, GRAPES, PEARS, PLUMS, RAW CEREALS, REDCURRANTS, RICE (IN HUSK), SAVOY CABBAGE: 0.5 MG/KG; MILK PRODUCTS (FAT BASIS): 0.2 MG/KG; PEAS, SUGARBEET (ROOTS), SUGARBEET (LEAVES): 0.1 MG/KG; POTATOES, RAPESEED: 0.05 MG/KG; MILK (WHOLE): 0.01 MG/KG.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> FPPDD,99,,65,1989 <u>Entry / Update :</u> JUL1990</p>

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ	SURF	CLASS	<p>AN INLAND SURFACE WATER IS ASSIGNED THE DS1 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.1UG/L (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) REGULATIONS 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 84/491/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	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	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN GAMMA-HEXACHLOROCYCLOHEXANE 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 GAMMA-HEXACHLOROCYCLOHEXANE 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> : 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	AIR	OCC	OES	<p>8H-TWA: 0.5 MG/M3 - 10 MIN- STEL: 1.5 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>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.008-3.0 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,,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>ALL ISOMERS OF HEXACHLOROCYCLOHEXANE 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	AIR	OCC	OES	<p>8H-TWA: 0.5 MG/M3. STEL (10 MIN-TWA): 1.5 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>

Common Name : **Lindane**RTECS Number : **GV4900000**CAS Number : **58-89-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ	SURF AQ	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 0.001 MG/L (FOR TOTAL OF THE PESTICIDES BHC, DIELDRIN AND PARATHION), DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.0025 MG/L (FOR TOTAL OF THE PESTICIDES BHC, DIELDRIN AND PARATHION), OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.005 MG/L (FOR TOTAL OF THE PESTICIDES BHC, DIELDRIN AND PARATHION), 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	AQ	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.02UG/L FOR ALL ISOMERS OF HEXACHLOROCYCLOHEXANE 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 84/491/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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-44% (SOLID) OR 100-15% (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>
JPN	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS : 0.2 MG/KG OF HCH (INCLUDING ALL HCH ISOMERS)</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	USE USE	AGRIC PESTI	RSTR RSTR	<p>THE USE OF BENZENE HEXACHLORIDE IN KENYA WILL BE RESTRICTED TO LINDANE. REASONS FOR THE CONTROL ACTION: RISK ASSOCIATED WITH TOXICITY AND WIDE USAGE.</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> : 22APR1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1985</p>

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.1-3.0 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
MEX	-	USE USE	AGRIC PESTI	RSTR RSTR	PESTICIDE OF RESTRICTED AGRICULTURAL USE FOR RICE, BARLEY, MAIZE AND WHEAT. REASONS FOR THE CONTROL ACTION: CONTROL OF PESTS (AND ITS HIGH TOXICITY, LD50:76-200 MG/KG) <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> 25JUL1988 <u>Last Amendment :</u> <u>Entry / Update :</u> 1987
MEX	REG	AQ	AMBI	MPC	0.056 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	0.2 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	0.002 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 0.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1.5 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:0.05-1.0 MG/KG;0.2-0.7 MG/KG (ANIMAL PRODUCTS CALCULATED 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	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY CUMULATIVE (APPLIES TO MERCUR-GENKAN - A MIXTURE OF GRANOSAN M, LINDANE AND HEXACHLOROBENZENE) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,123-5/699-23,,9NOV,1981 <u>Entry / Update :</u> AUG1988
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	FOOD	-	MRL ADI	LIMITS FOR BABY FOOD PRODUCTS: 0.005-0.2 MG/KG; ADI = 0.005 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 : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

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
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	AQ	SURF	PSL CLASS	0.004 MG/L HAZARD CLASS: I <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 + 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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.005-0.5 MG/KG (MILK PRODUCTS: 1.25 MG/KG ON FAT BASIS) ADI = 0.01 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	SOIL	-	MAC	0.1 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
SWE	REG	FOOD	PESTI	MTC	ANIMAL PRODUCTS: 0.005-0.2 MG/KG (INCL. THE ALPHA-AND BETA-ISOMERS) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE 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> 01JAN1990 <u>Entry / Update :</u> 1992
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-1.0 MG/KG. <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV RS 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 : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	USE	PESTI	PRO	SEVERLY RESTRICTED IN 1970 AND SUBSEQUENTLY BANNED FROM USE IN AGRICULTURE BECAUSE OF ITS SUSPECTED CARCINOGENIC PROPERTIES AND PERSISTENCE. REMAINING USE AS WOOD PRESERVATIVE SUSPENDED 1988. <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> NPPBD*,,,,1978 <u>Effective Date :</u> ** 1978 <u>Last Amendment :</u> SVENF*,1985:426,,4,1985 <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 = 100-44% (SOLID) OR 100-15% (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) 0.5 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	REC	SAFTY USE	OCC OCC	MXL MXL	1000 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,136,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,136,1990 <u>Entry / Update :</u> OCT1991
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	0.4 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	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	AQ	CONSM	MPC	00.4 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

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1,000/10,000 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	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	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. 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 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 0.004 MG/L THIS SUBSTANCE MUST NOT EXCEED 0.004 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>

Common Name : Lindane

RTECS Number : GV4900000

CAS Number : 58-89-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, LINDANE, 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
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 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 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	-	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	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	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 : Lindane**RTECS Number :** GV4900000**CAS Number :** 58-89-9

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.
		AQ	PESTI	GL	

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

Common Name : **Linuron**RTECS Number : **YS9100000**CAS Number : **330-55-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	PLANT 0.25-1.0 MG/KG; MEAT AND ANIMAL FAT 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
ARG	REG	FEED	-	MXL	0.5-1.0 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
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-1 MG/KG; SECURITY INTERVAL: 60-150 DAYS (DIFFERENT FOR OTHER 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 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	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>Last Amendment :</u> <u>Effective Date :</u> 1989 <u>Entry / Update :</u> NOV1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS HERBICIDE. (FORMULATION: SUSPENSION; WETTABLE POWDER). CODE LUN. 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	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
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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 - 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DIURON, LINURON, AND NEBURON TOGETHER WITH DEGRADATION AND REACTION PRODUCTS CONTAINING STILL THE 3,4-DICHLOROANILINE GROUP; CALCULATED AS 3,4-DICHLOROANILINE. <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

Common Name : Linuron

RTECS Number : YS9100000

CAS Number : 330-55-2

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,,f,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); LABEL: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (§ 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>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A CONTACT AND 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: 0.25-1.0 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	USE	AGRIC	PRO	<p>PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: CARCINOGENIC. (CONFIRMED IN HUMAN)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OSUMH*,,21MCH,1986 <u>Entry / Update :</u> AUG1988</p>
RUS	REG	SOIL	-	MAC	<p>1.0 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1981</p> <p><u>Last Amendment :</u> SCHSB*,SUPL-6,,1982 <u>Entry / Update :</u> OCT1985</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>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	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> JUN1981</p> <p><u>Last Amendment :</u> SCHSB*,SUPL-5,,1982 <u>Entry / Update :</u> OCT1985</p>

Common Name : **Linuron**RTECS Number : **YS9100000**CAS Number : **330-55-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS; ADI = 0.01 MG/KG BW. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Effective Date :</u> JAN119 (<u>Entry / Update :</u> JUL1990
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS;ADI = 0.01 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	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
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, LINURON, 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>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : **Lithium Fluoride**RTECS Number : **OJ6125000**CAS Number : **7789-24-4**Area Type Subject Spec. Description Level / Summary information :

CAN	REG	USE STORE LABEL	OCC	RQR	Description	Level / Summary information :
					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
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. (APPLIES TO HYDROFLUORIC ACID, ALKALI METAL BIFLUORIDES, AMMONIUM BIFLUORIDE, ALKALI METALFLUORIDES, AMMONIUM FLUORIDE, AND SODIUM SILICOFLUORIDE)	
					<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
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3; TWA: 0.2 MG/M3 (AEROSOL) (CALCULATED AS F); HAZ. CLASS: II	
					<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
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

Common Name : Magnesium Phosphide

RTECS Number :

CAS Number : 12057-74-8

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 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.): UN2011. CLASS (4.3): DANGEROUS WHEN WET; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 48, 99. 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.</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 PHOSPHIDES)</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 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 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 : Magnesium Phosphide

RTECS Number :

CAS Number : 12057-74-8

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: F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES TOXIC, HIGHLY FLAMMABLE GAS. T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). LABEL: F - FLAMMABLE; T+ - VERY TOXIC; CONTACT WITH WATER LIBERATES TOXIC, HIGHLY FLAMMABLE GAS (R 15/29); VERY TOXIC IF SWALLOWED (R 28); KEEP LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2); DO NOT BREATHE DUST (S 22); IN CASE OF FIRE, USE... (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 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	SALE CLASS LABEL STORE	CONSM	RSTR CLASS RQR RSTR	<p>A LISTED POISON WHICH IS SUBJECT TO RESTRICTIONS OF SALE AND STORAGE. CONTAINERS MUST BE CLEARLY LABELLED WITH THE WORD "POISON".</p> <p><u>Title</u> : THE POISONS RULES 1982</p> <p><u>Reference</u> : GBRSI*,218,,12,1982 <u>Effective Date</u> : 01APR1986</p> <p><u>Last Amendment</u> : GBRSI*,10,,1986 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.3 = SUBSTANCE WHICH, IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I = GREAT DANGER. (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2011</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: 4.3 = SUBSTANCE WHICH, IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER. (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2011</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	CLASS MANUF	-	RQR PRMT	<p>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 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 : **Malaoxon**RTECS Number : **TF0490000**CAS Number : **1634-78-2**

<u>Area</u>	<u>Type</u>	<u>Subject</u>	<u>Spec.</u>	<u>Description</u>	<u>Level / Summary Information :</u>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.5 - 8.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF MALATHION AND MALAOXON.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG)</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>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.5 MG/KG; VEGETABLES (EXCEPTROOT): 3.0 MG/KG (LIMITS INCLUDE MALATHION ANDMALAOXON)</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> 1978</p> <p><u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Entry / Update :</u> APR1986</p>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 8 MG/KG (SUM OF MALATHION AND MALAOXON, EXPRESSED AS MALATHION)</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>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.5-8.0MG/KG (AS THE SUM OF MALATHION AND MALAOXON, EXPRESSED AS MALATHION). 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 : Malathion

RTECS Number : WM8400000

CAS Number : 121-75-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 10 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,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 FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT RSTR CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.5-8 MG/KG; SPECIFIED PLANT PRODUCTS: 135 MG/KG (NON-INTENTIONAL RESIDUE); SECURITY INTERVAL: 0-80 DAYS; PROVISIONAL TOXICITY CLASS: III,IV (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 5% (WT/WT); MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR USE AS INSECTICIDE IN RESIDENTIAL GARDENS: 0.5% (WT/VOLUME).</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*,1,1,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REC	AQ	DRINK	GL MAC	<p>MAC: 0.19 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*,1,1,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 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> : MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, RESTRICTED, MANUFACTURING USE AS ACARICIDE; INSECTICIDE. (FORMULATION: SOLUTION; DUST OR POWDER; EMULSIFIABLE CONCENTRATE OR EMULSION; WETTABLE POWDER; SUSPENSION; PARTICULATE; PRESSURIZED PRODUCT). CODE MAL. 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,,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 ORGANOPHOSPHORUS 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>

Common Name : **Malathion**RTECS Number : **WM8400000**CAS Number : **121-75-5**

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 = 0.5-8 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.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 25AUG1976</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.5-8.0 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	-	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: 15 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.</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	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.5 - 8.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF MALATHION AND MALAOXON.</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	<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>

Common Name : **Malathion**RTECS Number : **WM8400000**CAS Number : **121-75-5****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. (APPLIES TO MALATHION CONTAINING >1.8% ISOMALATHION).</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 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% 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. (APPLIES TO MALATHION CONTAINING <=1.8% ISOMALATHION).</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>SPECIFIED FRUIT: 2 MG/KG; VEGETABLES (EXCEPT ROOT): 3 MG/KG; OTHER PRODUCTS: 0,5 MG/KG. (LIMITS INCLUDE MALATHION AND MALAOXON)</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	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 8 MG/KG (SUM OF MALATHION AND MALAOXON, EXPRESSED AS MALATHION)</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 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).</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**,L180,,79,1991 <u>Entry / Update</u> : APR1992</p>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.02 MG/KG BW; MRL: BRAN OF RYE AND WHEAT (UNPROCESSED): 20 MG/KG; BEANS (DRIED), BLACKBERRIES, CABBAGE, CEREAL GRAINS, ENDIVE, FRUIT (DRIED), GRAPES, LENTILS, LETTUCE, NUTS (WHOLE), RASPBERRIES, SPINACH: 8 MG/KG; CHERRIES, PEACHES, PLUMS: 6 MG/KG; BROCCOLI: 5 MG/KG; CITRUS FRUIT: 4 MG/KG; KALE, TOMATOES, TURNIPS: 3 MG/KG; APPLES, BEANS (GREEN), WHOLE MEAL AND FLOUR FROM RYE AND WHEAT: 2 MG/KG; CELERY, STRAWBERRIES: 1 MG/KG; BLUEBERRIES, CAULIFLOWER, COLLARDS, EGGPLANTS, KOHLRABI, PEARS, PEAS (IN POD), PEPPERS, ROOT VEGETABLES (EXCEPT TURNIPS), SWISS CHARD: 0.5 MG/KG (EXPRESSED AS MALATHION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,49-IV,1986 <u>Entry / Update</u> : APR1991</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>

Common Name : **Malathion**RTECS Number : **WM8400000**CAS Number : **121-75-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN MALATHION 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 MALATHION 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.5-8.0 MG/KG (AS THE SUM OF MALATHION AND MALAOXON, EXPRESSED AS MALATHION). 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	AQ MANUF	EMI INDST	PRO RSTR	<p>MALATHION 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	AIR	OCC	OES	<p>8H-TWA: 10 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> : 01JAN1988</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 10 MG/M3. 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>
JPN	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1-2.0 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: 0.5-8.0 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	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>

Common Name : **Malathion**RTECS Number : **WM8400000**CAS Number : **121-75-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.5-8.0 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	AIR	AMBI	MAC	0.015 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	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	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 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	FEED	-	MRL	2.0 MG/KG (DAIRY CATTLE) ; 5.0 MG/KG (FATTENING CATTLE) <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: 0.1-3.0 MG/KG. ADI = 0.02 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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-3.0 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
RUS	REG	SOIL	-	MAC	2.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKCP*,1496-76,,,1976 <u>Effective Date :</u> AUG1976 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC CLASS	0.05 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 : **Malathion**RTECS Number : **WM840000**CAS Number : **121-75-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	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
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 3.0 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 KUNGOBRELSSEN (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	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
USA	REC	SAFTY USE	OCC OCC	MXL MXL	5000 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,138,1990 <u>Last Amendment :</u> XPHPAW,90,117,138,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 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	-	RQR PRMT	REGISTRATION STANDARD, MALATHION, 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>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : **Malathion**RTECS Number : **WM840000**CAS Number : **121-75-5**Area Type Subject Spec. Description Level / Summary Information :

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 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 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	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

Common Name : Maleic Anhydride

RTECS Number : ON3675000

CAS Number : 108-31-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 1 MG/M3 (0.25 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*,24170,1,1,1979 <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	AIR	OCC	TLV	<p>TWA: 0.25 PPM, 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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SOLID OR MOLTEN. PIN (PRODUCT IDENTIFICATIONNO.): UN2215. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 44, 109. 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>
CSK	REG	AIR	OCC	MAC	<p>TWA: 1.0 MG/M3; CLV: 3.0 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>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 : Maleic Anhydride

RTECS Number : ON3675000

CAS Number : 108-31-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>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. DANGER OF SENSITIZATION. 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>
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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); MAY CAUSE SENSITIZATION BY INHALATION (R 42). 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); MAY CAUSE SENSITIZATION BY INHALATION (R 42); DO NOT BREATHE DUST (S 22); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR EYE/FACE PROTECTION (S 39). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY INHALATION (R 42). FROM 10% TO 25%: XN - HARMFUL; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY INHALATION (R 42). FROM 1% TO 10%: XN - HARMFUL; MAY CAUSE SENSITIZATION BY INHALATION (R 42).</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.</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 (0.25 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>

Common Name : Maleic Anhydride

RTECS Number : ON3675000

CAS Number : 108-31-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO MALEIC ANHYDRIDE, SOLID OR MOLTEN). UN NO. 2215 <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 COPEDE 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 1 MG/M3 (0.25 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 : 1.0 MG/M3 (AEROSOL + 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	0.2 MG/M3 1X/D, 0.05 MG/M3 AV/D(VAPOUR,AEROSOL) <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: 1.2 MG/M3 (0.3 PPM), 15 MIN - STEL: 2.5 MG/M3 (0.6 PPM). 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: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2215. <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) 0.25 PPM, 1.0 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

Common Name : Maleic Anhydride

RTECS Number : ON3675000

CAS Number : 108-31-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REC	SAFTY USE	OCC OCC	MXL MXL	500 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,138,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,138,1990 <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> FEREC,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	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>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	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> FEREC,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. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM 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. <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 : Maleic Anhydride

RTECS Number : ON3675000

CAS Number : 108-31-6

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	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	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 : **Mancozeb**RTECS Number : **ZB3200000**CAS Number : **8018-01-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-7MG/KG (EXPRESSED AS CS2); SECURITY INTERVAL: 7-60 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 4-7 PPM. APPLIES TO ZINC AND MANGANESE SALTS OF ETHYLENEBISDITHIOCARBAMATE EXPRESSED AS ZINEB. 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 USE AS ACARICIDE; FUNGICIDE (AGRICULTURAL). (FORMULATION: WETTABLE POWDER; DUST OR POWDER). CODE MCZ. THE PESTCONTROL 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 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	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. <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: 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. <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 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

Common Name : **Mancozeb**RTECS Number : **ZB3200000**CAS Number : **8018-01-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED. (APPLIES TO MANCOZEB ALONE OR WITH METALAXYL) <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
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 1.0-2.0 MG/KG AS SUM OF THE DITHIOCARBAMATES PRESENT. <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	REC	FOOD EXPR IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES : 0.02 MG/KG (CALCULATED AS ETHYLENETHIOUREA) <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 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	FOOD	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS : 0.1-0.5 MG/KG (CALCULATED AS CS2) ; 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	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	FOOD	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS : 0.1-0.5 MG/KG (CALCULATED AS CS2) ; ADI = 0.005 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
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.1-1.0MG/KG (CALCULATED AS THE SUM OF FERBAM, MANCOZEB, MANEB, PROPINEB, THIRAM, ZINEB AND ZIRAM, EXPRESSED AS CS2) <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

Common Name : Mancozeb

RTECS Number : ZB3200000

CAS Number : 8018-01-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS	-	RQR	Description	Level / Summary Information :
		MANUF		PRMT	REGISTRATION STANDARD, MANCOZEB, 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 : **Maneb**RTECS Number : **OP0700000**CAS Number : **12427-38-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	0.1-15.0 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	APPLES AND PEARS 1 MG/KG (WITH ZINEB). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ARESA*,786,,1978 <u>Effective Date :</u> 17NOV1978 <u>Entry / Update :</u> 1982
BRA	REG	FOOD	-	AL	SPECIFIED PLANT PRODUCTS: 0.05-10 MG/KG; SECURITY INTERVAL: 90 DAYS. SOME OF THE LIMITS ARE PROVISIONAL SINCE AGRICULTURAL DATA ARE NOT AVAILABLE IN THE COUNTRY. THE RESIDUES ARE CALCULATED AS THE SUM OF MANEB AND ITS METABOLITE ETHYLENE THIOUREA (ETU). THE AMOUNT OF ETU RESIDUE MUST NOT EXCEED 0.002 MG/KG. <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> AUG1982
CAN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 4-7 PPM. APPLIES TO ZINC AND MANGANESE SALTS OF ETHYLENEBISDIETHYLCARBAMATE EXPRESSED AS ZINEB. 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> 25AUG1976 <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 FUNGICIDE (AGRICULTURAL). (FORMULATION: DUST OR POWDER; SUSPENSION; WETTABLE POWDER). CODE MAN. 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	TRNSP LABEL PACK	-	CLASS RQR	WITH NOT LESS THAN 60% MANEB. PIN (PRODUCT IDENTIFICATION NO.): UN2210. CLASS (4.2): SPONTANEOUS COMBUSTIBLE; CLASS (4.3): DANGEROUS WHEN WET. SPECIAL PROVISIONS: 48, 83, 118. 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 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 MANEB PREPARATIONS) <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 : **Maneb**RTECS Number : **OP0700000**CAS Number : **12427-38-2**

Area	Type	Subject	Spec.	Description	Level / Summary information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>STABILIZED AGAINST SELF-HEATING. PIN (PRODUCT IDENTIFICATION NO.): UN2968. CLASS(4.3): DANGEROUS WHEN WET. SPECIAL PROVISIONS: 48, 84, 118. PACKING GROUP III,(I=GREAT DANGER, II=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 SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO MANEB PREPARATIONS)</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>
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>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED. (APPLIES TO MANEB ALONE, WITH FENTIN ACETATE, AND WITH ZINC OXIDE)</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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.3 = SUBSTANCE WHICH, IN CONTACT WITH WATER, EMITS INFLAMMABLE GASES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO MANEB OR MANEB PREPARATIONS, STABILIZED). UN NO.2968.</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: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). SUBSIDIARY RISK LABEL: DANGEROUS WHEN WET. (APPLIES TO MANEB OR MANEB PREPARATIONS WITH NOT LESS THAN 60% MANEB). UN NO.2210.</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	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.1-10.0 MG/KG CALCULATED AS ZINEB.</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 : **Maneb**RTECS Number : **OP0700000**CAS Number : **12427-38-2**Area Type Subject Spec. Description Level / Summary Information :

RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.02 MG/KG (CALCULATED AS ETHYLENETHIOUREA)
<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	AIR	OCC	MAC CLASS	CLV : 0.5 MG/M3 (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	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: MUTAGENIC, TERATOGENIC, CARCINOGENIC
<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: 0.1-1.0 MG/KG (CALCULATED AS THE SUM OF FERBAM, MANCOZEB, MANEB, PROPINEB, THIRAM, ZINEB AND ZIRAM, EXPRESSED AS CS2)
<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: 4.2 = INFLAMMABLE SOLID. (SUBSIDIARY RISK: 4.3 = INFLAMMABLE SOLID). PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO MANEB OR MANEB PREPARATIONS WITH NOT LESS THAN 60% MANEB). UN NO.2210.
<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: 4.3 = SUBSTANCE WHICH, IN CONTACT WITH WATER, EMITS INFLAMMABLE GASES. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO MANEB OR MANEB PREPARATIONS STABILIZED AGAINST SELF-HEATING). UN NO.2968.
<u>Title :</u>					
<u>Reference :</u>					
<u>Last Amendment :</u> UNTDG*,,,15,1989					
<u>Effective Date :</u>					
<u>Entry / Update :</u> JUN1986					

Common Name : **Maneb**RTECS Number : **OP0700000**CAS Number : **12427-38-2**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, MANEB, 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	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.
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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 : Manganese

RTECS Number : OO9275000

CAS Number : 7439-96-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>MANGANESE FUME: 8H-TWA: 1 MG/M3, 15 MIN - STEL: 3 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). MANGANESE DUST AND COMPOUNDS: 8H-TWA: 5 MG/M3 (CALCULATED AS MN). (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	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) 0.5 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	DRINK	GL MAC	<p>AESTHETIC OBJECTIVE (AO) = < 0.05 MG/L. PROPOSED LEVEL 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	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 MANGANESE 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>DUST AND COMPOUNDS, AS MN - TWA: CEILING LIMIT - 5 MG/M3; FUME, AS MN - TWA: 1 MG/M3; STEL: 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><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	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.05 MG/L II CLASS: BELOW 0.1 MG/L III CLASS: BELOW 0.3 MG/L IV CLASS: BELOW 0.8 MG/L V CLASS: ABOVE 0.8 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 : Manganese

RTECS Number : OO9275000

CAS Number : 7439-96-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	OCC	MAC	TWA: 2.0 MG/M3; CLV: 6.0 MG/M3 (CALCULATED AS MN) (APPLIES TO MANGANESE 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	SURF	MAC	0.5 MG/L (APPLIES TO MANGANESE 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	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO MANGANESE AND ITS COMPOUNDS EXPRESSED AS MANGANESE) <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: 100 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 10-300 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	DRINK	MAC	0.1 MG/L (APPLIES TO MANGANESE AND 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	AQ	SURF DRINK	MAC	0.2 MG/L (APPLIES TO MANGANESE 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	AIR	OCC	MAK	8H-TWA: 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: 50 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 ARBEITSSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	AQ	DRINK	MPC	0.05 MG/L (CALCULATED AS MN) CORRESPONDING TO ABOUT 0.9 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.01 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

Common Name : Manganese

RTECS Number : OO9275000

CAS Number : 7439-96-5

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>
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 MN 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 METHOD : AAS)</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 AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 50 MG MN/L, GL : 20 UG MN/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> : JAN1983</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 MN 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 METHOD : AAS)</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>
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 MN IN UNFILTERED SURFACE AND GROUND WATER AT LEAST 1X/YEAR. (REFERENCE METHOD : AAS)</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>

Common Name : Manganese

RTECS Number : OO9275000

CAS Number : 7439-96-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FEED	ADDIT	PRMT	<p>MANGANESE MAY BE ADDED AS A TRACE ELEMENT IN THE FORMS OF MANGANOUS CARBONATE, MANGANOUS CHLORIDE TETRAHYDRATE, MANGANOUS HYDROGEN PHOSPHATE TRIHYDRATE, MANGANOUS OXIDE, MANGANIC OXIDE, MANGANOUS SULFATE TETRAHYDRATE, MANGANOUS SULFATE MONOHYDRATE (EEC NO. E5) 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	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	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR MANGANESE IN SURFACE 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	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 AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR MANGANESE IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER : -. GUIDELINE VALUES : 0.05 MG MN/L FOR SIMPLE WATER TREATMENT METHODS 0.1 MG MN/L FOR NORMAL METHODS AND 1 MG MN/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>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE PRODUCTION OF ANY COMPOUND OF MANGANESE 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 : Manganese

RTECS Number : OO9275000

CAS Number : 7439-96-5

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 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 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,,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 MANGANESE FUME, CALCULATED AS MN: 8H-TWA:1 MG/M3; STEL (10 MIN-TWA): 3 MG/M3. FOR MANGANESE AND COMPOUNDS CALCULATED AS MN:8H-TWA: 5 MG/M3; STEL (10 MIN-TWA): 5 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> : 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	AQ MONIT	DRINK	MPC RQR	<p>50 MN/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	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 MANGANESE EXPRESSED AS MN 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> : 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>50UG MN/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>
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 MANGANESE 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>

Common Name : Manganese

RTECS Number : OO9275000

CAS Number : 7439-96-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	AIR	OCC	MAC	TWA: 0.3 MG/M3 (INCL. MANGANESE AND ITS COMPOUNDS EXCEPT ORGANIC MANGANESE COMPOUNDS. VALUES ARE EXPRESSED AS MANGANESE). (APPLIES TO INHALABLE 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
JPN	REG	AQ	EMI	MXL	MAXIMUM LIMIT: 10 MG/L (APPLIES TO DISSOLVED MANGANESE) <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 MANGANESE IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 0.3 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	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1 MG/M3 OF FUMES MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 3 MG/M3 OF FUMES 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 CONCENTRATION OF 5 MG/M3 SHOULD NEVER BE EXCEEDED AT ANY TIME. <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	0.01 MG/M3 1X/D, 0.001 MG/M3 AV/D (CALCULATED AS MANGANESE DIOXIDE; APPLIES TO MANGANESE AND ITS COMPOUNDS) <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 CLASS	0.1 MG/L (APPLIES TO MANGANESE AND ITS INORGANIC COMPOUNDS, CALCULATED AS MANGANESE) 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	1500 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : APR1982 <u>Last Amendment</u> : PDKCP*,2546-82,,1982 <u>Entry / Update</u> : OCT1985
RUS	REG	AQ	DRINK	MAC	0.1 MG/L <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JAN1985 <u>Last Amendment</u> : GOSTS*,2874-82,,1982 <u>Entry / Update</u> : SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.2 MG/M3 (APPLIES TO MANGANESE AEROSOL WITH MN-CONTENT BELOW 20%); CLV: 0.1 MG/M3 (APPLIES TO MANGANESE AEROSOL WITH MN CONTENT 20-30% . 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 : Manganese

RTECS Number : OO9275000

CAS Number : 7439-96-5

Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	AIR	OCC	HLV	TOTAL DUST: 1D-TWA: 2.5 MG/M3; CLV: 5 MG/M3 (15 MIN -TWA). RESPIRABLE DUST: 1D-TWA: 1 MG/M3; 15 MIN - STEL: 2.5 MG/M3. THE LIMITS APPLY TO MANGANESE AND ITS INORGANIC COMPOUNDS, CALCULATED AS MN. <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	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 3 MG/M3 /FUME/ TIME WEIGHTED AVG (TWA) 5 MG/M3 /DUST/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	CONSM	MPC	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. <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	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 INJECTIO N, 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
WHO	REC	AQ	DRINK	GL	0.5 MG/L; PROVISIONAL GUIDELINE VALUE (GV); 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. 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 : MCPA

RTECS Number : AG1575000

CAS Number : 94-74-6

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: 0.1-300 MG/KG; SECURITY INTERVAL: 30-60 DAYS (DIFFERENT FOR CERTAIN USES); PROVISIONAL TOXICITY CLASS: II,III (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*,,,8,1984 <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
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FOR MCPA PRESENT AS AMINE SALTS, (DIETHANOLAMINE, DIMETHYLAMINE, OR MIXED AMINE SALTS); FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING, DOMESTIC USE AS HERBICIDE. (FORMULATION: SOLUTION). CODE MAB. 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	PACK LABEL USE	AGRIC PESTI	CLASS	FOR MCPA PRESENT AS ACID: FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS HERBICIDE. (FORMULATION: SOLUTION, DUST OR POWDER). CODE MAA. 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	PACK LABEL USE	AGRIC PESTI	CLASS	FOR MCPA PRESENT AS ESTERS: FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE FOR EMULSION; SOLUTION). CODE MAG. 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

Common Name : MCPA

RTECS Number : AG1575000

CAS Number : 94-74-6

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 MCPA INCLUDING ITS SALTS AND ESTERS, AND MCPB INCLUDING ITS SALTS AND ESTERS; CALCULATED AS MCPA.
					<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	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. (APPLIES TO MCPA AND/OR ITS SALTS AND ESTERS)
					<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 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 MCPA AND ITS ESTERS AND SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.
					<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
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	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 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 MG/KG.ADI = 0.008 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 : MCPA

RTECS Number : AG1575000

CAS Number : 94-74-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
RUS	REG	AQ	SURF	MAC CLASS	2.0MG/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	FOOD	PESTI	MTC	CERALS (SPECIFIED) : 0.1 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>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, MCPA, 1982THIS 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
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>Last Amendment :</u> WHODW*,,,1992 <u>Effective Date :</u> <u>Entry / Update :</u> OCT1992

Common Name : MCPA, 2-butoxyethyl ester

RTECS Number : AG1575000

CAS Number : 19480-43-4

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	Description	Level / Summary Information :
					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. (APPLIES TO MCPA AND/OR ITS SALTS AND ESTERS)	
					<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 : Mecarbam

RTECS Number :

CAS Number : 2595-54-2

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,,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 BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROMFOOD. DRINK AND ANIMAL FEEDING STUFFS (S 13); 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	CLASS PACK LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN MECARBAM 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>
FAO	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 2UG/KG BW MRL: CITRUS FRUIT: 2 MG/KG; CATTLE MEAT, EDIBLE OFFAT OF CATTLE, MILK: 0.01 MG/KG (RESIDUES REFER TO MECARBAM ALONE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : FPPDD,84,,52,1987 <u>Entry / Update</u> : JUL1990</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 BYA 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>POISON WHICH MAY BE SOLD BY LISTED SELLERS OFPART II POISONS ONLY TO PERSONS ENGAGED IN THE TRADE OR BUSINESS OF AGRICULTURE, HORTICULTURE OR FORESTRY AND FOR THE PURPOSE OF THATTRADE 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>SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF 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>

Common Name : Mecarbam

RTECS Number :

CAS Number : 2595-54-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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. (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> GBRSI*,1077,,1,1985</p> <p><u>Effective Date :</u> 01JAN1986</p> <p><u>Entry / Update :</u> FEB1986</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100- >30% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 30-7% A.I. (SOLID) OR 30-3% A.I. (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,6222,1990</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>
RUS	REG	USE	AGRIC	PRO	<p>NOT APPROVED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> OSUMH*,,,,</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> AUG1988</p>
SWE	REG	FOOD	PESTI	MTC	<p>CITRUS FRUITS: 2.0 MG/KG (PRELIMINARY)</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</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,,1989</p> <p><u>Effective Date :</u> 01JAN1990</p> <p><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 100- >30% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 30-7% A.I. (SOLID) OR 30-3% A.I. (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162,1989</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> MAY1986</p>

Common Name : **Menazon**RTECS Number : **TD5600000**CAS Number : **78-57-9**

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 MEN. 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,,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>VEGETABLES, FRUITS: 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	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); KEEP AWAY FROM FOOD. DRINK AND ANIMAL FEEDING STUFFS (S 13).</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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 1.0 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	AIR	AMBI	PSL	<p>0.001 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	<p>SURFACE WATER FOR FISHING: 0.0002 MG/L</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JUN1981</p> <p><u>Last Amendment :</u> SCHSB*,SUPL-5,,1982 <u>Entry / Update :</u> OCT1985</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	OCC	PSL	<p>1.0MG/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 : **Mephosfolan**

RTECS Number :

CAS Number : **950-10-7**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	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					
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN MEPHOSPOLAN 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.
<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: 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). WEAVE SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 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					
GBR	REG	SALE		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OFPART 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	USE	PESTI	RQR	FULL PROTECTIVE CLOTHING MUST BE WORN. A RESPIRATOR IS REQUIRED 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					

Common Name : **Mephosfolan**

RTECS Number :

CAS Number : **950-10-7**Area Type Subject Spec. Description Level / Summary Information :

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>Effective Date :</u> 1APR1982 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
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		RSTR	SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF 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	SALE STORE		RSTR RQR	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. (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: I = VERY DANGEROUS SUBSTANCE WHEN 100->25% A.I.; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 25->5% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 5-0.5% A.I. (SOLID OR LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCO*,,6222,1990 <u>Entry / Update :</u> JAN1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN 100->25% A.I.; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 25->5% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 5-0.5% A.I. (SOLID OR 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	SAFTY 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. <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 : **Mercaptophos**RTECS Number : **TF3150000**CAS Number : **8065-48-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1MG/M3 (0.01PPM). 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>0.08 MG/M3 (0.088 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.2-0.75 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.</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: 0.01 PPM, 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.01 ML/M3 (PPM); 0.1 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30MIN-STEL: 0.1 ML/M3 (PPM); 1.0 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF DISULFOTON, DISULFOTON-SULFOXIDE, DISULFOTON-SULFONE, DEMETON, DEMETON-O, DEMETON-S, DEMETON-SULFOXIDE, DEMETON-SULFONE; CALCULATED AS DISULFOTON.</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	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 : **Mercaptophos**RTECS Number : **TF3150000**CAS Number : **8065-48-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: WITHDRAWN; MRL: WITHDRAWN <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIII,,92-IV,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991
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>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Effective Date :</u> 31DEC1990 <u>Entry / Update :</u> SEP1992
IND	REG	MANUF - SAFTY STORE IMPRT		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 RESPONSABILITIES 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>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.2-1.25 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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.1MG/M3 (0.01PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.3MG/M3 (0.03PPM) 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	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

Common Name : **Mercaptophos**RTECS Number : **TF3150000**CAS Number : **8065-48-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.35MG/KG.ADI = 0.005MG/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 : 0.02 MG/M3 (VAPOUR + 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	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.35MG/KG. ADI = 0.005MG/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	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,20DEC,1967 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
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
USA	REC	SAFTY USE	OCC OCC	MXL MXL	20 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,80,1990 <u>Last Amendment :</u> XPHPAW,90,117,80,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.01 PPM, 0.11 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. <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, DEMETON, 1985.; 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 : **Mercaptophos**RTECS Number : **TF3150000**CAS Number : **8065-48-3**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>FERTILIZER FORMULATIONS WITH 1% DEMETON ARE RESTRICTED FOR ALL USES INCLUDING DOMESTIC. GRANULAR FORMULATIONS WITH 1.985% DEMETON ARE RESTRICTED FOR ALL USES INCLUDING DOMESTIC. ALL GRANULAR FORMULATIONS, EMULSIFIABLE CONCENTRATES, AND CONCENTRATED SOLUTIONS OF DEMETON ARE RESTRICTED FOR ALL USES.; SUMMARY - 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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500 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.</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 : **Mercuric Chloride**RTECS Number : **OV9100000**CAS Number : **7487-94-7****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>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS FUNGICIDE (AGRICULTURAL). (FORMULATION: DUST OR POWDER; WETTABLE POWDER). CODE MCC. 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.): UN1624. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 56, 102, 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	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>
GBR	REC	USE	AGRIC PESTI	PRO	<p>HOME GARDEN USE OF MERCURIC CHLORIDE WITHDRAWN (1967). FUNGICIDAL USES OF MERCURY DICHLORIDE IN AGRICULTURE, HORTICULTURE AND FORESTRY WITHDRAWN (1 JAN 1981). REASONS FOR THE CONTROL ACTION: ALL USES WITHDRAWN BECAUSE OF THE HIGH (ACUTE AND CHRONIC) MAMMALIAN TOXICITY OF MERCURY DICHLORIDE</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> 1967-1981</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1985</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. (APPLIES TO MERCURIC CHLORIDE EXCEPT SUBSTANCES CONTAINING LESS THAN ONE PER CENT OF MERCURIC CHLORIDE) (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 : **Mercuric Chloride**RTECS Number : **OV9100000**CAS Number : **7487-94-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 AGRICULTURAL, HORTICULTURAL AND FORESTAL FUNGICIDES, TREATMENTS ON SEEDS OR BULBS, INSECTICIDES (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 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1624. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.2 MG/M3; TWA: 0.05 MG/M3 (AS HG) (APPLIES TO ALL INORGANIC MERCURY COMPOUNDS); 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	0.0003 MG/M3 AV/D (CALCULATED AS MERCURY) <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	AMBI	PSL	0.0008 MG/M3 1X/D (APPLIES TO MIXTURES OF MERCURY COMPOUNDS WHICH ARE SOLUBLE IN WATER, CALCULATED AS MERCURY); 0.001 MG/M3 1X/D (APPLIES TO MIXTURES OF WATER SOLUBLE AND PARTLY WATERSOLUBLE MERCURY COMPOUNDS, CALCULATED AS MERCURY) <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. UN NO.1624. <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 MG/M3, SKIN /MERCURY ARYL & INORGANIC COMPOUNDS, AS HG/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 : **Mercuric Chloride**RTECS Number : **OV9100000**CAS Number : **7487-94-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	28 MG/M3. /MERCURY AND CMPDS (AS HG)/ <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,140,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,140,1990 <u>Entry / Update</u> : OCT1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME MERCURY CHLORIDES 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>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 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. <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	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

Common Name : Mercuric Oxide

RTECS Number : OW8750000

CAS Number : 21908-53-2

Area Type Subject Spec. Description Level / Summary Information :

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.): UN1641. 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. <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 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
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	PRO PRO PRO	MEMBER STATES SHALL ENSURE THAT PLANT PROTECTION PRODUCTS CONTAINING MERCURY COMPOUNDS 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> 31MCH1992 <u>Last Amendment :</u> OJEC**,L92,,42,1991 <u>Entry / Update :</u> NOV1987

Common Name : **Mercuric Oxide**RTECS Number : **OW8750000**CAS Number : **21908-53-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	EXPRT	PESTI	RQR	MERCURIC OXIDE 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). <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. <u>Reference :</u> OJEC**L155,,2,1988 <u>Effective Date :</u> 22JUN1988 <u>Last Amendment :</u> <u>Entry / Update :</u> 1991
GBR	REC	USE	AGRIC PESTI	RSTR	1) PERMITTED ONLY AS A CANCKER PAINT ON APPLE AND PEAR TREES, AFTER HARVEST AND BEFORE BUDBURST TO CONTROL CANCKERS CAUSED BY NECTRIA GALLIGENA (AGRICULTURAL AND HORTICULTURAL USE). 2) PERMITTED ONLY AS A READY TO USE FUNGICIDAL PAINT CONTAINING NOT MORE THAN 5% W/W ON APPLE AND PEAR TREES AFTER HARVEST AND BEFOREBUD BURST IN HOME GARDENS. USE AS A CANCKER PAREASONS FOR THE CONTROL ACTION: USE AS A CANCKER PAINT ON APPLE AND PEAR TREES RESTRICTED TO AFTER HARVEST AND BEFORE BUD BURST TO AVOID ACCUMULATION OF MERCURY IN HARVESTED FRUIT.THIS PERMITTED USE OF MERCURY OXIDE WILL BE WITHDRAWN WHEN AN EQUALLY EFFECTIVE NON-MERCURIAL ALTERNATIVE PESTICIDE IS AVAILABLE <u>Title :</u> CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE. <u>Reference :</u> GBCPR*,1462,,,1980 <u>Effective Date :</u> 01JAN1981 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1985
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>Effective Date :</u> 1APR1982 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
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
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 MERCURY OXIDE). UN NO. 1641 <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: 0.2 MG/M3; TWA: 0.05 MG/M3 (AEROSOL) (AS HG) (APPLIES TO ALL INORGANIC MERCURY COMPOUNDS); 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	AIR	AMBI	MAC	0.0003 MG/M3 AV/D (CALCULATED AS MERCURY (APPLIES TO RED AND YELLOW MERCURY OXIDE)) <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	AMBI	PSL	0.0009 MG/M3 1X/D (APPLIES TO MIXTURE OF MERCURY COMPOUNDS WHICH ARE NOT EASILY WATER SOLUBLE, CALCULATED AS MERCURY); 0.001 MG/M3 1X/D (APPLIES TO MIXTURE OF WATER SOLUBLE AND PARTLY WATER SOLUBLE MERCURY COMPOUNDS, CALCULATED AS MERCURY) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> DEC1983 <u>Last Amendment :</u> OBUAV*,2947-83,,,1983 <u>Entry / Update :</u> SEP1985

Common Name : **Mercuric Oxide**RTECS Number : **OW8750000**CAS Number : **21908-53-2****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 = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO MERCURY OXIDE). UN NO. 1641 <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	28 MG/M3. /MERCURY AND CMPDS (AS HG)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,140,1990 <u>Last Amendment :</u> XPHPAW,90,117,140,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 MG/M3, SKIN /MERCURY ARYL & INORGANIC COMPOUNDS, AS HG/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	TRNSP 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. 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	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>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : **Mercurous Chloride**RTECS Number : **OV8750000**CAS Number : **7546-30-7****Area Type Subject Spec. Description Level / Summary Information :**

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 FUNGICIDE (AGRICULTURAL). (FORMULATION: DUSTOR POWDER; WEETABLE POWDER). CODE MSC. 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>
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); KEEP OUT OF REACH OF CHILDREN (S 2).</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	EXPT	PESTI	RQR	<p>MERCUROUS CHLORIDE 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 : **Mercurous Chloride**RTECS Number : **OV8750000**CAS Number : **7546-30-7****Area Type Subject Spec. Description Level / Summary Information :**

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 MERCURY COMPOUNDS 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	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
GBR	REC	USE	AGRIC PESTI	RSTR	THE USE OF TECHNICAL MERCUROUS CHLORIDE CONTAINING UP TO 100 PPM OF MERCURIC CHLORIDE IS ACCEPTABLE IN FORMULATIONS. PERMITTED AS 1) A DRY DRESSING ON ONION SEED OR AS A DIP OR DRENCH FOR SHALLOTS AND TRANSPLANTED ONIONS AT PLANTING TIME TO CONTROL WHITE ROT (SCLEROTIUM); 2) A DUST APPLIED TO THE SOIL BEFORE OR SHORTLY AFTER SETTING OUT, AS A DIP OR ASA DRENCH, FOR BRASSICA TRANSPLANTS TO CONTROL CLUB ROOT (PLASMIDIOPHORA). PERMITTED FOR HOME GARDEN USE AS OUTLINED IN 1) AND 2) ABOVE AS A FORMULATED PREPARATION. REASONS FOR THE CONTROL ACTION: ALL OTHER USES HAVE BEEN WITHDRAWN IN ACCORDANCE WITH COUNCIL DIRECTIVE 79/117/EEC. THE REMAINING USES WILL BE WITHDRAWN WHEN SUITABLE NON- MERCURIAL ALTERNATIVES ARE AVAILABLE. <u>Title :</u> CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE. <u>Reference :</u> GBCPR*,1462,,1980 <u>Effective Date :</u> JAN1986 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1985
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
RUS	REG	AIR	AMBI	PSL	0.0009MG/M3 1X/D (APPLIES TO MIXTURE OF MERCURY COMPOUNDS WHICH ARE NOT EASILY WATER SOLUBLE, CALCULATED AS MERCURY); 0.001MG/M3 1X/D (APPLIES TO MIXTURE OF WATER SOLUBLE AND PARTLY WATER SOLUBLE MERCURY COMPOUNDS, CALCULATED AS MERCURY) <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	AMBI	MAC	0.0003MG/M3 AV/D (CALCULATED AS MERCURY) <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: 0.2MG/M3; TWA: 0.05MG/M3 (AEROSOL) (AS HG) (APPLIES TO ALL INORGANIC MERCURY COMPOUNDS); 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

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>ALKYL MERCURY COMPOUNDS: 8H-TWA: 0.01 MG/M3; 15 MIN - STEL: 0.03 MG/M3. ALL MERCURY COMPOUNDS EXCEPT ALKYL: 8H-TWA: 0.05 MG/M3 OF VAPOR. INORGANIC AND ARYL COMPOUNDS (EXCEPT ALKYL): 8H-TWA: 0.1 MG/M3. (ALL LIMITS ARE CALCULATED AS HG). 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>
ARG	REG	AQ	EMI	PL	<p>INDUSTRIAL EFFLUENTS - PERMISSIBLE LIMIT : 0.005 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>
ARG	REG	FOOD	-	MXL	<p>0.5 MG/KG OF EDIBLE PORTION.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 18MCH1977</p> <p><u>Last Amendment :</u> ADEC**,748,, <u>Entry / Update :</u> 1982</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.001 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 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	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: (TOTAL) 0.001 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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS MATERIAL PRESERVATIVE; WOOD PRESERVATIVE. (FORMULATION: SOLUTION). APPLIES TO MERCURY AS ELEMENTAL, PRESENT AS PHENYLMERCURIC SALT OF DODECENYL SUCCINIC AND TALL OIL FATTY ACIDS. CODE HGE. 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>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2809. CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 46, 48, 95. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 2.5 L. 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 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	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2809. CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 48, 110. 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 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	AQ	EMI WASTE	MXL	THE OWNER OF A PLANT MAY DEPOSIT MERCURY CONTAINED IN EFFLUENT IF THE ACTUAL DEPOSIT OF MERCURY IN ANY DAY DOES NOT EXCEED 0.00250 KILOGRAM PER TONNE OF CHLORINE TIMES THE REFERENCE PRODUCTION RATE OF THAT PLANT. THE REFERENCE PRODUCTION RATE IS: (A) THE RATED CAPACITY OF THE PLANT WHERE (I) THE ARITHMETIC MEAN OF THE DAILY PRODUCTION RATE OF CHLORINE DURING THE PREVIOUS 3 MONTHS DEVIATED FROM THE RATED CAPACITY BY LESS THAN15%, (II) THE PLANT WAS SHUT DOWN FOR PREVIOUS 3 MONTHS, OR (III) THE PLANT IS IN THE FIRST 12 MONTHS OF OPERATION, AND (B) IF NONE OF THE ABOVE CONDITIONS APPLY, THE ARITHMETIC MEAN OF THE ACTUAL DAILY PRODUCTION RATE OF CHLORINE DURING THE PREVIOUS THREE MONTHS EXCLUDING DAYS ON WHICH THERE WAS NO PRODUCTION. THESE LIMITS ARE PRESCRIBED BY THE CHLOR-ALKALI MERCURY LIQUIDEFFLUENT REGULATIONS WHICH FALL UNDER THE FISHERIES ACT, ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND OCEANS. <u>Title :</u> <u>Reference :</u> CRCAEL,7,811,5065,1978 <u>Effective Date :</u> 01AUG1977 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	AIR	OCC	TLV	ALKYL COMPOUNDS, AS HG - TWA: 0.01 MG/M3; STEL: 0.03 MG/M3; SKIN ABSORPTION. ALL FORMS EXCEPT ALKYL, AS HG, VAPOUR - TWA: 0.05 MG/M3. ARYL AND INORGANIC COMPOUNDS - 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". <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	AQ WASTE	MARIN	PRO RSTR CLASS	PROHIBITED SUBSTANCE - NO DUMPING IN OCEAN PERMITTED EXCEPT IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF A PERMIT (IN SPECIAL CIRCUMSTANCES). THE QUANTITY OF MERCURY AND MERCURY COMPOUNDS THAT MAY BE CONTAINED IN ANOTHER SUBSTANCE IS 0.75 MG PER KG IN THE SOLID PHASE OF WASTE, AND 1.5 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 DEPARTMENT OF ENVIRONMENTAL 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. <u>Title :</u> <u>Reference :</u> CAGAAK,123,23,4490,1989 <u>Effective Date :</u> 19OCT1989 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

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. (APPLIES TO MERCURY 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	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 MERCURY INTRODUCED AS SUCH. 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	AIR	AMBI EMI	MXL RQR	<p>1) RELEASE OF MERCURY SHALL NOT EXCEED: A) 5GM PER DAY PER 1000 KG OF RATED CAPACITY, WHERE THE SOURCE OF THE MERCURY IS THE VENTILATION GASES EXHAUSTED FROM CELL ROOMS; OR B) 0.1 GM PER DAY PER 1000 KG OF RATED CAPACITY, WHERE THE SOURCE OF THE MERCURY IS THE HYDROGEN GAS STREAM ORIGINATING FROM DENUDERS, THE VENTILATION GASES EXHAUSTED FROM END BOXES AND TANKS, OR THE GASES EXHAUSTED FROM RETORTS. 2) NO MERCURY SHALL BE RELEASED DIRECTLY INTO THE AMBIENT-AIR FROM A TANK. 3) THE TOTAL AMOUNT OF MERCURY RELEASED FROM A PLANT SHALL NOT EXCEED 1.68 KG PER DAY. THESE LIMITS ARE PRESCRIBED BY THE CHLOR-ALKALI MERCURY RELEASE REGULATIONS WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE). THE REGULATIONS LIMIT THE QUANTITY OF MERCURY EMITTED INTO THE AMBIENT AIR BY MERCURY CELL CHLOR-ALKALI PLANTS. IT ALSO CONTAINS REQUIREMENTS REGARDING PLANT MALFUNCTIONS, EMISSIONS MEASUREMENTS AND REPORTING PROCEDURES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,5,790,1990 <u>Effective Date :</u> 15FEB1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CSK	REG	AQ	SURF DRINK	MAC	<p>0.0001 MG/L (APPLIES TO MERCURY 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	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON (APPLIES TO MERCURY INORGANIC COMPOUNDS EXCEPT MERCURY DISULFIDE, WHICH IS NOT POISON. ALSO APPLIES TO ARYL MERCURY 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: 0.001-0.7 MG/KG (SPECIFIED FOOD PRODUCTS); 0.002-0.005 MG/KG (SPECIFIED BEVERAGES). (APPLIES TO MERCURY 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	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS (APPLIES TO MERCURY 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>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON. (APPLIES TO ALKYL MERCURY 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	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.0001 MG/L II CLASS: BELOW 0.0002 MG/L III CLASS: BELOW 0.0005 MG/L IV CLASS: BELOW 0.001 MG/L V CLASS: ABOVE 0.001 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	DRINK	MAC	<p>0.001 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	AQ	SURF	MAC	<p>0.005 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	AIR	OCC	MAC	<p>TWA: 0.05 MG/M3; CLV: 0.15 MG/M3 (CALCULATED AS HG) (APPLIES TO MERCURY AND ITS COMPOUNDS EXCEPT MONOALKYL MERCURY AND DIALKYL MERCURY 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	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	EMI	MXL	<p>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)</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 IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO MERCURY AND ITS COMPOUNDS EXPRESSED AS MERCURY)</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	SLUDG USE	AGRIC	MAC	<p>MAC IN INDUSTRIAL COMPOSTS: 10 MG/KG (APPLIES TO COMPOST COMPONENTS); 1.0 MG/KG (APPLIES TO 1.CLASS COMPOST); 1.5 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>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FEED	-	MXL	<p>MXL: 0.1 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.02-0.5 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>
DEU	REC	AIR	OCC	MAK	<p>A) 8H-TWA: 0.01 ML/M3 (PPM); 0.1 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 0.1 ML/M3 (PPM); 1.0 MG/M3; AVERAGE VALUE; 1X/SHIFT. APPLIES TO MERCURY. B) 8H-TWA: 0.01 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCES WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 0.1 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. DANGER OF SENSITIZATION. APPLIES TO ORGANIC MERCURY COMPOUNDS AS HG. SEE ALSO METHYL MERCURY.</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	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	AQ	GRND	CLASS	<p>MERCURY AND MERCURY 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	BAT	<p>BLOOD: 50 UG/L AS MERCURY. URINE: 200 UG/L AS MERCURY. SAMPLING TIME: NOT FIXED. APPLIES TO METALLIC MERCURY AND ITS INORGANIC COMPOUNDS.</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>
DEU	REG	SALE USE	-	RSTR RSTR	<p>MERCURY COMPOUNDS OR PREPARATIONS CONTAINING MERCURY COMPOUNDS MAY NOT BE MARKETED OR USED FOR THE FOLLOWING PURPOSES: 1) AS ANTIFOULING DYES; 2) FOR THE PROTECTION OF WOOD; 3) FOR THE IMPREGNATION OF HEAVY INDUSTRIAL TEXTILES AND FOR THE PRODUCTION OF YARNS FOR HEAVY INDUSTRIAL TEXTILES; 4) FOR WATER PROCESSING IN THE INDUSTRIAL, BUSINESS AND MUNICIPAL SECTOR INDEPENDANT OF ITS USE.</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 : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

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,,1,1931,1991 <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,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	FOOD	-	MPC	<p>FISH, CRUSTACEAN, MOLLUSCA, AND THEIR PRODUCTS: 0.5 - 1.0 MG/KG WET WEIGHT OF CONSUMABLE PARTS. APPLIES TO THE SUM OF MERCURY AND MERCURY COMPOUNDS, CALCULATED AS MERCURY.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF HARMFUL SUBSTANCES (SCHADSTOFF-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,422,1988 <u>Effective Date</u> : 01APR1988</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 MERCURY COMPOUNDS MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING MERCURY COMPOUNDS 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>0.001 MG/L (CALCULATED AS HG) CORRESPONDING TO ABOUT 0.005 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.0005 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	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 MERCURY AND MERCURY COMPOUNDS OF 1 UG/L AND AN ANNUAL AMOUNT OF 100 G. THE CHARGE PER HARMFUL UNIT WHICH CORRESPONDS TO 20 G OF MERCURY AND MERCURY 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,,1,2432,1990 <u>Effective Date</u> : 01JAN1991</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 MERCURY OR ITS SOLUBLE SALTS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH MERCURY OR ITS SOLUBLE 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 MERCURY OR ITS SOLUBLE 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>

Common Name : Mercury

RTECS Number : OV455000

CAS Number : 7439-97-6

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,,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>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>
EEC	REG	GOODS USE	-	PRO PRO	<p>MERCURY 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 THE IMPREGNATION OF HEAVY-DUTY INDUSTRIAL TEXTILES AND YARN INTENDED FOR THEIR MANUFACTURE; IN THE TREATMENT OF INDUSTRIAL WATERS, IRRESPECTIVE OF THEIR USE.</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	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	FEED	-	MPC	<p>MAXIMUM PERMITTED LEVELS OF IONIC AND ELEMENTAL MERCURY IN STRAIGHT FEEDINGSTUFFS: 0.1 MG/ KG, IN COMPLETE FEEDINGSTUFFS: 0.1 MG/KG, IN COMPLEMENTARY FEEDINGSTUFFS: 0.2 MG/KG, AND INCERTAIN SPECIFIED FEEDINGSTUFFS: 0.4-0.5 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> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L60,,16,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	SALE SALE	CONSM CONSM	PRO RSTR	<p>MEMBER STATES SHALL PROHIBIT THE MARKETING OF ALKALINE MANGANESE BATTERIES FOR PROLONGED USE IN EXTREME CONDITIONS (EG TEMPERATURES BELOW 0C OR ABOVE 50C, EXPOSED TO SHOCKS) CONTAINING MORE THAN 0.05% OF MERCURY BY WEIGHT AND ALL OTHER ALKALINE MANGANESE BATTERIES CONTAINING MORE THAN 0.025% OF MERCURY BY WEIGHT. ALKALINE MANGANESE BUTTON CELLS AND BATTERIES COMPOSED OF BUTTON CELLS SHALL BE EXEMPTED FROM THIS PROHIBITION. (THIS TEXT IS INCLUDED IN DIRECTIVE 91/157/EEC, OJEC L78, 38, 1991 ON BATTERIES AND ACCUMULATORS TO BE INSERTED IN ANNEX I TO DIRECTIVE 76/769/EEC).</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> : 01JAN1993</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : MAY1992</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>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR MERCURY IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.001 MG HG/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS. GUIDELINE VALUES: 0.0005 MG HG/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 MONIT	SURF METHD	RQR RQR	<p>THE MERCURY 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 MERCURY CONCENTRATION IS FLAMELESS 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 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	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: COLD VAPOUR PHASE ATOMIC ABSORPTION SPECTROMETRY (AAS). THE 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>
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 25 MG MERCURY/CELL AND ALKALINE MANGANESE BATTERIES CONTAINING MORE THAN 0.025 % MERCURY 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 COLLECTION, 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>
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 MERCURY AND MERCURY 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 : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO MERCURY AND/OR MERCURY 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	EXPRT	PESTI	RQR	<p>INORGANIC, ALKYL, ARYL AND ALKOXYALKYL MERCURY COMPOUNDS ARE BANNED/SEVERELY RESTRICTED ON ACCOUNT OF THEIR EFFECTS ON HUMAN HEALTH AND THE ENVIRONMENT. THEY ARE SUBJECT TO NOTIFICATION: WHEN THEY ARE 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. THESE CHEMICALS ARE 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 BY INHALATION (R 23); DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T - TOXIC; TOXIC BY INHALATION (R 23); DANGER OF CUMULATIVE EFFECTS (R 33); KEEP CONTAINER TIGHTLY CLOSED (S 7); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO ELEMENTAL MERCURY.</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 PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING (R 36); 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 1%: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.5% TO 1%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.05% TO 0.5%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); DANGER OF CUMULATIVE EFFECTS (R 33). CONCENTRATION EXPRESSED AS MERCURY PERCENTAGE. APPLIES TO ORGANIC MERCURY COMPOUNDS WITH THE EXCEPTION OF THOSE SPECIFIED ELSEWHERE UNDER THIS REFERENCE. 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 : Mercury
 RTECS Number : OV4550000

CAS Number : 7439-97-6

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	CLASS LABEL PACK	CLASS RQR	CLASS RQR	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); WEAR SUITABLE PROTECTIVE CLOTHING (R 36); 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 0.5%: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.1% TO 0.5%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.05% TO 0.1%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); DANGER OF CUMULATIVE EFFECTS (R 33). CONCENTRATION EXPRESSED AS MERCURY PERCENTAGE. APPLIES TO MERCURY ALKYL. 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
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	AIR WASTE MONIT	EMI REMOV	MXL RQR	EMI RQR	
					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).	
					<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
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33); KEEP LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 2%: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.5% TO 2%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.1% TO 0.5%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); DANGER OF CUMULATIVE EFFECTS (R 33). CONCENTRATION EXPRESSED AS MERCURY PERCENTAGE. APPLIES TO MERCURY INORGANIC COMPOUNDS EXCEPT MERCUROUS CHLORIDE AND MERCURIC SULPHIDE AND THOSE SPECIFIED ELSEWHERE UNDER THIS REFERENCE. 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

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	AQ	EMI AQ	PRO MARIN 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>
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><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	EMI	MXL	<p>LIMIT VALUES FOR MERCURY IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY AVERAGE CONC. OR MAXIMUM MONTHLY LOAD) WHICH ARE TO BE COMPLIED WITH BY A) 1.7.1986 AND B) 1.7.1989 ARE FOR: 1. CHEMICAL INDUSTRIES USING MERCURY CATALYSTS: A) 0.1 MG/L EFFLUENT OR 0.2G/T VINYL CHLORIDE PRODUCTION CAPACITY AND 10G/KG MERCURY PROCESSED; B) 0.05 MG/L EFFLUENT OR 0.1G/T VINYL CHLORIDE PRODUCTION CAPACITY AND 5G/KG MERCURY PROCESSED. 2. MANUFACTURE OF MERCURY CATALYSTS USED IN VINYL CHLORIDE PRODUCTION: A) 0.1 MG/L EFFLUENT OR 1.4G/KG MERCURY PROCESSED; B) 0.05 MG/L EFFLUENT OR 0.7G/KG MERCURY PROCESSED. 3. MANUFACTURE OF ORGANIC AND INORGANIC MERCURY COMPOUNDS: A) 0.1 MG/L EFFLUENT OR 0.1G/KG MERCURY PROCESSED; B) 0.05 MG/L EFFLUENT OR 0.05G/KG MERCURY PROCESSED. 4. MANUFACTURE OF PRIMARY BATTERIES CONTAINING MERCURY: A) 0.1 MG/L EFFLUENT OR 0.05G/KG MERCURY PROCESSED; B) 0.05 MG/L EFFLUENT OR 0.03G/KG MERCURY PROCESSED. 5. NON-FERROUS METAL INDUSTRY: A) 0.1 MG/L EFFLUENT; B) 0.05 MG/L EFFLUENT. 6. PLANTS TREATING MERCURY-CONTAINING WASTE: A) 0.1 MG/L EFFLUENT; B) 0.05 MG/L EFFLUENT. (REFERENCE METHOD FOR MONITORING: FLAMELESS AAS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 8 MARCH 1984 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR MERCURY DISCHARGES BY SECTORS OTHER THAN THE CHLOR-ALKALI ELECTROLYSIS INDUSTRY. (84/156/EEC).</p> <p><u>Reference</u> : OJEC**,L74,,49,1984 <u>Effective Date</u> : 17MAY1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	WASTE AQ MONIT	- FRESH METHD	RQR RQR RQR	WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO FRESH SURFACE WATER MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF HG 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) <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). <u>Reference :</u> OJEC**,L378,,1,1982 <u>Effective Date :</u> 01JAN1985 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1986
EEC	REG	WASTE AQ MONIT	- MARIN METHD	RQR RQR RQR	WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES CAN OPTIONALLY REQUIRE THE MONITORING OF HG 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) <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). <u>Reference :</u> OJEC**,L378,,1,1982 <u>Effective Date :</u> 01JAN1985 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1986
EEC	REG	AQ MONIT AQ	EMI EMI AMBI	MXL RQR RQR	MONTHLY AVERAGE LIMIT VALUES FOR MERCURY DISCHARGES FROM INDUSTRIAL PLANTS IN WHICH ALKALI CHLORIDES ARE ELECTROLYZED BY MEANS OF MERCURY CELLS NOT TO BE EXCEEDED FROM 1 JULY (A) 1983 AND (B) 1986 1. FOR RECYCLED BRINE AND LOST BRINE (A) 75 UG/L AND (B) 50 UG/L FOR THE TOTAL QUANTITY OF MERCURY PRESENT IN ALL MERCURY-CONTAINING WATER DISCHARGED FROM THE SITE OF THE INDUSTRIAL PLANT. 2. LIMIT VALUES IN GRAMS OF MERCURY PER TONNE OF INSTALLED CHLORINE PRODUCTION CAPACITY: 2.1. RECYCLED BRINE: (A) AND (B) 0,5 G OF MERCURY PRESENT IN EFFLUENT DISCHARGED FROM THE CHLORINE PRODUCTION UNIT; (A) 1,5 G AND (B) 1,0 G MERCURY APPLICABLE TO THE TOTAL QUANTITY OF MERCURY PRESENT IN ALL MERCURY-CONTAINING WATER DISCHARGED FROM THE SITE OF THE INDUSTRIAL PLANT; 2.2. LOST BRINE: (A) 8,0 AND (B) 5,0 G MERCURY APPLICABLE TO THE TOTAL QUANTITY OF MERCURY PRESENT IN ALL MERCURY-CONTAINING WATER DISCHARGED FROM THE SITE OF THE INDUSTRIAL PLANT. THE MONITORING PROCEDURE FOR COMPLIANCE OF THE DISCHARGES WITH EMISSION STANDARDS IS SPECIFIED. QUALITY OBJECTIVES FOR THE AQUATIC ENVIRONMENT AFFECTED BY THE DISCHARGES ARE SET. THE REFERENCE METHOD FOR DETERMINING MERCURY IS ATOMIC ABSORPTION SPECTROPHOTOMETRY. <u>Title :</u> COUNCIL DIRECTIVE OF 22 MARCH 1982 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR MERCURY DISCHARGES BY THE CHLOR-ALKALI ELECTROLYSIS INDUSTRY (82/176/EEC). <u>Reference :</u> OJEC**,L81,,29,1982 <u>Effective Date :</u> 01JUL1983 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF THIS SUBSTANCE AND ITS 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. <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	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

Common Name : Mercury

RTECS Number : OV455000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	PRO PRO PRO	<p>MEMBER STATES SHALL ENSURE THAT PLANT PROTECTION PRODUCTS CONTAINING MERCURY COMPOUNDS 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> : 31MCH1992</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : NOV1987</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR MERCURY IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS FLAMELESS 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	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	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 D). 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 MERCURY 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>
EEC	REG	AQ AQ MONIT	DRINK DRINK METHD	MAC GL RQR	<p>MAC : 1 UG HG/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>
EEC	REG	SOIL - USE SLUDG	AGRIC - - AGRIC	MXL - RQR RSTR	<p>LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SOIL: 1.0-1.5MG/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: 16-25MG/KG OF DRY MATTER. LIMIT VALUE FOR AMOUNT OF THE SUBSTANCE WHICH MAY BE ADDED ANNUALLY TO AGRICULTURAL LAND: 0.1KG/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>
GBR	REC	USE	AGRIC PESTI	RSTR	<p>ARYLMERCURY (SUCH AS PHENYLMERCURIC AND TOLYLMERCURIC COMPOUNDS) SHOULD NOT BE USED AS FUNGICIDES IN AGRICULTURE AND HORTICULTURE.</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> : 01OCT1984</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REC	USE	AGRIC PESTI	RSTR	<p>PERMITTED ONLY AS A DRY SEED TREATMENT ON CEREAL AND BEET SEED (ARYLMERCURY SUCH AS PHENYLMERCURIC COMPOUNDS).</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> : 1JAN1981</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A FUNGICIDE (APPLIES TO ORGANOMERCURY COMPOUNDS). 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	FEED SALE USE		MRL RSTR RSTR	<p>THE SALE AND USE OF SPECIFIED FEEDING STUFFS CONTAINING AMOUNTS IN EXCESS OF 0.1-0.5 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> : GBRSI*,2840,,,1991 <u>Effective Date</u> : 22JAN1992</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 0.001 MG/L HG, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.001 MG/L HG, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.001 MG/L HG, 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	AQ	MARIN	CLASS	<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 0.3UG/L, (DISSOLVED MERCURY) 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 82/176/EEC AND 84/156/EEC. (APPLIES TO MERCURY AND ITS COMPOUNDS).</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 1UG/L (TOTAL MERCURY 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 82/176/EEC AND 84/156/EEC. (APPLIES TO MERCURY AND ITS COMPOUNDS)</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 MERCURY 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 MERCURY 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> : GBRSI*,1156,,2,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1629,,,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.02 MG/KG (FROM USE OF MERCURY COMPOUNDS, DETERMINED AS TOTAL MERCURY AND EXPRESSED AS MERCURY). 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	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 MERCURY 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	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 MERCURY 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	SALE		RSTR	<p>THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS AGRICULTURAL, HORTICULTURAL AND FORESTAL FUNGICIDES, TREATMENTS ON SEEDS OR BULBS, SOLUTIONS CONTAINING NOT MORE THAN FIVE PER CENT., WEIGHT IN VOLUME, OF PHENYL MERCURIC ACETATE FOR USE IN SWIMMING BATHS. (APPLIES TO ORGANIC MERCURY COMPOUNDS) (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. (APPLIES TO ORGANIC MERCURY COMPOUNDS (EXCEPT COMPOUNDS WHICH CONTAIN A METHYL (CH) GROUP DIRECTLY LINKED TO THE MERCURY ATOM), MERCURIC CHLORIDE AND MERCURIC IODIDE)</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 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. (APPLIES TO MERCURIC CHLORIDE EXCEPT SUBSTANCES CONTAINING LESS THAN ONE PER CENT OF MERCURIC CHLORIDE; MERCURIC IODIDE EXCEPT SUBSTANCES CONTAINING LESS THAN TWO PER CENT OF MERCURIC IODIDE; NITRATES OF MERCURY EXCEPT SUBSTANCES CONTAINING LESS THAN THE EQUIVALENT OF THREE PER CENT, WEIGHT IN WEIGHT, OF MERCURY (HG); POTASSIO-MERCURIC IODIDES EXCEPT SUBSTANCES CONTAINING LESS THAN THE EQUIVALENT OF ONE PER CENT OF MERCURIC IODIDE; ORGANIC COMPOUNDS OF MERCURY EXCEPT SUBSTANCES, NOT BEING AEROSOLS, CONTAINING LESS THAN THE EQUIVALENT OF 0.2 PER CENT, WEIGHT IN WEIGHT, OF MERCURY (HG)). (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 : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	<p>FOR ALKYL MERCURY COMPOUNDS (AS HG): 8H-TWA: 0.01 MG/M3. STEL (10 MIN-TWA): 0.03 MG/M3. SKIN ABSORPTION. FOR MERCURY AND ITS COMPOUNDS EXCEPT MERCURY ALKYL (AS HG): 8H-TWA: 0.05 MG/M3. STEL (10 MIN-TWA): 0.15 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> : 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	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 0.1KG PER HECTARE PER YEAR, AS DETERMINED BY ATOMIC ABSORPTION SPECTROMETRY WITH A LIMIT OF DETECTION OF 0.1 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 1 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	AQ MANUF	EMI INDST	PRO RSTR	<p>MERCURY 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	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. (APPLIES TO MERCURIC CHLORIDE; MERCURIC IODIDE; ORGANIC COMPOUNDS OF MERCURY, EXCEPT SOLUTIONS CONTAINING NOT MORE THAN FIVE PER CENT., WEIGHT IN VOLUME, OF PHENYL MERCURIC ACETATE FOR USE IN SWIMMING BATHS(GBR SI* 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> : GBR SI*,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 NITRATES OF MERCURY, OXIDES OF MERCURY, MERCURY CYANIDE OXIDES, MERCURIC THIOCYANATE, AMMONIUM MERCURIC CHLORIDES, POTASSIUM MERCURIC IODIDES, ORGANIC COMPOUNDS OF MERCURY WHICH CONTAIN A METHYL GROUP DIRECTLY LINKED TO THE MERCURY ATOM)</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBR SI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</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 MERCURY IN AN AMOUNT EXCEEDING 1UG/L. THE RESULTS SHOULD BE EXPRESSED IN HG 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>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

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 OF MANUFACTURE INVOLVING THE USE OF MERCURY AND ITS COMPOUNDS WHICH MAY RESULT IN ITS RELEASE INTO THE AIR, 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	AQ MONIT	DRINK	MPC RQR	<p>1 UG HG/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> 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>1UG HG/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	GOODS SAFTY	CONSM CONSM	HLV HLV	<p>FOR THE PROTECTION OF CHILDREN'S HEALTH, BIOAVAILABILITY RESULTING FROM THE USE OF TOYS MUST NOT EXCEED 0.5UG/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>
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 MERCURY,METAL). UN NO.2809.</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 DANGER/MINOR DANGER. (APPLIES TO MERCURY BASED PESTICIDES, LIQUID, TOXIC). UN NO. 3012</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: ACCORDING TO TOXICITY CRITERIA. (APPLIES TO MERCURY (I) AND (II) COMPOUNDS, USED AS PESTICIDES).</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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON/HARMFUL. PACKING GROUP: I/II = GREAT DANGER/MEDIUM DANGER. (APPLIES TO MERCURY BASED PESTICIDES, LIQUID, TOXIC, FLASHPOINT LESS THAN 23 C). UN NO. 2778</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 : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

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 MERCURY BASED PESTICIDES, SOLID, TOXIC.) UN NO. 2777
<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 MERCURY COMPOUNDS, LIQUID AND SOLID). UN NOS 2024; 2025.
<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: FLAMMABLE LIQUID. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO MERCURY BASED PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASHPOINT BETWEEN 23 C AND 61 C.) UN NO. 3011
<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 HG) 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 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 ALKYL MERCURY 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	REC	AIR	OCC	MAC	TWA: 0.05 MG/M3 (INCL. ALL MERCURY COMPOUNDS EXCEPT ALKYL MERCURY CALCULATED AS HG)
<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 : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 0.005 MG/L OF TOTAL MERCURY EXCEPT ALKYL MERCURY. NOT DETECTABLE AS ALKYL MERCURY 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	GOODS	CONSM	MXL	<p>ORGANIC MERCURY COMPOUNDS SHOULD NOT BE DETECTED (SHOULD NOT EXCEED 1 PPM AS THE BACKGROUND LEVEL WHEN MEASURED BY ATOMIC ABSORPTION SPECTROSCOPY) IN TEXTILE PRODUCTS (DIAPERS, DIAPER COVERS, BIBS, UNDERWEAR, SANITARY PANTIES, GLOVES, AND HOSIERY), IN ADHESIVES, PAINTS AND WAXES FOR HOUSEHOLD USE, SHOE POLISHES.</p> <p><u>Title</u> : LAW FOR THE CONTROL OF HOUSEHOLD PRODUCTS CONTAINING HARMFUL SUBSTANCES</p> <p><u>Reference</u> : CHPHS*,,,1974 <u>Effective Date</u> : 01OCT1975</p> <p><u>Last Amendment</u> : CHPHS*,,,1975 <u>Entry / Update</u> : NOV1991</p>
JPN	REG	AQ	AMBI	MXL	<p>STANDARD VALUE (MAXIMUM VALUE): 0.0005 MG/L OR LESS OF TOTAL MERCURY, EXPRESSED AS A YEARLY AVERAGE VALUE. ALKYL MERCURY SHOULD NOT BE 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	DRINK	MXL	<p>MERCURY SHOULD NOT BE DETECTABLE IN DRINKING WATER SUPPLIED BY WATER WORKS. THE DETECTION LIMIT IS 0.0005 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>
KEN	REG	FOOD	-	MXL	<p>MARINE AND FRESHWATER ANIMAL PRODUCTS: 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,,409,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
MEX	REG	AQ	AMBI	MPC	<p>1) 0.005 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) 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>0.0005 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	AQ	AMBI	MPC	<p>0.00 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>
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.</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 : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE ALKYL MERCURY COMPOUNDS ARE PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.01 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.03 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. (APPLIES TO ALKYL MERCURY COMPOUNDS).</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: 0.3-0.7 MG/KG; MEAT PRODUCTS: 0.03-0.2 MG/KG; MILK PRODUCTS: 0.005-0.03 MG/KG; CEREALS:0.01-0.1 MG/KG; VEGETABLES, FRUITS: 0.02-0.1 MG/KG; BEVERAGES: 0.005 MG/KG; CHILDREN FOOD: 0.005-0.15 MG/KG (APPLIES TO MERCURY AND ITS COMPOUNDS, CALCULATED AS MERCURY).</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	AIR	AMBI	MAC	<p>0.0003 MG/M3 AV/D(APPLIES TO METALLIC MERCURY)</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	<p>SURFACE WATER FOR FISHING: 1UG/L (APPLIES TO METALLIC MERCURY IN SEAWATER).</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 : 0.01 MG/M3 (VAPOUR); TWA : 0.005 MG/M3 (VAPOUR) (APPLIES TO METAL MERCURY); CLV: 0.2 MG/M3 (AEROSOL); TWA: 0.05 MG/M3 (AEROSOL) (APPLIES TO MERCURY INORGANIC COMPOUNDS) (AS HG) ; 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	SURF	MAC CLASS	<p>0.0005 MG/L (APPLIES TO MERCURY AND ITS INORGANIC COMPOUNDS, CALCULATED AS MERCURY) 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	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>
RUS	REG	FOOD	-	PRO	<p>PESTICIDES CONTAINING MERCURY ARE PROHIBITED IN ALL BABY FOOD PRODUCTS.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> MCH1984</p> <p><u>Last Amendment :</u> MDUPP*,2974-84,,,1984 <u>Entry / Update :</u> OCT1985</p>
RUS	REG	SOIL	-	MAC	<p>2.1 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>
RUS	REG	FEED	-	MRL	<p>0.05 MG/KG (NATURAL CONTENT OF HG; APPLIES TO ALL MERCURY COMPOUNDS, CALCULATED AS MERCURY)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> APR1981</p> <p><u>Last Amendment :</u> SCHSB*,SUPL-4,,,1982 <u>Entry / Update :</u> OCT1985</p>

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary information :
SWE	REG	AIR	OCC	HLV	MERCURY VAPOUR: 1D-TWA: 0.05 MG/M3. MERCURY COMPOUNDS (EXCEPT ALKYL COMPOUNDS): 1D-TWA: 0.05 MG/M3 (CALCULATED AS HG), SKIN ABSORPTION. ALKYL MERCURY COMPOUNDS: 1D-TWA: 0.01 MG/M3 (CALCULATED AS HG), 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
SWE	REG	FOOD	-	MTC	FISH PRODUCTS: 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 <u>Effective Date</u> : 01MCH1983 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
SWE	REG	USE	PESTI	PRO	SUSPENDED BECAUSE OF THEIR HIGH TOXICITY AND ENVIRONMENTAL IMPACT. (APPLIES TO ALKYL MERCURY COMPOUNDS) <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> : NPPBD* ,,,,1986 <u>Effective Date</u> : 28FEB1966 <u>Last Amendment</u> : SVENF*,1985:426,,,1985 <u>Entry / Update</u> : JAN1992
SWE	REG	FOOD	-	MTC	FISH-BASED FOODS FOR INFANTS AND YOUNG CHILDREN 0,05 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> : 01JAN1992 <u>Last Amendment</u> : SLVFS*,1991:13,,,1991 <u>Entry / Update</u> : 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE (APPLIES TO SOLID AND LIQUID MERCURY COMPOUNDS). UN NO.2024 & 2025. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO MERCURY BASED PESTICIDES, SOLID, TOXIC). UN NO.2777. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : JUN1986
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE). (APPLIES TO MERCURY BASED PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASH POINT <23C). UN NO.2778. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : JUN1986
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2809. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : JUN1986

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: ACCORDING TO TOXICITY CRITERIA. (APPLIES TO MERCURY (I) AND (II) 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: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO MERCURY BASED PESTICIDES, SOLID, TOXIC). UN NO. 2777 <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 MERCURY BASED PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASH POINT NOT LESS THAN 23C). UN NO. 3011 <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. (APPLIES TO MERCURY BASED PESTICIDES, LIQUID, TOXIC). UN NO. 3012 <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 MERCURY AND MERCURY 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) 0.05 MG/M3, SKIN /ALL FORMS EXCEPT ALKYL 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. <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	28 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,140,1990 <u>Last Amendment :</u> XPHPAW,90,117,140,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991

Common Name : Mercury

RTECS Number : OV4550000

CAS Number : 7439-97-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>0.2 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>0.002 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.</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>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 0.002 MG/L THIS SUBSTANCE MUST NOT EXCEED 0.002 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 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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR IN ACCORDANCE TO 49 CFR 173.860. MAY BE TRANSPORTED IN CARGO AIRCRAFT IN ACCORDANCE TO 49 CFR 173.860. 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. (APPLIES TO MERCURY, METALLIC)</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	CONSM	MPC	<p>0.002 MG/L BOTTLED 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>

Common Name : Mercury**RTECS Number :** OV4550000**CAS Number :** 7439-97-6

Area Type Subject Spec. Description Level / Summary Information :

WHO	REC	AQ	DRINK	GL	0.001 MG/L TOTAL MERCURY. THIS CHEMICAL IS 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 : Mercury (II) Acetate

RTECS Number : AI8575000

CAS Number : 1600-27-7

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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1629. 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 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> NOV1991</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>
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 MERCURY ACETATES). UN NO. 1629</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	OCC	MAC CLASS	<p>CLV: 0.2 MG/M3; TWA: 0.05 MG/M3 (AEROSOL) (AS HG) (APPLIES TO ALL INORGANIC MERCURY 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	AIR	AMBI	MAC	<p>0.0003 MG/M3 AV/D (CALCULATED AS MERCURY)</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	AMBI	PSL	<p>0.0008 MG/M3 1X/D (APPLIES TO MIXTURE OF MERCURY COMPOUNDS WHICH ARE SOLUBLE IN WATER, CALCULATED AS MERCURY); 0.001 MG/M3 1X/D (APPLIES TO MIXTURE OF WATER SOLUBLE AND PARTLY WATER SOLUBLE MERCURY COMPOUNDS, CALCULATED AS MERCURY)</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>

Common Name : Mercury (II) Acetate

RTECS Number : AI8575000

CAS Number : 1600-27-7

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). UN NO. 1629 <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	28 MG/M3. /MERCURY AND CMPDS (AS HG)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,140,1990 <u>Last Amendment :</u> XPHPAW,90,117,140,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 MG/M3, SKIN /MERCURY ARYL & INORGANIC COMPOUNDS, AS HG/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=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, 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
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 M UST 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>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991

Common Name : Mercury (II) Nitrate

RTECS Number : OW8225000

CAS Number : 10045-94-0

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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1625. CLASS (5.1): OXIDIZER; 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 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>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>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.</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>
GBR	REG	SALE STORE		RSTR RQR	<p>POISON TO WHICH SPECIAL RESTRICTIONS APPLY. PROVISIONS ARE MADE REGARDING PERSONS TO WHOMTHE POISON MAY BE SOLD AND FOR THE KEEPING OFRECORDS OF SALES. SPECIFIC REQUIREMENTS FOR STORAGE IN RETAIL SHOPS ARE LAID DOWN. (APPLIES TO NITRATE OF MERCURY EXCEPT SUBSTANCES CONTAINING LESS THAN THE EQUIVALENT OF 3 PER CENT, WEIGHT IN WEIGHT, OF MERCURY (HG)) (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 APERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS.</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>
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. 1625.</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 : Mercury (II) Nitrate

RTECS Number : OW8225000

CAS Number : 10045-94-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.2 MG/M3; TWA: 0.05 MG/M3 (AEROSOL) (AS HG) (APPLIES TO INORGANIC MERCURY COMPOUNDS); 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	0.0003 MG/M3 AV/D (CALCULATED AS MERCURY) <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	AMBI	PSL	0.0008 MG/M3 1X/D (APPLIES TO MIXTURE OF MERCURY COMPOUNDS WHICH ARE WATER SOLUBLE, CALCULATED AS MERCURY); 0.001 MG/M3 1X/D (APPLIES TO MIXTURE OF WATER SOLUBLE AND PARTLY WATER SOLUBLE MERCURY COMPOUNDS, CALCULATED AS MERCURY) <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 = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1625. <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) 0.1 MG/M3, SKIN /MERCURY ARYL & INORGANIC COMPOUNDS, AS HG/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	28 MG/M3. /MERCURY AND CMPDS (AS HG)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,140,1990 <u>Last Amendment :</u> XPHPAW,90,117,140,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	TRNSP 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 STOWED IN A RECOVERABLE LOCATION IF STOWED UNDER 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>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991
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> FERAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991

Common Name : Mercury (II) Nitrate**RTECS Number :** OW8225000**CAS Number :** 10045-94-0**Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS	INDST	RQR	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
		AIR	EMI	RQR	
		AQ	EMI	RQR	
					<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 : Mercury (II) Thiocyanate

RTECS Number : XL1550000

CAS Number : 592-85-8

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 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.): UN1646. 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 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	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>
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). CONTACT WITH ACIDS LIBERATES VERY TOXIC GAS (R 32). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); CONTACT WITH ACIDS LIBERATES VERY TOXIC GAS (R 32); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS (S 13). APPLIES TO THIOCYANIC ACID 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	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.</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 : Mercury (II) Thiocyanate

RTECS Number : XL1550000

CAS Number : 592-85-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1646 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.2 MG/M3 ; TWA : 0.05 MG/M3 (AEROSOL) (AS HG) (APPLIES TO ALL INORGANIC MERCURY COMPOUNDS); 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
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. 1646 <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) 0.1 MG/M3, SKIN /MERCURY ARYL & INORGANIC COMPOUNDS, AS HG/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	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
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> 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	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. 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 : **Metaldehyde**RTECS Number : **XF9900000**CAS Number : **108-62-3**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 MG/KG; PROVISIONAL TOXICITY CLASS: II, 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*,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 MOLLUSCICIDE. (FORMULATION: DUST OR POWDER; GRANULAR; PASTE; PELLET; PARTICULATE; SOLUTION; SUSPENSION; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE MHY. 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	PIN (PRODUCT IDENTIFICATION NO.): UN1332. CLASS (4.1): FLAMMABLE SOLID. PACKING GROUPIII, (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 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	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: 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.2 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

Common Name : **Metaldehyde**RTECS Number : **XF9900000**CAS Number : **108-62-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). LABEL: XN - HARMFUL; FLAMMABLE (R 10); HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); KEEP OUT OF REACH OF CHILDREN (S 2); 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 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>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A MOLLUSCICIDE. 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</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 GROUP: 4.1 = FLAMMABLE SOLID. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1332</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 : 0.2 MG/M3 (AEROSOL) 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>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.2-0.7 MG/KG; ADI = 0.006 MG/KG BW.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : MDUPP*,4540-87,,1987 <u>Effective Date</u> : JAN1988</p> <p><u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.003 MG/M3 1X/D, 0.003 MG/M3 AV/D.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,1984 <u>Effective Date</u> : AUG1984</p> <p><u>Entry / Update</u> : SEP1985</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.2-0.7 MG/KG; ADI = 0.006 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>

Common Name : **Metaldehyde**RTECS Number : **XF9900000**CAS Number : **108-62-3**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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD GROUP: 4.1 = FLAMMABLE SOLID. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1332 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, METALDEHYDE, 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>Last Amendment :</u> FEREAC,54,34,7740,1989	<u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : **Methamidophos**RTECS Number : **TB4970000**CAS Number : **10265-92-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-1 MG/KG; SECURITY INTERVAL: 21-60 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
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED USE AS INSECTICIDE. (FORMULATION: SOLUTION). CODEMOM. 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 = 0.5-1 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> 26JUN1980 <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
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 WASSERGEFAEHRDENDE 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,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992

Common Name : Methamidophos

RTECS Number : TB4970000

CAS Number : 10265-92-6

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,,1,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 5.0 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>
DEU	REG	USE	PESTI	RSTR	<p>PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED AS POURING AGENT 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>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN METHAMIDOPHOS 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: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN (R 24); VERY TOXIC IF SWALLOWED (R 28); IRRITATING TO EYES (R 36); DO NOT BREATHE DUST (S 22); 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>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.0006 MG/KG BW; MRL: CARCASE MEAT OF CATTLE, GOATS AND SHEEP, FAT OF CATTLE, GOATS AND SHEEP, MILK: 0.01 MG/KG (EXPRESSED AS METHAMIDOPHOS)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*,XIII,,100-IV,1986 <u>Entry / Update :</u> APR1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->15% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 15-3% A.I. (SOLID) OR 15-1.5% A.I. (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>

Common Name : **Methamidophos**RTECS Number : **TB497000**CAS Number : **10265-92-6**

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>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.02-0.2MG/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.I = POISONOUS SUBSTANCE; PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100 > 15% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 15-3% A.I. (SOLID) OR 15-1.5% 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>LIQUID FORMULATIONS WITH METHAMIDOPHOS OF 40% AND GREATER ARE RESTRICTED FOR USE ON TOBACCO. DUST FORMULATIONS WITH METHAMIDOPHOS OF 2.5% AND GREATER ARE RESTRICTED FOR USE ON TOBACCO. 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> : CFRUS*,40,152,175,1990 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : FEREAC.43,,5790,1978 <u>Entry / Update</u> : JAN1992</p>
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>LIQUID FORMULATIONS WITH METHAMIDOPHOS OF 40% AND GREATER ARE RESTRICTED FOR USE ON TOBACCO. DUST FORMULATIONS WITH METHAMIDOPHOS OF 2.5% AND GREATER ARE RESTRICTED FOR USE ON TOBACCO. 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 : **Methamidophos**RTECS Number : **TB4970000**CAS Number : **10265-92-6**Area Type Subject Spec. Description Level / Summary Information :

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	-	RQR PRMT	<p>REGISTRATION STANDARD, METHAMIDOPHOS, 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 : **Metham-sodium**RTECS Number : **FC2100000**CAS Number : **137-42-8**

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	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>ALL PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DAZOMET, METAM SODIUM AND METHYL ISOTHIOCYANATE, CALCULATED AS METHYL ISOTHIOCYANATE.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOCHSTMENGENVERORDNUNG)</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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; IRRITATING TO SKIN (R 38). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO SKIN (R 38); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).</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 SOIL STERILANT. 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 : **Metham-sodium**RTECS Number : **FC2100000**CAS Number : **137-42-8**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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. (APPLIES TO METAM SODIUM SOLUTION).
					<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	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-85% (SOLID) OR 100-35% (LIQUID).
					<p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Entry / Update :</u> JAN1991</p>
RUS	REG	AIR	AMBI	MAC	0.005 MG/M3 1X/D; 0.001 MG/M3 AV/D (CALCULATED VALUES)
					<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	AQ	SURF	MAC CLASS	0.02 MG/L HAZARD CLASS: III
					<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>
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.1 MG/M3 (AEROSOL) (AS METHYL ISOCYANATE) HAZARD CLASS: I
					<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>
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS NEMATOCIDE. 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 <u>Effective Date :</u> 1JAN1986</p> <p><u>Entry / Update :</u> NOV1987</p>
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE 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 <u>Effective Date :</u> 1JAN1986</p> <p><u>Entry / Update :</u> NOV1987</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-85% (SOLID) OR 100-35% (LIQUID).
					<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>

Common Name : Metham-sodium**RTECS Number :** FC2100000**CAS Number :** 137-42-8**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	CASE NAME METHLDITHIOCARBAMATE, 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 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 : Methanol

RTECS Number : PC1400000

CAS Number : 67-56-1

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 260 MG/M3 (200 PPM) 15 MIN - STEL: 310 MG/M3 (250 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). 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
BRA	REG	AIR	OCC	AL	200 MG/M3 (156 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	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	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	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 CONTAINS METHYL ALCOHOL OR ANY SUBSTANCE CONTAINING MORE THAN 1% WEIGHT TO VOLUME OF METHYL ALCOHOL WHEN THE ALCOHOL OR SUCH PRODUCTS ARE 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. <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
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1230. CLASS (3.2): FLAMMABLE LIQUID; 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: 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. <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: 1988. CODE WAL. 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 : Methanol

RTECS Number : PC1400000

CAS Number : 67-56-1

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	AIR	OCC	TLV	TWA: 200 PPM, 260 MG/M3; STEL: 250 PPM, 310 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
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL ALKYL ALCOHOLS) <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	GOODS	-	PRO	PROHIBITED IN COSMETICS <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	AIR	OCC	MAC	TWA: 100.0 MG/M3; CLV: 500 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	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	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	AIR	OCC	BAT	URINE: 30 MG/L. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT; FOR LONG-TERM EXPOSURES: AFTER SEVERAL SHIFTS. <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,,99,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> FEB1992
DEU	REC	AIR	OCC	MAK	8H-TWA: 200 ML/M3 (PPM); 260 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN. STEL: 400 ML/M3 (PPM); 520 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: 12.8 KPA AT 20C. <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

Common Name : Methanol

RTECS Number : PC1400000

CAS Number : 67-56-1

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 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>ALKYL ALCOHOLS BELONG 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 RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; HIGHLY FLAMMABLE (R 11); TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP CONTAINER TIGHTLY CLOSED (S 7); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); AVOID CONTACT WITH SKIN (S 24). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25). FROM 3% TO 20%: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22).</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>
EEC	REG	AIR	OCC	ILV	<p>260 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 200 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	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 METHANOL UP TO 3% (VOL.) (STABILIZING AGENT MUST BE ADDED). PUMPS WHICH DISPENSE MOTOR FUELS CONTAINING MORE THAN 3% (VOL.) OF METHANOL 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>

Common Name : **Methanol**RTECS Number : **PC1400000**CAS Number : **67-56-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 260 MG/M3 (200 PPM). STEL (10 MIN-TWA): 310 MG/M3 (250 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
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2PE <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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: II = SUBSTANCE PRESENTING MED IUM DANGER. UN NO.1230. <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 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: 260 MG/M3 (200 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
JPN	REG	GOODS	CONSM	MXL	THERE SHOULD BE LESS THAN 5% (WT/WT) (AS MEASURED BY GAS-CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION) IN HOUSEHOLD AEROSOL PRODUCTS. <u>Title</u> : LAW FOR THE CONTROL OF HOUSEHOLD PRODUCTS CONTAINING HARMFUL SUBSTANCES <u>Reference</u> : CHPHS*,,,1974 <u>Effective Date</u> : 01APR1982 <u>Last Amendment</u> : CHPHS*,,,1982 <u>Entry / Update</u> : NOV1991

Common Name : Methanol

RTECS Number : PC1400000

CAS Number : 67-56-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS SOLVENT. THE 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 260 MG/M3 (200 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 310 MG/M3 (250 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF A 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: 0.02 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	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 0.1 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	AIR	AMBI	MAC	<p>1.0 MG/M3 1X/D; 0.5 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>3.0 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 : 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>
SWE	REG	AIR	OCC	HLV	<p>ID-TWA: 250 MG/M3 (200 PPM); 15 MIN - STEL: 350 MG/M3 (250 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: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE). PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1230.</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	SAFTY USE	OCC OCC	MXL MXL	<p>25000 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,156,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,156,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Methanol

RTECS Number : PC1400000

CAS Number : 67-56-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 200 PPM, 262 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 250 PPM, 328 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	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	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 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	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	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME ALIPHATIC ALCOHOLS, C1-C5 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.</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	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 : Methanol**RTECS Number :** PC1400000**CAS Number :** 67-56-1

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).	Title : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES
		SOIL	EMI	RQR		
		AQ	EMI	RQR		
		MANUF	EMI	RQR		

Reference : CFRUS*,40,372,65,1988 **Effective Date :** 1987

Last Amendment : CFRUS*,40,372,65,1988 **Entry / Update :** OCT1991

Common Name : Methazole

RTECS Number : RO0835000

CAS Number : 20354-26-1

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	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,,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 AND 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>
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME METHAZOLETHIS 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 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Methidathion**RTECS Number : **TE2100000**CAS Number : **950-37-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.2-2 MG/KG; SOYA: 0.1 MG/KG (PROVISIONAL); SECURITY INTERVAL: 21-28 DAYS; PROVISIONAL TOXICITY CLASS: I (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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.2-2.0 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> 26JUN1980 <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 MED. 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
CSK	REG	FOOD	-	MRL	LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 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
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 WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991

Common Name : **Methidathion**RTECS Number : **TE2100000**CAS Number : **950-37-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 3.0 MG/KG. OTHER PLANT PRODUCTS: 0.02 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>
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 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); DO NOT BREATHE DUST (S 22); 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	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN METHIDATHION 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>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.005 MG/KG BW; MRL: MANDARINS: 5 MG/KG; HOPS (DRIED): 3 MG/KG; CITRUS FRUIT (EXCEPT MANDARINS): 2 MG/KG; COTTONSEED OIL (CRUDE): 1 MG/KG; APPLES, PEARS: 0.5 MG/KG; APRICOTS, CABBAGE, CAULIFLOWER, CHERRIES, COTTONSEED, GRAPES, LEAFY VEGETABLES, NECTARINES, PEACHES, PLUMS: 0.2 MG/KG; BEANS, MAIZE (GRAIN), PEAS, SORGHUM (GRAIN), TEA (DRY MANUFACTURED), TOMATOES: 0.1 MG/KG; CARCASS MEAT OF CATTLE, PIGS, POULTRY, AND SHEEP (IN CARCASS FAT), EDIBLE OFFAL OF CATTLE, PIGS, POULTRY, AND SHEEP, EGGS (SHELL-FREE BASIS), FAT OF CATTLE, PIGS, POULTRY, AND SHEEP, POTATOES: 0.02 MG/KG; MILK: 0.0008 MG/KG (EXPRESSED AS METHIDATHION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,51-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : **Methodathion**RTECS Number : **TE2100000**CAS Number : **950-37-8**Area Type Subject Spec. Description Level / Summary Information :

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
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	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	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>Effective Date :</u> 1APR1982 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
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	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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->40%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40-10% (SOLID) OR 40-4% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991
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>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,, <u>Entry / Update :</u> AUG1988
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.02-2.0 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

Common Name : **Methidathion**RTECS Number : **TE2100000**CAS Number : **950-37-8**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: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- >40%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40-10% (SOLID) OR 40-4% (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	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>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	ALL FORMULATIONS WITH METHIDATHION ARE RESTRICTED FOR ALL USES EXCEPT ON NURSERY STOCK, SAFFLOWER AND SUNFLOWER. ALL FORMULATIONS WITH METHIDATHION ARE UNCLASSIFIED FOR USE ON NURSERY STOCK, SAFFLOWER AND SUNFLOWER. 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> CFRUS*,40,152,175,1990 <u>Last Amendment :</u> FEREAC,43,,5790,1978 <u>Effective Date :</u> 1978 <u>Entry / Update :</u> JAN1992
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, METHIDATHION, 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>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	ALL FORMULATIONS WITH METHIDATHION ARE RESTRICTED FOR ALL USES EXCEPT ON NURSERY STOCK, SAFFLOWER AND SUNFLOWER. ALL FORMULATIONS WITH METHIDATHION ARE UNCLASSIFIED FOR USE ON NURSERY STOCK, SAFFLOWER AND SUNFLOWER. 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

Common Name : **Methiocarb**

RTECS Number :

CAS Number : **2032-65-7**

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 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,124,26,5523,1990 <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, DOMESTIC, MANUFACTURING USE AS MOLLUSCIDIDE. (FORMULATION: PARTICULATE; PELLET; SOLUTION). CODE MHB. 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	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	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
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF MERCAPTODIMETHUR, MERCAPTODIMETHUR SULFOXIDE AND MERCAPTODIMETHUR SULFONE; CALCULATED AS MERCAPTODIMETHUR. <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 : **Methiocarb**

RTECS Number :

CAS Number : **2032-65-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); 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 METHIOCARB 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>
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.001 MG/KG BW; MRL: BROCCOLIS, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, LETTUCE: 0.2 MG/KG; ARTICHOKE, CEREAL GRAINS, EGGS, HAZELNUTS, MEAT, MILK, POULTRY, RAPE SEED: 0.05 MG/KG. (LEVELS REFER TO THE SUM OF METHIOCARB, ITS SULFOXIDE AND ITS SULFONE, EXPRESSED AS METHIOCARB. THE MRL'S DO NOT ALLOW FOR POSSIBLE FEEDING OF STRAW AND SIMILAR FODDER FROM CROPS SPRAYED WITH METHIOCARB TO REPEL BIRDS).</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	USE	PESTI	PRMT	<p>APPROVED AS A MOLLUSCICIDE. 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</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 = MEDIUM DANGER WHEN A.I. = 100->70% III = MINOR DANGER WHEN A.I. = 70-17% (SOLID) OR 70-7% (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	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. KEMIKALIINSPEKTIONENS 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>

Common Name : Methiocarb

RTECS Number :

CAS Number : 2032-65-7

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, METHIOCARB, 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>
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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500/10,000 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.</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 : **Methomyl**RTECS Number : **AK2975000**CAS Number : **16752-77-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 2.5 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 CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.1-3 MG/KG; SECURITY INTERVAL: 3-14 DAYS; PROVISIONAL TOXICITY CLASS: I (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*,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: 2.5 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.5-5.0 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 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.</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 INSECTICIDE. (FORMULATION: GRANULAR; PARTICULATE; SOLUTION; SOLID; WETTABLE POWDER). CODE MML. 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	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>

Common Name : **Methomyl**RTECS Number : **AK2975000**CAS Number : **16752-77-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	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,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 - 12.0 MG/KG. OTHER PLANT PRODUCTS: 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,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN METHOMYL 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>
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	AIR	OCC	RECL	<p>8H-TWA: 2.5 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>

Common Name : **Methomyl**RTECS Number : **AK2975000**CAS Number : **16752-77-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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> 01JAN1986</p> <p><u>Last Amendment :</u> GBRSI*,1077,,1,1985</p> <p><u>Entry / Update :</u> FEB1986</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A SYSTEMIC 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</p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> 1983</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> 1APR1982</p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> JAN1983</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</p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u></p> <p><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- >34%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 34-8% (SOLID) OR 34-3% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,6222,1990</p> <p><u>Entry / Update :</u> JAN1991</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.1-5.0 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</p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u></p> <p><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 2.5 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</p> <p><u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,1989</p> <p><u>Entry / Update :</u> DEC1991</p>
UN	REC	TRNSP LABEL PACK		CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- >34%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 34-8% (SOLID) OR 34-3% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,162,1989</p> <p><u>Entry / Update :</u> MAY1986</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 2.5 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.</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>

Common Name : Methomyl

RTECS Number : AK2975000

CAS Number : 16752-77-5

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, METHOMYL 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	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	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, 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	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	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	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

Common Name : **Methoxychlor**RTECS Number : **KJ3675000**CAS Number : **72-43-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FEED	-	MXL	100 MG/KG. (COTTONSEED 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
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
ARG	REG	USE	-	PRO	PROHIBITED FOR USE AS SCABICIDE IN SHEEP IN CERTAIN PARTS OF THE PROVINCE OF BUENOS AIRES <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ARESA*,21,,, <u>Effective Date :</u> 19MCH1963 <u>Entry / Update :</u> 1982
ARG	REG	USE	-	PRO	PROHIBITED FOR USE AS EXTERNAL PARASITICIDE IN CATTLE AND SWINE. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADECA*,2143,,,1968 <u>Effective Date :</u> 30APR1968 <u>Entry / Update :</u> 1982
ARG	REG	USE	-	PRO	PROHIBITED FOR USE IN DIPS FOR CATTLE AND SWINE, IN SLAUGHTERHOUSES AND IN PROCESSING OF MEAT. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ARESA*,361,,,1968 <u>Effective Date :</u> 1MAY1968 <u>Entry / Update :</u> 1982
ARG	REG	FOOD	-	MXL	PLANT 10-20 MG/KG; ANIMAL FAT 3 MG/KG; MILK 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	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
BRA	REG	USE USE	AGRIC CONSM	PRO RSTR	USE FOR AGRICULTURE NOT AUTHORIZED. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 6-10% (WT/WT). FUMIGATION PROHIBITED. <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	REC	AQ	DRINK	MAC GL	MAC: 0.9 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>Last Amendment :</u> <u>Effective Date :</u> 1989 <u>Entry / Update :</u> MCH1991

Common Name : **Methoxychlor**RTECS Number : **KJ3675000**CAS Number : **72-43-5****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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 2-14 PPM; SPECIFIED ANIMAL PRODUCTS, MRL = 3 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 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> 26JUN1980 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
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 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	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, RESTRICTED, MANUFACTURING USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: DUST OR POWDER; EMULSIFIABLE CONCENTRATE OR EMULSION; PRESSURIZED PRODUCT;SOLUTION; SUSPENSION; WETTABLE POWDER). CODEMET. 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	AQ	DRINK	MAC	0.03 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
DEU	REC	AIR	OCC	MAK	8H-TWA: 15 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: 150 MG/M3; AVERAGE VALUE; 1X/SHIFT. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS. <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

Common Name : **Methoxychlor**RTECS Number : **KJ3675000**CAS Number : **72-43-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 2.0 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.2 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	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 3.0 MG/KG LIPID WEIGHT. <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) : 10.0 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>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982
GBR	REG	AIR	OCC	OES	8H-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
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 1.0-14.0 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	0.04 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	4.0 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 10 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	0.035 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	AQ	SURF	PSL 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
RUS	REG	AIR	OCC	PSL	CLV: 0.4 MG/M3 (AEROSOL) <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : OBUVR*,5150-89,,1989 <u>Effective Date</u> : NOV1989 <u>Entry / Update</u> : JUL1990

Common Name : Methoxychlor

RTECS Number : KJ3675000

CAS Number : 72-43-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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></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>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.3 MG/KG; ADI = 0.1 MG/KG.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> MDUPP*,2823-83,,,1983</p> <p><u>Effective Date :</u> JUN1983</p> <p><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 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. KEMIKALJEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBEK*,,,1991</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> **APR1992</p> <p><u>Entry / Update :</u> JAN1992</p>
SWE	REG	FOOD	PESTI	MTC	<p>CERALS (SPECIFIED): 1-2 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</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,,1989</p> <p><u>Effective Date :</u> 01JAN1990</p> <p><u>Entry / Update :</u> 1992</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</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991</p> <p><u>Effective Date :</u> 1989</p> <p><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</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>
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</p> <p><u>Last Amendment :</u> CFRUS*,40,61,1,1990</p> <p><u>Effective Date :</u> 1985</p> <p><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</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990</p> <p><u>Effective Date :</u> 1990</p> <p><u>Entry / Update :</u> SEP1991</p>

Common Name : **Methoxychlor**RTECS Number : **KJ3675000**CAS Number : **72-43-5**

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 MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, METHOXYCHLOR, 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>0.04 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 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	CONSM	MPC	<p>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 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>

Common Name : **Methoxychlor**RTECS Number : **KJ3675000**CAS Number : **72-43-5**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	WASTE	-	MPC	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. <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
		AQ	-	MPC	
		AQ	GRND	MPC	
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	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). <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
		SOIL	EMI	RQR	
		AQ	EMI	RQR	
		MANUF	EMI	RQR	
WHO	REC	AQ	DRINK	GL	20 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
		AQ	PESTI	GL	

Common Name : Methyl Bromide

RTECS Number : PA4900000

CAS Number : 74-83-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FEED	-	MXL	50 MG/KG (AS BR) <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	5-200 MG/KG (AS BR) AFTER HARVEST AND SOIL TREATMENT. <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 (20 PPM). SKIN ABSORPTION, 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,I,1,1979 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE CLASS	-	AL AGRIC CONSM PRO CLASS	SPECIFIED PLANT PRODUCTS: 5-200 MG/KG; SECURITY INTERVAL: VARIABLE; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITTATION: 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	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1062. CLASS (2.3): POISON GAS. SPECIAL PROVISIONS: 46, 56, 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 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	AIR	OCC	TLV	TWA: 5 PPM. 20 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 ACCGIH (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> MCH1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR MANUFACTURING; RESTRICTED USE AS A FUNGICIDE (AGRICULTURAL), HERBICIDE, INSECTICIDE, NEMATOCIDE, RODENTICIDE, ACARICIDE (MITE CONTROL). (FORMULATION: LIQUID). CODE MBR. 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

Common Name : **Methyl Bromide**RTECS Number : **PA4900000**CAS Number : **74-83-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
CSK	REG	FOOD	-	MRL	<p>LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 10-200 MG/KG (CALCULATED AS BROMIDES).</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	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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 20 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 10 ML/M3 (PPM); 40 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. 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	-	CLASS INDST 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	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>

Common Name : Methyl Bromide

RTECS Number : PA4900000

CAS Number : 74-83-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	USE IMPRT	PESTI	RSTR RSTR	<p>APPLICATION ONLY ADMISSABLE: 1. FOR FUMIGATION IN MILLS, WAREHOUSES, STORAGE ROOMS AND OTHER ROOMS IN FOOD-PRODUCING PLANTS, VACUUM CHAMBERS, GASPROOF SMALL STORAGE BINS, MEANS OF TRANSPORTATION AND TRANSPORT CONTAINERS AND UNDER GASPROOF COVERS AGAINST PESTS OF STORED FOOD; 2. OUTSIDE PROTECTED WATER AREAS AND PROTECTED MINERAL SPRING AREAS FOR SOIL TREATMENT IN THE CULTIVATION OF ORNAMENTAL PLANTS, IN TREE-NURSERIES, VINE-NURSERIES, AND IN THE PRODUCTION OF SEED POTATOES IN PLANT BREEDING GARDENS. 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	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>ALL 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 RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26); KEEP LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2); KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE (S 7/9); AVOID CONTACT WITH SKIN AND EYES (S 24/25); TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING (S 27); 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	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>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN BROMOMETHANE 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>

Common Name : **Methyl Bromide**RTECS Number : **PA4900000**CAS Number : **74-83-9**

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 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	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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 20 MG/M3 (5 PPM). STEL (10 MIN-TWA): 60 MG/M3 (15 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	PACK STORE TRNSP		RQR RQR RQR	<p>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.</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	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,,1,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1,1990 <u>Entry / Update</u> : SEP1992</p>

Common Name : **Methyl Bromide**RTECS Number : **PA4900000**CAS Number : **74-83-9**Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	SAFTY STORE	INDST	RQR RQR	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). <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> 1992
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 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
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 METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURES, LIQUID). UN NO.1647. <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: 2 = GAS (COMPRESSED ETC.) SUBSIDIARY RISK LABEL: FLAMMABLE GAS. UN NO.1062. <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: 2 = GAS (COMPRESSED) (APPLIES TO CHLOROPICRIN AND METHYL BROMIDE MIXTURES). UN NO.1581. <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. 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>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.5-100.0 MG/KG CALCULATED AS INORGANIC BROMIDE. <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 : **Methyl Bromide**RTECS Number : **PA4900000**CAS Number : **74-83-9**

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 20 MG/M3 (15 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 60 MG/M3 (15 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	REC	FOOD EXPRT IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 50.0 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	AIR	AMBI	MAC	<p>0.02 MG/M3 1X/D; 0.01 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 : 1.0 MG/M3 (VAPOUR) HAZARD CLASS: 1</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	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	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN.</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	FOOD	-	MRL	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.5-100 MG /KG; (CALCULATED AS INORGANIC BROMIDE)</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>
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	AIR	OCC	HLV	<p>1D-TWA: 19 MG/M3 (5 PPM); 15 MIN - STEL: 40 MG/M3 (10 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>

Common Name : **Methyl Bromide**RTECS Number : **PA4900000**CAS Number : **74-83-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED) SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO CHLOROPICRIN AND METHYL BROMIDE MIXTURES UN NO.1581. <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.) (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).UN NO.1062. <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 = GREAT DANGER (I = GREAT DANGER - III = MINOR DANGER) (APPLIES TO METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURES UN NO.1647. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> NOV1990
USA	REC	SAFTY USE	OCC OCC	MXL MXL	2000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,158,1990 <u>Last Amendment :</u> XPHPAW,90,117,158,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 PPM, 19 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>Last Amendment :</u> ACGIH*,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
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 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
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> FEREC,47,,26998,1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Effective Date :</u> 1982 <u>Entry / Update :</u> OCT1991

Common Name : Methyl Bromide

RTECS Number : PA4900000

CAS Number : 74-83-9

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	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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	LIQUID, INCLUDING UP TO 2% CHLOROPICRIN: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM LIVING QUARTERS AND SEGREGATED AS FOR NONFLAMMABLE GAS. 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, METHYL BROMIDE, 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	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

Common Name : **Methyl Bromide**RTECS Number : **PA4900000**CAS Number : **74-83-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL FORMULATIONS OF METHYL BROMIDE IN CONTAINERS GREATER THAN 1.5 POUNDS ARE RESTRICTED FOR ALL USES. CONTAINERS WITH NOT MORE THAN 1.5 POUNDS OF METHYL BROMIDE WITH 0.25 PERCENT TO 2.0 PERCENT CHLOROPICRIN AS AN INDICATOR ARE UNCLASSIFIED FOR SINGLE APPLICATIONS (NONDOMESTIC USE) FOR SOIL TREATMENT IN CLOSED SYSTEMS. CONTAINERS WITH NOT MORE THAN 1.5 POUNDS OF METHYL BROMIDE HAVING NO INDICATOR 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.</p> <p><u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE</p> <p><u>Reference</u> : CFRUS*,40,152,175,1990 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : FEREAC,43,,5790,1978 <u>Entry / Update</u> : JAN1992</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1,000 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.</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	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	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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL FORMULATIONS OF METHYL BROMIDE IN CONTAINERS GREATER THAN 1.5 POUNDS ARE RESTRICTED FOR ALL USES. CONTAINERS WITH NOT MORE THAN 1.5 POUNDS OF METHYL BROMIDE WITH 0.25 PERCENT TO 2.0 PERCENT CHLOROPICRIN AS AN INDICATOR ARE UNCLASSIFIED FOR SINGLE APPLICATIONS (NONDOMESTIC USE) FOR SOIL TREATMENT IN CLOSED SYSTEMS. CONTAINERS WITH NOT MORE THAN 1.5 POUNDS OF METHYL BROMIDE HAVING NO INDICATOR 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.</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 : **Methyl Cellosolve**RTECS Number : **KL5775000**CAS Number : **109-86-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 16 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1188. CLASS (3.3): FLAMMABLE LIQUID. 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 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 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>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 16 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 15 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 10 ML/M3 (PPM); 30 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 1.1 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE 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 USE	-	CLASS RQR	<p>INDST</p>

Common Name : Methyl Cellosolve

RTECS Number : KL5775000

CAS Number : 109-86-4

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	AIR	EMI	MPC	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. <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	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
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	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). <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
GBR	REG	AIR	OCC	MEL	8H-TWA: 6 MG/M3 (5 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
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY D SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; 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 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	AIR	OCC	MEL	8H-TWA: 16 MG/M3 (5 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

Common Name : **Methyl Cellosolve**RTECS Number : **KL5775000**CAS Number : **109-86-4**

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.1188. <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
JPN	REC	AIR	OCC	MAC	TWA: 16 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>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 80 MG/M3 (25 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 120 MG/M3 (35 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	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
RUS	REG	AIR	OCC	PSL	CLV: 10.0 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> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 16 MG/M3 (5 PPM); 15 MIN - STEL: 30 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>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992

Common Name : Methyl Cellosolve

RTECS Number : KL5775000

CAS Number : 109-86-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1188. <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, 16 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
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>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991
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 <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

Common Name : **Methyl Cellosolve Acetate**RTECS Number : **KL5950000**CAS Number : **110-49-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 24 MG/M3 (5 PPM). 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*,24170,1,1,1979 <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: 24MG/M3 (5PPM). 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: 5 PPM, 24 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 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.): UN1189. 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 25 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 10 ML/M3 (PPM); 50 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: 0.9 KPA AT 20C.</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 : **Methyl Cellosolve Acetate**RTECS Number : **KL5950000**CAS Number : **110-49-6****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,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <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/BEC).</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: 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); 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 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 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: 24 MG/M3 (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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2(S)</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: 24 MG/M3 (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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1189.</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 : **Methyl Cellosolve Acetate**RTECS Number : **KL5950000**CAS Number : **110-49-6**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
JPN	REC	AIR	OCC	MAC	<p>TWA: 24 MG/M3 (5 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 120 MG/M3 (25 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 170 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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 25 MG/M3 (5 PPM); 15 MIN - STEL: 50 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.</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: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1189.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : UNTDGA*,,,15,1989 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : AUG1990</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>4000 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,146,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,146,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 PPM. 24 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>

Common Name : Methyl Chloromethyl Ether

RTECS Number : KN6650000

CAS Number : 107-30-2

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1239. CLASS (3.1): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 46, 56, 88, 99. PACKING GROUP II, (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>
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 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: 0.003 MG/M3, CLV: 0.007 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>CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. VAPOUR PRESSURE: 21.3 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>

Common Name : **Methyl Chloromethyl Ether**RTECS Number : **KN6650000**CAS Number : **107-30-2****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 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	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	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 RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). CARC.CAT.1; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; MAY CAUSE CANCER (R 45); HIGHLY FLAMMABLE (R 11); ALSO HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); 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); 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	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>

Common Name : Methyl Chloromethyl Ether

RTECS Number : KN6650000

CAS Number : 107-30-2

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. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. PACKING GROUP: 1 = SUBSTANCE PRESENTING GREAT DANGER. UN NO.1239. <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 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 1KG. <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	AIR	OCC	MAC CLASS	CLV : 0.5 MG/M3 (VAPOUR) (AS HYDROGEN CHLORIDE) 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 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. (SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID). PACKING GROUP: 1 = SUBSTANCE PRESENTING GREAT DANGER. UN NO.1239. <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	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>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991
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>Effective Date</u> : 1985 <u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991

Common Name : **Methyl Chloromethyl Ether**RTECS Number : **KN6650000**CAS Number : **107-30-2**

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	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> : 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>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	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>: 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>

Common Name : Methylene Chloride

RTECS Number : PA8050000

CAS Number : 75-09-2

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 175 MG/M3 (50 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 DECREEE 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	AQ	DRINK	GL MAC	LEVELS SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. MAC:0.05 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 ANDLIMITS 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	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: 0.5 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-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	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1593. CLASS (9.2): HAZARD TO ENVIRONMENT. PACKINGGROUP 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. <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: 100 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

Common Name : Methylene Chloride

RTECS Number : PA8050000

CAS Number : 75-09-2

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>
CSK	REG	AIR	OCC	MAC	<p>TWA: 500.0 MG/M3; CLV: 2500.0 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	-	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>
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	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: 100 ML/M3 (PPM); 360 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 500 ML/M3 (PPM); 1800 MG/M3; AVERAGE VALUE; 2X/SHIFT. 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 47.5 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	REC	AIR	OCC	BAT	<p>BLOOD: 5% CO-HB. BLOOD: 1 MG/L AS DICHLOROMETHANE. 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>

Common Name : Methylene Chloride

RTECS Number : PA8050000

CAS Number : 75-09-2

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	REG	AQ	DRINK	MPC	<p>1,1,1-TRICHLOROETHANE, TRICHLOROETHENE, TETRACHLOROETHENE, DICHLOROMETHANE, TETRACHLOROMETHANE: ALTOGETHER 0.01 MG/L; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.004 MG/L. UNTIL 01 JANUARY 1992 THE MAXIMUM PERMISSIBLE CONCENTRATION OF 0.025 MG/L WITH A PERMISSIBLE TOLERANCE OF THE MEASURED VALUE OF +- 0.01 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> : 01JAN1992</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</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,,I,1918,1989 <u>Effective Date</u> : 01JAN1990</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	USE AIR WASTE	INDST EMI REMOV	RSTR MPC RSTR RQR	<p>DICHLOROMETHANE MAY NOT BE USED AS A SOLVENT IN DRY CLEANING ESTABLISHMENTS AND TEXTILE FINISHING PLANTS EXCEPT FOR DEGREASING FURS. IT MAY BE USED AS A SOLVENT IN SURFACE TREATMENT PLANTS AND EXTRACTION PLANTS. EMISSIONS TO THE AMBIENT AIR OF SOLVENTS CONTAINING MORE THAN 50% OF DICHLOROMETHANE MAY NOT EXCEED 50 MG/M3 OF EXHAUST AIR (AT 0 C, 1013 MBAR). EMISSIONS OF OTHER HIGHLY VOLATILE HALOGENATED HYDROCARBONS TO THE AMBIENT AIR MAY NOT EXCEED 20 MG/M3 OF EXHAUST AIR (AT 0 C, 1013 MBAR). THE HIGHLY VOLATILE HALOGENATED HYDROCARBONS COLLECTED IN A SEPARATOR HAVE TO BE RECYCLED. FURTHER REQUIREMENTS CONCERNING THE TECHNICAL EQUIPMENT IN THE ABOVE MENTIONED PLANTS ARE SPECIFIED. FOR ALREADY ESTABLISHED PLANTS PROVISIONAL REGULATIONS ARE APPLIED.</p> <p><u>Title</u> : ORDINANCE ON THE LIMITING OF EMISSIONS OF HIGHLY VOLATILE HALOGENATED HYDROCARBONS (VERORDNUNG ZUR EMISSIONSBEGRENZUNG VON LEICHTFLUECHTIGEN HALOGENKOHLENWASSERSTOFFEN - 2. BIMSCHV)</p> <p><u>Reference</u> : BGZBAD,,I,2694,1990 <u>Effective Date</u> : 01MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,1218,1991 <u>Entry / Update</u> : DEC1991</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 : Methylene Chloride

RTECS Number : PA8050000

CAS Number : 75-09-2

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 FOR: -THE DECAFFEINATION OF, OR REMOVAL OF IRRITANTS AND BITTERINGS FROM COFFEE AND TEA (MRL: 10 MG/KG (TO BE REDUCED TO 5 MG/KG) IN THE ROASTED COFFEE AND 5 MG/KG IN THE TEA).</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	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: 0.1 MG/KG (EXCEPTION: 1 MG/KG IN CONFECTIONARY AND PASTRY PRODUCTS CONTAINING FLAVOURINGS WHICH ARE CHARACTERISTIC OF THE FOODSTUFF AND ARE OBTAINED FROM EXTRACTS OF ALCOHOLIC BEVERAGES OF AN ALCOHOLIC STRENGTH OF OVER 35 C).</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: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); AVOID CONTACT WITH SKIN AND EYES (S 24/25); 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>
F/W	REC	FOOD	-	ADI	<p>ADI WITHDRAWN</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	AIR AIR	OCC OCC	MEL OES	<p>8H-TWA: 350 MG/M3 (100 PPM) (MEL). STEL (10 MIN-TWA): 870 MG/M3 (250 PPM) (OES). (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 LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: HARMFUL 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 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 : **Methylene Chloride**RTECS Number : **PA8050000**CAS Number : **75-09-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED) (APPLIES TO METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURES). UN NO.1912 <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: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1593. <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>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 174 MG/M3 (50 PPM), 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
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS SOLVENT. 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,,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 350 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1740 MG/M3 (500 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	7.5 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

Common Name : **Methylene Chloride**RTECS Number : **PA8050000**CAS Number : **75-09-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	MAC	8.8 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: 50.0 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: 120 MG/M3 (35 PPM); 15 MIN - STEL: 250 MG/M3 (70 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: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1593. <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) (APPLIES TO METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE) UN NO.1912 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> NOV1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 50 PPM, 174 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	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	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> FERECAC,51,,32726,1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Effective Date :</u> 1986 <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> FERECAC,42,,14534,1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991

Common Name : **Methylene Chloride**RTECS Number : **PA8050000**CAS Number : **75-09-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME METHYLENE 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. 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	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	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	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. NOT LISTED FOR VESSEL TRANSPORTATION. 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>

Common Name : **Methylene Chloride**

RTECS Number : **PA8050000**

CAS Number : **75-09-2**

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 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>
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	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>
WHO	REC	AQ	DRINK	GL	<p>20 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 : **Methyl Isocyanate**RTECS Number : **NQ9450000**CAS Number : **624-83-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.05 MG/M3 (0.02 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.): UN2480. CLASS (6.1): POISONOUS; CLASS (3): FLAMMABLE LIQUIDS. SPECIAL PROVISIONS: 46, 48, 99. 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>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.02 PPM, 0.05 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.01 ML/M3 (PPM); 0.025 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.02 ML/M3 (PPM); 0.05 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF SENSITIZATION. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS. VAPOUR PRESSURE: 51.3 KPA AT 20C.</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 : Methyl Isocyanate

RTECS Number : NQ9450000

CAS Number : 624-83-9

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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). 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: F+ - EXTREMELY FLAMMABLE; T - TOXIC; EXTREMELY FLAMMABLE (R 12); 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); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); NEVER ADD WATER TO THIS PRODUCT (S 30); IN CASE OF FIRE, USE... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - 'NEVER USE WATER') (S 43); 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 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: 150 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 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: 0,150 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 0,150 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	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 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>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ATION CODE: 3WE (APPLIES TO METHYL ISOCYANATE AND SOLUTIONS)</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 : Methyl Isocyanate

RTECS Number : NQ9450000

CAS Number : 624-83-9

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 TONNE 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	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 150 KG, 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 150 KG, 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: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2480</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</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 COPEL 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 (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 150KG.</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 0.05 MG/M3 (0.02 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: 0.05 MG/M3 (VAPOUR) HAZARD CLASS: I</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 : **Methyl Isocyanate**RTECS Number : **NQ9450000**CAS Number : **624-83-9**

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: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2480 <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) 0.02 PPM, 0.047 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	20 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,152,1990 <u>Last Amendment :</u> XPHPAW,90,117,152,1990 <u>Effective Date :</u> JUN1990 <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
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (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
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> FEREC,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 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> FEREC,52,,13395,1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991

Common Name : Methyl Isocyanate

RTECS Number : NQ9450000

CAS Number : 624-83-9

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>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	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 IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE KEPT COOL AND STOWED A WAY FROM LIVING QUARTERS AND SOURCES OF HEAT. 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.</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 : Methyl Mercury

RTECS Number : OW6320000

CAS Number : 22967-92-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.01 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: 0.1 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. DANGER OF SENSITIZATION. PREGNANCY GROUP A: A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS HAS BEEN UNEQUIVOCALLY DEMONSTRATED. EXPOSURE OF PREGNANT WOMEN CAN LEAD TO DAMAGE TO THE DEVELOPING ORGANISM 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 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>
FW	REC	FOOD	-	ADI	<p>PROVISIONAL TOLERABLE WEEKLY INTAKE: 0.0033 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	REC	USE	AGRIC PESTI	PRO	<p>WITHDRAWAL OF THE USE OF METHYL MERCURY AS A LIQUID SEED DRESSING. REASONS FOR THE CONTROL ACTION: USES WITHDRAWN OF ENVIRONMENTAL GROUNDS (ABILITY TO ACCUMULATE IN THE FOOD CHAIN).</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>
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>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>10 MG/M3. /ORGANO ALKYL MERCURY CMPDS/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,140,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,140,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Metiram**

RTECS Number :

CAS Number : **9006-42-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-5MG/KG; SECURITY INTERVAL: 7 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	FORMULATIONS CONTAINING THIS INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS FUNGICIDE (AGRICULTURAL). (FORMULATION: WETTABLE POWDER; DUST OR POWDER; ; SOLUBLE GRANULES). CODE MTR. 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 = 4-7 PPM. APPLIES TO ZINC AND MANGANESE SALTS OF ETHYLENEBISDITHIOCARBAMATE EXPRESSED AS ZINEB. 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
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: 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. <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
RUS	REG	AIR	AMBI	MAC	0.002 MG/M3 1X/D, 0.0005 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	AIR	OCC	MAC CLASS	CLV: 1.0MG/M3 (AEROSOL) HAZ. CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> MAR1989 <u>Last Amendment :</u> PDKAD*,4952-89,,1989 <u>Entry / Update :</u> MAY1990

Common Name : **Metiram**

RTECS Number :

CAS Number : **9006-42-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.5 MG/M3 (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	2.0MG/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	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 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
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1-1.0MG/KG (CALCULATED AS CS2); ADI = 0.05MG/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 : 0.00024 MG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,SUPL-5,,,1982 <u>Effective Date :</u> JUN1981 <u>Entry / Update :</u> OCT1985
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, METIRAM, 1988.; 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 : **Metobromuron**RTECS Number : **YS3325000**CAS Number : **3060-89-7**Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	DESCRIPTION	LEVEL / SUMMARY INFORMATION
					<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; SUSPENSION; WETTABLE POWDER). CODE MTB. 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>SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF METOBROMURON AND ITS DEGRADATION AND REACTION PRODUCTS CONTAINING STILL THE 4-BROMOANILINE GROUP; CALCULATED AS 4-BROMOANILINE.</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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1-0.5 MG/KG; ADI = 0.025 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 PESTICIDE FOR HERBS TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE 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 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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1-0.5 MG/KG; ADI = 0.025 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>	

Common Name : Mevinphos

RTECS Number : GQ5250000

CAS Number : 7786-34-7

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 0.1 MG/M3 (0.01 PPM), 15 MIN - STEL: 0.3 MG/M3 (0.03 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). 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,,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.02-1.0 MG/KG; SECURITY INTERVAL: 4-17 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXICIV = 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	TRNSP LABEL PACK	-	CLASS RQR	DRY. SEE UNDER ORGANOPHOSPORUS 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 TO MEVINPHOS 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS. MRL = 0.2-0.25 PPM. THESE LIMITS ARE PRESCRIBED BYTHE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BYTHE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDSOFCOMPOSITION, 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> 26JUN1980 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	LIQUID. SEE UNDER ORGANOPHOSPHORUS 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 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 MEVINPHOS 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

Common Name : **Mevinphos**RTECS Number : **QO5250000**CAS Number : **7786-34-7****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.01 PPM, 0.1 MG/M3; STEL: 0.03 PPM, 0.3 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 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>
CSK	REG	FOOD	-	MRL	<p>LIMIT OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1 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 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: 0.01 ML/M3 (PPM); 0.1 MG/M3 (20C, 101.3 KPA). DANGER OF CUTANEOUS ABSORPTION.</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,,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>

Common Name : Mevinphos

RTECS Number : GQ5250000

CAS Number : 7786-34-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 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-HOCHSTMENGENVERORDNUNG)</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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS:T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 26/27/28). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED; KEEP LOCKED UP (S 1); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); 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).</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**,1,180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0,1 - 0.5 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> : 01JAN1989</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 MEVINPHOS 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 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: 0.0015 MG/KG BW; MRL: BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CHERRIES, COLLARD, STRAWBERRIES: 1 MG/KG; APPLES, GRAPES, LETTUCE, PEACHES, SPINACH: 0.5 MG/KG; APRICOTS, CITRUS FRUIT, CUCUMBERS, PEARS, TOMATOES: 0.2 MG/KG; BEANS, CARROTS, ONIONS, PEAS, POTATOES, TURNIPS: 0.1 MG/KG; MELONS: 0.05 MG/KG (EXPRESSED AS SUM OF CIS- AND TRANS-MEVINPHOS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,53-IV,1986 <u>Entry / Update</u> : APR1991</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>

Common Name : Mevinphos

RTECS Number : GQ5250000

CAS Number : 7786-34-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	RQR	FULL PROTECTIVE CLOTHING MUST BE WORN.A RESPIRATOR IS REQUIRED 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	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	AIR	OCC	OES	8H-TWA: 0.1 MG/M3 (0.01 PPM). STEL (10 MIN-TWA): 0.3 MG/M3 (0.03 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
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	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>Effective Date :</u> 1APR1982 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
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	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1-0.5 MG/KG (SUM OF CIS AND TRANS ISOMERS). 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	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: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->60%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 60->5%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 5-1% (SOLID) OR 5-0.5% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991

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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 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 RESPONSABILITIES 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: 0.25 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 0.1 MG/M3 (0.01 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.3 MG/M3 (0.03 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	USE	AGRIC	PRO	<p>NOT APPROVED 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*,,, <u>Entry / Update</u> : AUG1988</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.02-0,3 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: I = VERY DANGEROUS - SUBSTANCE WHEN AI = 100->60%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 60->5%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 5-1% (SOLID) OR 5-0.5% (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>4 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,180,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,180,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : Mevinphos

RTECS Number : QG5250000

CAS Number : 7786-34-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.01 PPM, 0.09 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 0.03 PPM, 0.27 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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD. MEVINPHOS, 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL EMULSIFIABLE CONCENTRATES AND LIQUID CONCENTRATES OF MEVINPHOS ARE RESTRICTED FOR ALL USES. PSYCODID FILTER FLY LIQUID FORMULATIONS WITH MEVINPHOS ARE RESTRICTED FOR ALL USES. 2% DUSTS OF MEVINPHOS 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.</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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL EMULSIFIABLE CONCENTRATES AND LIQUID CONCENTRATES OF MEVINPHOS ARE RESTRICTED FOR ALL USES. PSYCODID FILTER FLY LIQUID FORMULATIONS WITH MEVINPHOS ARE RESTRICTED FOR ALL USES. 2% DUSTS OF MEVINPHOS 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.</p> <p><u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE</p> <p><u>Reference</u> : CFRUS*,40,152,175,1990 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : FEREAC,43,,5790,1978 <u>Entry / Update</u> : JAN1992</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>

Common Name : Mevinphos

RTECS Number : GQ5250000

CAS Number : 7786-34-7

Area Type Subject Spec. Description Level / Summary Information :

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 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED POISON. MIXTURE DRY: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. 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 ACCORDANCE TO 49 CFR 173.377. 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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500 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> 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 : Mexacarbate

RTECS Number : FC0700000

CAS Number : 315-18-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>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.</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 = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->28% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 28-7% A.I.(SOLID) OR 28-2% A.I. (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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->28% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 28-7% A.I.(SOLID) OR 28-2% 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> MAY1986</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	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=500/10,000 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, 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>
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>

Common Name : Mexacarbate

RTECS Number : FC0700000

CAS Number : 315-18-4

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>

Common Name : Mineral Oil

RTECS Number : PY8030000

CAS Number : 8012-95-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 5 MG/M3 (APPLIES TO MINERAL OIL MIST)</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,,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>(INSECTICIDAL OR ADJUVANT) INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS ACARICIDE; INSECTICIDE; ADJUVANT. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE MOI. 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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>(HERBICIDAL OR PLANT GROWTH REGULATOR). FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HERBICIDE. (FORMULATION: SOLUTION). CODE MOH. 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	-	MPC	<p>LIMIT OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.5G/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>
CSK	REG	AIR	OCC	MAC	<p>TWA: 5.0MG/M3, CLV: 10.0MG/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: 2.5-50MG/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>

Common Name : Mineral Oil

RTECS Number : PY8030000

CAS Number : 8012-95-1

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	FOOD GOODS	-	PRMT	<p>COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY.</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>
DEU	REG	AQ	DRINK	MPC	<p>0.01 MG/L; 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>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) THAT CONSIST OF MINERAL OILS AND OILY SUBSTANCES (E.G. CUTTING SLUDGES ETC.) DISPLAYING CERTAIN DESCRIBED PROPERTIES ARE DEFINED AS HAZARDOUS WASTE. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES TO ENSURE THE PROPER MANAGEMENT OF HAZARDOUS WASTE.</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	AIR AQ WASTE	EMI EMI REMOV	MXL PRO RQR	<p>MEMBER STATES SHALL ENSURE: 1) THE SAFE COLLECTION AND DISPOSAL OF WASTE OILS (= ANY SEMI-LIQUID OR LIQUID PRODUCT TOTALLY OR PARTIALLY CONSISTING OF MINERAL OR SYNTHETIC OIL, INCL. THE OILY RESIDUES FROM TANKS, OIL-WATER MIXTURES AND EMULSIONS) 2) THAT AS FAR AS POSSIBLE THE DISPOSAL OF WASTE OILS IS CARRIED OUT BY RECYCLING (REGENERATION AND/OR COMBUSTION OTHER THAN FOR DESTRUCTION). MEMBER STATES SHALL PROHIBIT: 1) ANY DISCHARGE OF WASTE OILS INTO INTERNAL SURFACE WATERS, GROUND WATER, COASTAL WATERS AND DRAINAGE SYSTEMS; 2) ANY DEPOSIT AND/OR DISCHARGE OF WASTE OILS HARMFUL TO THE SOIL AND ANY UNCONTROLLED DISCHARGE OF RESIDUES RESULTING FROM THE PROCESSING OF WASTE OILS; 3) ANY PROCESSING OF WASTE OILS CAUSING AIR POLLUTION WHICH EXCEEDS THE LEVEL PRESCRIBED BY EXISTING PROVISIONS. ANY UNDERTAKING WHICH DISPOSES OF WASTE OIL MUST OBTAIN A PERMIT, AND SHALL BE INSPECTED PERIODICALLY.</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> : 25JUL1976</p> <p><u>Last Amendment</u> : OJEC**,L42,,43,1987 <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ AQ AQ	SURF FRESH MARIN	RQR RQR RQR	<p>QUALITY STANDARD FOR MINERAL OILS IN BATHING WATER (EXCEPT WATER INTENDED FOR THERAPEUTIC PURPOSES AND WATER USED IN SWIMMING POOLS): NO FILM VISIBLE ON THE SURFACE AND NO ODOUR. GUIDELINE VALUE: <=0.3MG/L. 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 8 DECEMBER 1975 CONCERNING THE QUALITY OF BATHING WATER. (76/160/EEC).</p> <p><u>Reference</u> : OJEC**,L31,,1,1976 <u>Effective Date</u> : 05FEB1978</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 MINERAL OILS AND HYDROCARBONS 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	AQ AQ MONIT	DRINK DRINK METHD	MAC GL RQR	<p>MAC : 10 UG, GL : - (OF MINERAL OILS AND DISSOLVED AND EMULSIFIED HYDROCARBONS) (INFRARED 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>

Common Name : Mineral Oil

RTECS Number : PY8030000

CAS Number : 8012-95-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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 II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN. MEMBER STATES SHALL APPLY A SYSTEM OF ZERO-EMISSION TO DISCHARGES INTO GROUND WATER (APPLIES TO NON PERSISTENT MINERAL OILS AND HYDROCARBONS OF PETROLEUM ORIGIN).</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	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 EMISSION STANDARDS SHALL BE LAID DOWN. MEMBER STATES SHALL APPLY A SYSTEM OF ZERO-EMISSION TO DISCHARGES INTO GROUND WATER (APPLIES TO PERSISTENT MINERAL OILS AND HYDROCARBONS OF PETROLEUM ORIGIN)</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>
FW	REC	FOOD	-	ADI	<p>THE ESTABLISHMENT OF AN ADI IS NOT DEEMED NECESSARY (APPLIES TO THE MINERAL OILS CURRENTLY IN USE AS RELEASING AGENTS AND LUBRICANTS) (TEMPORARY ACCEPTANCE)</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>
FW	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: PRESERVATIVE; ADI: THE ESTABLISHMENT OF AN ADI IS NOT DEEMED NECESSARY; MXL: RAISINS: 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,,346,1983 <u>Entry / Update</u> : MAY1991</p>
GBR	REG	AQ MONIT	SURF	RQR RQR	<p>BATHING WATERS SHALL BE CLASSIFIED BW1 IF AMONGST OTHER CRITERIA THERE IS NO FILM VISIBLE ON THE SURFACE OF THE WATER AND NO ODOUR. INSPECTION IS VISUAL AND OLFACTORY. FURTHER SAMPLING REQUIREMENTS ARE SPECIFIED. THIS CLASSIFICATION SYSTEM REFLECTS THE MANDATORY STANDARDS LAID DOWN IN COUNCIL DIRECTIVE 76/160/EEC CONCERNING THE QUALITY OF BATHING WATER.</p> <p><u>Title</u> : THE BATHING WATERS (CLASSIFICATION) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,1597,,1991 <u>Effective Date</u> : 09AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>10UG/L (DISSOLVED OR EMULSIFIED HYDROCARBONS AFTER EXTRACTION WITH PETROLEUM ETHER) 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 MONIT	DRINK	MPC RQR	<p>10UG/L DISSOLVED OR EMULSIFIED HYDROCARBONS (AFTER EXTRACTION WITH PETROLEUM ETHER) 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 : **Mineral-Oil**RTECS Number : **PY8030000**CAS Number : **8012-95-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	OCC	OCC	MAC	TWA: 3MG/M3 (MIST) <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	EMI	MXL	MAXIMUM LIMIT: 5MG/L AS N-HEXANE EXTRACTS. <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	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS GLAZING AND POLISHING 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,,362,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS FILLER (APPLIES TOMICROCRYSTALLINE CELLULOSE) AS RELEASING AGENT AND FOR COATING. 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,,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 5MG/M3 (OF MIST) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10MG/M3 (OF MIST) 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: 5.0MG/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	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	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE. PROHIBITED FOR USE ON CARROTS, WHICH ARE USED IN CHILD AND DIETETIC NUTRITION (APPLIES TO MINERAL PETROLEUM OILS) REASONS FOR THE CONTROL ACTION: PREPARATION OF VARIABLE COMPOSITION CONTAINING AROMATIC HYDROCARBONS. <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 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

Common Name : Mineral Oil

RTECS Number : PY8030000

CAS Number : 8012-95-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 10 MG/M3 /OIL MIST, MINERAL/; 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	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME ALIPHATIC SOLVENTS.; 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.</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	FOOD TRANS STORE PACK	ADDIT	RSTR 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> : NOV1992</p>

Common Name : Mirex

RTECS Number : PC8225000

CAS Number : 2385-85-5

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	MANUF SALE USE IMPRT	-	PRO	NO PERSON SHALL MANUFACTURE, USE, PROCESS, OFFER FOR SALE, SELL OR IMPORT MIREX FOR ANY COMMERCIAL, MANUFACTURING OR PROCESSING PURPOSE. THESE PROHIBITIONS ARE PRESCRIBED BY THE MIREX REGULATIONS, 1989, WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE). THESE REGULATIONS PROHIBIT IMPORT, MANUFACTURE, PROCESS, OFFER FOR SALE OR USE OF DODECACHLOROPENTACYCLODECANE (MIREX) FOR ANY COMMERCIAL, MANUFACTURING OR PROCESSING USE. <u>Title :</u> <u>Reference :</u> CAGAAK,124.5.778,1990 <u>Effective Date :</u> 15FEB1990 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
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>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN: 0.1 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.1 MG/KG WET 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,,I,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-60% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991
MEX	REG	USE	AGRIC	PRO	PROHIBITED AGRICULTURAL PESTICIDE. REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT (BECAUSE IT ACCUMULATES IN FOOD AND HAS A CARCINOGENIC EFFECT IN HUMANS). <u>Title :</u> MANUAL DE PLAGUICIDAS AUTORIZADOS PARA 1982 (MANUAL OF AUTHORIZED PESTICIDES FOR 1982) <u>Reference :</u> <u>Effective Date :</u> 1982 <u>Last Amendment :</u> MEXMP*,,, <u>Entry / Update :</u> 1987
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-60% (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 : **Molinate**RTECS Number : **CM2625000**CAS Number : **2212-67-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	RICE: 0.1 MG/KG; PROVISIONAL TOXICITY CLASS: II, 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 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
DEU	REG	FOOD	PESTI	MRL	RICE: 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,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS II, 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
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 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
RUS	REG	AQ	SURF	MAC CLASS	0.07 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	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	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.2 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
RUS	REG	SOIL	-	PSL	0.9 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JUN1981 <u>Last Amendment</u> : ODKPP*,2402-81,,1981 <u>Entry / Update</u> : OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.0007 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

Common Name : **Molinate**RTECS Number : **CM2625000**CAS Number : **2212-67-1**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
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></p> <p><u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,,1987</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 MOLINATE; 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</p> <p><u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,100,22706,1989</p> <p><u>Entry / Update :</u> JAN1992</p>
WHO	REC	AQ AQ	DRINK PESTI	GL GL	<p>6 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</p> <p><u>Effective Date :</u></p> <p><u>Last Amendment :</u> WHODW*,,,1992</p> <p><u>Entry / Update :</u> OCT1992</p>

Common Name : **Monocrotophos**

RTECS Number : TC4375000

CAS Number : 6923-22-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.25 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
BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-0.2 MG/KG; SECURITY INTERVAL: 9-26 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXICIV = 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.5-1 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> 26JUN1980 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CAN	REG	AIR	OCC	TLV	TWA: 0.25 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 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
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	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE BEC (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	HOP: 5.0 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

Common Name : **Monocrotophos**RTECS Number : **TC4375000**CAS Number : **6923-22-4****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 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 PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN MONOCROTOPHOS 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: 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); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); 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>
FW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.0006 MG/KG BW; MRL: APPLES, HOPS (DRIED), PEARS, TOMATOES: 1 MG/KG; BEANS, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CITRUS FRUIT: 0.2 MG/KG; COFFEE (RAW BEANS), COTTONSEED, ONIONS, PEAS: 0.1 MG/KG; CARROTS, COTTONSEED OIL, MAIZE (GRAIN), POTATOES, SOYA BEANS, SUGAR BEETS, TURNIPS: 0.05 MG/KG; CARCASE MEAT OF CATTLE, GOATS, PIGS AND SHEEP, EDIBLE OFFAL OF CATTLE, GOATS, PIGS, POULTRY AND SHEEP, EGGS (SHELL-FREE BASIS), MILK PRODUCTS, POULTRY: 0.02 MG/KG; MILK: 0.002 MG/KG (EXPRESSED AS MONOCROTOPHOS)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,54-IV,1986 <u>Entry / Update</u> : 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->25%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 25-7% (SOLID) OR 25-2.5% (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>
MEX	REG	AIR	OCC	MXL	<p>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.</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	PRO	<p>NOT APPROVED 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*,,, <u>Entry / Update</u> : AUG1986</p>

Common Name : **Monocrotophos**RTECS Number : **TC4375000**CAS Number : **6923-22-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.05-0.2 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 = 25-7% (SOLID) OR 25-2.5% (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>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.25 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF MONOCROTOPHOS OF 19% AND GREATER ARE RESTRICTED FOR ALL USES. ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF MONOCROTOPHOS OF 55% AND GREATER 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.</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	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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF MONOCROTOPHOS OF 19% AND GREATER ARE RESTRICTED FOR ALL USES. ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF MONOCROTOPHOS OF 55% AND GREATER 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.</p> <p><u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE</p> <p><u>Reference</u> : CFRUS*,40,152,175,1990 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : FEREAC,43,,5790,1978 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Monocrotophos**RTECS Number : **TC4375000**CAS Number : **6923-22-4**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, MONOCROTOPHOS, 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.</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 : **Monolinuron**RTECS Number : **YS6425000**CAS Number : **1746-81-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.02-0.05 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*,,,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). CODE MOL. 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	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	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	SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.5 MG/KG. APPLIES TO THE SUM OF BUTURON, MONOLINURON AND MONURON TOGETHER WITH DEGRADATION AND REACTION PRODUCTS CONTAINING STILL THE 4-CHLOROANILINE GROUP; CALCULATED AS 4-CHLOROANILINE. <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 : **Monolinuron**RTECS Number : **YS6425000**CAS Number : **1746-81-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).</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 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>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A CONTACT AND 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>
RUS	REG	AIR	AMBI	MAC	<p>0.005 MG/M3, 1X/D; 0.001 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	AQ	SURF	MAC CLASS	<p>0.05 MG/L HAZARD CLASS: IV</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>
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> :</p> <p><u>Last Amendment</u> : SCHSB* 1986-90,,1987 <u>Effective Date</u> : 1JAN1986</p> <p><u>Entry / Update</u> : NOV1987</p>
RUS	REG	FOOD	-	PRO ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTSADI = 0.003 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>
RUS	REG	SOIL	-	PSL	<p>0.7 MG/KG.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : ODKPP*,2402-81,,1981 <u>Effective Date</u> : JUN1981</p> <p><u>Entry / Update</u> : OCT1985</p>
RUS	REG	USE	AGRIC	PRO	<p>PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: CARCINOGENIC</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : OSUMH*,123-12/204-,23,26FEB,1986 <u>Effective Date</u> : 01JAN1988</p> <p><u>Entry / Update</u> : AUG1988</p>
RUS	REG	FOOD	-	PRO ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS; ADI = 0.003 MG/KG BW.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : MDUPP*,4540-87,,1987 <u>Effective Date</u> : JAN1988</p> <p><u>Entry / Update</u> : JUL1990</p>

Common Name : **Monuron**RTECS Number : **YS6300000**CAS Number : **150-68-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	PLANT PRODUCTS: 1.0-7.0 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
BRA	REG	FOOD	-	AL	SPECIFIED PLANT PRODUCTS: 1-7 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,,172,1979 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1982
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR DOMESTIC USE AS HERBICIDE; SWIMMING POOL ALGAECIDE. (FORMULATION: TABLET; WETTABLE POWDER). CODE MON. 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	SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.5 MG/KG. APPLIES TO THE SUM OF BUTURON, MONOLINURON AND MONURON TOGETHER WITH DEGRADATION AND REACTION PRODUCTS CONTAINING STILL THE 4-CHLOROANILINE GROUP; CALCULATED AS 4-CHLOROANILINE. <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	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>Last Amendment :</u> <u>Effective Date :</u> 15JUN1991 <u>Entry / Update :</u> APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN- HARMFUL; HARMFUL IF SWALLOWED (R 22). CARC. CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); 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 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>Last Amendment :</u> OJEC**L 180,,79,1991 <u>Effective Date :</u> 1JUL1992 <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 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>Last Amendment :</u> OJEC**L144,,1,1984 <u>Effective Date :</u> <u>Entry / Update :</u> APR1986

Common Name : **Monuron**RTECS Number : **YS6300000**CAS Number : **150-68-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 1.0-7.0 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	AQ	SURF	MAC CLASS	<p>5.0 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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1 MG/KG; ADI = 0.003 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	SOIL	-	PSL	<p>0.6 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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1 MG/KG; ADI = 0.003 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	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>
SWE	REG	USE	PESTI	PRO	<p>THIS SUBSTANCE HAS BEEN WITHDRAWN FROM THE MARKET AFTER MUTUAL DISCUSSIONS BETWEEN THE NATIONAL CHEMICALS INSPECTORATE AND THE IMPORTERS. REASONS FOR THE CONTROL ACTION: BECAUSE OF ITS MUTAGENIC AND CARCINOGENIC EFFECTS 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> PKBB*,,,,1974 <u>Effective Date :</u> ** 1974</p> <p><u>Last Amendment :</u> SVENF*,1985:426,,4,1985 <u>Entry / Update :</u> 1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, MONURON, 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 : **Morpholine**RTECS Number : **QD6475000**CAS Number : **110-91-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 70 MG/M3 (20 PPM), 15 MIN - STEL: 105 MG/M3 (30 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: 20 PPM, 70 MG/M3; STEL: 30 PPM, 105 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.): UN2054. CLASS (3.3): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 89. PACKING GROUP III. (I=GREATDANGER, 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 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 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 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: 20 ML/M3 (PPM); 70 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 40 ML/M3 (PPM); 140 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. VAPOUR PRESSURE: 1.0 KPA AT 20C. REACTION OF MORPHOLINE WITH NITROSATING AGENTS CAN RESULT IN THE FORMATION OF CARCINOGENIC N-NITROSOMORPHOLINE.</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 : Morpholine

RTECS Number : QD6475000

CAS Number : 110-91-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<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 BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: C - CORROSIVE; FLAMMABLE (R 10); HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); CAUSES BURNS (R 34); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); WEAR SUITABLE PROTECTIVE CLOTHING (S 36). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: C - CORROSIVE; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); CAUSES BURNS (R 34). FROM 10% TO 25%: C - CORROSIVE; CAUSES BURNS (R 34). FROM 1% TO 10%: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38).</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.</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 : 2P</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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2054.</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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 70 MG/M3 (20 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 105 MG/M3 (30 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 : 1.5 MG/M3; TWA: 0.5 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>

Common Name : **Morpholine**RTECS Number : **QD6475000**CAS Number : **110-91-8**

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
RUS	REG	AQ	SURF	MAC CLASS	0.04 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: 70 MG/M3 (20 PPM); 15 MIN - STEL: 110 MG/M3 (30 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. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2054. <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	8000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,156,1990 <u>Last Amendment :</u> XPHPAW,90,117,156,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 20 PPM, 71 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 30 PPM, 107 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	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

Common Name : **Morpholine**RTECS Number : **QD6475000**CAS Number : **110-91-8****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 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. AQUEOUS MIXTURE FLAMMABLE LIQUID: 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. AQUEOUS MIXTURE CORROSIVE MATERIAL: 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 DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.245. 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.</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 : Nabam

RTECS Number : FA6825000

CAS Number : 142-59-6

Area Type Subject Spec. Description Level / Summary Information :

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 FUNGICIDE (AGRICULTURAL); SLIMICIDE. (FORMULATION: SOLUTION). CODE NAB. 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 1963 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> 11DEC1988</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: 1.0 - 25.0 MG/KG. OTHER PLANT PRODUCTS: 0.2 MG/KG. APPLIES TO THE SUM OF DITHIOCARBAMATES AND THURAM 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>
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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; IRRITATING TO SKIN (R 38). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO SKIN (R 38); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13).</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 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	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>
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>

Common Name : **Nabam**RTECS Number : **FA6825000**CAS Number : **142-59-6**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 7.0 MG/KG CALCULATED AS ZINEB.</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>
UN	REC	TRNSP LABEL PACK	-	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> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, NABAM, 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 : Naled

RTECS Number : TB9450000

CAS Number : 300-76-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD FEED	-	MRL MRL	FOODSTUFF: 0.5-3 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> MAY1985
ARG	REG	AIR	OCC	MPC	8H-TWA : 3 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>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
ARG	REG	AIR	OCC	MPC	8H-TWA: 3 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>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT RSTR CLASS	SPECIFIED PLANT PRODUCTS: 0.5-1 MG/KG (CALCULATED AS THE SUM OF NALED AND DICLORVOS, EXPRESSED AS NALED); SECURITY INTERVAL: 4-30 DAYS; PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR USE AS INSECTICIDE IN RESIDENTIAL GARDENS: 0.1% (WT/WT); MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 1% (WT/WT). <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, RESTRICTED USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; SLOW-RELEASE GENERATOR). CODE NAL. THE PESTCONTROL 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	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER ORGANOPHOSPHORUS 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
CAN	REG	AIR	OCC	TLV	TWA: 3 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>Last Amendment :</u> <u>Effective Date :</u> 13MCH1986 <u>Entry / Update :</u> MAY1991

Common Name : Naled

RTECS Number : TB9450000

CAS Number : 300-76-5

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 = 0.5-3 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 3 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: 30 MG/M3; AVERAGE VALUE; 1X/SHIFT.</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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 0.2 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	FOOD	PESTI	MRL	<p>MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN, MILK, MILK PRODUCTS, EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.05 MG/KG. OTHER PRODUCTS OF ANIMAL ORIGIN: 0.01 MG/KG WET WEIGHT.</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 BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS (S 13).</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. (COUNCIL DIRECTIVE 78/631/EEC - OJEC L206.13, 1978 AS LAST AMENDED BY THE REFERENCE GIVEN).</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 : Naled

RTECS Number : TB9450000

CAS Number : 300-76-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 3 MG/M3. STEL (10 MIN-TWA): 6 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 = 100-50% (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: 0.5-3.0 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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 3 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	0.03 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
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
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-0.3 MG/KG. ADI = 0.009 MG/KG (CALCULATED VALUE). <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	OCC	MAC CLASS	CLV : 0.5 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	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
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>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Entry / Update</u> : MAY1986

Common Name : **Naled**RTECS Number : **TB9450000**CAS Number : **300-76-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 3 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	REC	SAFTY USE	OCC OCC	MXL MXL	<p>1800 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,96,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,96,1990 <u>Entry / Update</u> : OCT1991</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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, NALED, 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 : **Naphtha**RTECS Number : **SE7555000**CAS Number : **8030-30-6**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA : 1350 MG/M3 (300 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	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA PETROLEUM DISTILLATES, OR PRODUCTS CONTAINING PETROLEUM DISTILLATES INCLUDING NAPHTHA, 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. <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
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN2553. 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. <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.): UN2553. CLASS (3.3): FLAMMABLE LIQUID. 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 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	PIN (PRODUCT IDENTIFICATION NO.): UN1256. 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. <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 : Naphtha

RTECS Number : SE7555000

CAS Number : 8030-30-6

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1255. 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>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1256. 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1255. CLASS (3.2): FLAMMABLE LIQUID. PACKING GROUPII OR III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PACKING GROUP II - 5 L; PACKING GROUP III - 60 L. MAXIMUM AMOUNT PER PACKAGETHAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PACKING GROUP II - 60 L; PACKING GROUP III - 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1255. CLASS (3.1): FLAMMABLE LIQUID. PACKING GROUPII OR III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PACKING GROUP II - 5 L; PACKING GROUP III - 60 L. MAXIMUM AMOUNT PER PACKAGETHAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PACKING GROUP II - 60 L; PACKING GROUP III - 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	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 : Naphtha

RTECS Number : SE7555000

CAS Number : 8030-30-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	TWA: 500.0 MG/M3; CLV: 2500.0 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
DEU	REC	AQ USE	- INDST	CLASS RQR	NAPHTHA ON MINERAL OIL BASIS (180/210) 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
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 3YE <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: II/III = MEDIUM DANGER/GREAT DANGER (DEPENDING ON FLASHPOINT). (APPLIES TO NAPHTHA, COAL TAR). UN NO. 2553 <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. PACKING GROUP: II/III = MEDIUM DANGER/GREAT DANGER (DEPENDING ON FLASHPOINT). (APPLIES TO NAPHTHA, SOLVENT). UN NO. 1256 <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 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 NAPHTHA (COAL TAR)) <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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1600 MG/M3 (400 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>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991

Common Name : Naphtha

RTECS Number : SE7555000

CAS Number : 8030-30-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV: 100 MG/M3 (VAPOUR) (CALCULATED AS CARBON) (APPLIES TO BENZIN AS SOLVENT) 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (APPLIES TO NAPHTHA, PETROLEUM (UN NO. 1255) AND NAPHTHA, SOLVENT (UN NO. 1256)). <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: 3 = INFLAMMABLE LIQUID. UN NO. 2553 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	COMBUSTIBLE 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. FLAMMABLE LIQUID: 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>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991
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. 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 : 2-Naphthylamine

RTECS Number : QM2100000

CAS Number : 91-59-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1650. 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>
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>
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 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>

Common Name : 2-Naphthylamine

RTECS Number : QM2100000

CAS Number : 91-59-8

Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AIR	OCC	MAK	DANGER OF CUTANEOUS ABSORPTION. CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. <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	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	MANUF SALE USE	-	PRO PRO PRO	SUBSTANCES OR PREPARATIONS CONTAINING 2-NAPHTHYLAMINE OR ITS SALTS AT A MASS CONTENT OF > = 0.1% MAY NOT BE PRODUCED, MARKETED OR USED. SOME EXCEPTIONS FROM THE PROHIBITION ARE MENTIONED. <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> : 1992
DEU	REG	SAFTY	INDST	RQR	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 INCIDENCE 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. <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	AIR	EMI	MPC	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. <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-Naphthylamine

RTECS Number : QM2100000

CAS Number : 91-59-8

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. (APPLIES TO 2-NAPHTHYLAMINE 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>
EEC	REG	FOOD	ADDIT	MXL	<p>NO DETECTABLE QUANTITIES OF THIS SUBSTANCE OR ANY OF ITS DERIVATIVES 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	GOODS SALE LABEL	-	MXL RSTR RQR	<p>2-NAPHTHYLAMINE 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> 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 : 2-Naphthylamine

RTECS Number : QM2100000

CAS Number : 91-59-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 25%: T - TOXIC; MAY CAUSE CANCER (R 45); HARMFUL IF SWALLOWED (R 22). FROM 0.01% TO 25%: T - TOXIC; MAY CAUSE CANCER (R 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	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 SALTS OF 2-NAPHTHYLAMINE.</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 USE SAFTY	INDST INDST OCC	PRO PRO RQR	<p>2-NAPHTHYLAMINE 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>
GBR	REG	USE		PRO	<p>PRODUCTION AND USE IN FACTORIES OF BETA-NAPHTHYLAMINE 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. REASON FOR THE CONTROL ACTION: EPIDEMIOLOGICAL STUDIES SHOW THAT OCCUPATIONAL EXPOSURE TO BETA-NAPHTHYLAMINE EITHER ALONE OR WHEN PRESENT AS AN IMPURITY IN OTHER COMPOUNDS IS STRONGLY ASSOCIATED WITH THE OCCURRENCE 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> : GBRSl*,36,,1973 <u>Effective Date</u> : 9DEC1967</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1985</p>
GBR	REG	AIR	OCC	OES	<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 CONCENTRATION NOT EXCEEDING 1%.</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> : GBRSl*,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 : 2-Naphthylamine

RTECS Number : QM2100000

CAS Number : 91-59-8

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> GBR SI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBR SI*,2325,,,1990 <u>Entry / Update :</u> SEP1992</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 CONCENTRATION 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	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> 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>
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 BETA-NAPHTHYLAMINE, LIQUID OR SOLID). UN NO. 1650</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>
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 : 2-Naphthylamine

RTECS Number : QM2100000

CAS Number : 91-59-8

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 = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1650</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>
USA	REC	AIR	OCC	TLV	<p>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.</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>
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	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 : 2-Naphthylamine

RTECS Number : QM2100000

CAS Number : 91-59-8

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	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 : **Naptalam Sodium**RTECS Number : **TH7351000**CAS Number : **132-67-2**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, NAPTALAM, 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>Last Amendment</u> : FEREAC.54,34,7740,1989	<u>Effective Date</u> : 1988 <u>Entry / Update</u> : JAN1992
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Common Name : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>NICKEL METAL; 8H-TWA: 1 MG/M3, POTENTIAL CARCINOGENIC. SOLUBLE NICKEL COMPOUNDS: 8H-TWA: 0.1 MG/M3 (CALCULATED AS NI).</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	EMI	GL	<p>SCHEDULE I - OBJECTIVES FOR SUBSTANCES: MAX.TOTAL CONCENTRATION - 2.0 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,,5957,1979 <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) 0.5 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	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 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 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 NICKEL, 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 : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>METAL - TWA: 1 MG/M3. SOLUBLE COMPOUNDS, AS NI - TWA: 0.1 MG/M3. INSOLUBLE COMPOUNDS, AS NI - TWA: 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> MCH1991</p>
CSK	REG	AQ	SURF	MAC	<p>0.1 MG/L (APPLIES TO NICKEL AND ITS 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	MANUF	OCC	CLASS RQR RSTR	<p>NICKEL ORE PROCESSING, NICKEL PRODUCTION AND RAFFINATION ARE CLASSIFIED AS PROCESSES WITH OCCUPATIONAL CARCINOGENIC RISK. REQUIREMENTS AND RESTRICTIONS ON THE PROCESSES 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	FOOD	-	MPC	<p>LIMITS OF CONTAMINANTS PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.1-8.0 MG/KG (SPECIFIED FOOD PRODUCTS); 0.3 MG/KG (BEVERAGES, GENERAL). (APPLIES TO NICKEL 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	DRINK	MAC	<p>0.1 MG/L (APPLIES ALSO TO 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	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 0.05 MG/L III CLASS: BELOW 0.1 MG/L IV CLASS: BELOW 0.2 MG/L V CLASS: ABOVE 0.2 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 NICKEL 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	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 : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

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	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT) (APPLIES TO NICKEL AND ITS COMPOUNDS EXPRESSED AS NICKEL) <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: 200 MG/KG (APPLIES TO COMPOST COMPONENTS); 50 MG/KG (APPLIES TO 1.CLASS COMPOST); 70 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: 5.0 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.5-15.0 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	OCC	MAC	TWA: 0.05 MG/M3, CLV: 0.25 MG/M3 (CALCULATED AS NI) (APPLIES TO NI AND ITS COMPOUNDS EXCEPT TETRACARBONYLNICKEL) <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
DEU	REC	AIR	OCC	TRK	8H-TWA: 0.5 MG/M3, CALCULATED AS NI IN TOTAL DUST. APPLIES TO NICKEL AS METALLIC NICKEL, NICKEL SULFIDE AND SULFIDE-CONTAINING ORES, NICKEL OXIDE AND NICKEL CARBONATE. 8H-TWA: 0.05 MG/M3, CALCULATED AS NI IN TOTAL DUST. APPLIES TO NICKEL COMPOUNDS IN THE FORM OF INSPIRABLE DROPLETS. IT IS RECOMMENDED THAT THE TRK VALUES BE APPLIED IN GENERAL FOR NICKEL 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> : BNDS06,,2,120,1990 <u>Effective Date</u> : <u>Last Amendment</u> : BNDS06,,11,52,1991 <u>Entry / Update</u> : JAN1992
DEU	REC	AIR	OCC	MAK	DANGER OF SENSITIZATION. CARCINOGENIC WORKING MATERIAL AS SHOWN BY EXPERIENCE WITH HUMANS (GROUP IIIA1). NO MAK VALUE ESTABLISHED. APPLIES TO INSPIRABLE DUSTS/AEROSOLS FROM NICKEL METAL, NICKEL SULFIDE AND SULFIDIC ORES, NICKEL OXIDE AND NICKEL CARBONATE ARISING IN PRODUCTION AND PROCESSING. <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	NICKEL 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 : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

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>NICKEL IN THE FORM OF RESPIRABLE DUSTS/AEROSOLS OF NICKEL METAL, NICKEL SULFIDE AND SULFIDIC ORES, NICKEL OXIDE, NICKEL CARBONATE, AND NICKEL TETRACARBONYL (CALCULATED AS NICKEL) 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	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 NICKEL AND NICKEL COMPOUNDS OF 50 UG/L AND AN ANNUAL AMOUNT OF 2.5 KG. THE CHARGE PER HARMFUL UNIT WHICH CORRESPONDS TO 500 G OF NICKEL AND NICKEL 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,,1,2432,1990 <u>Effective Date</u> : 01JAN1991</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 NICKEL 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 NICKEL 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 NICKEL 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> : 01SEP'1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	AQ	DRINK	MPC	<p>0.05 MG/L (CALCULATED AS NI) CORRESPONDING TO ABOUT 0.9 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,,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	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 NI IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR NI IN NON-FILTERED OR FILTERED WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AT LEAST 1X/YEAR. (REFERENCE METHOD : AAS)</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	- MARIN METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGE INTO SALT WATER (ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES MUST MANDATORILY REQUIRE THE MONITORING OF NI IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IF FOR NI IN NON-FILTERED OR FILTERED SEA WATER AND IN SUSPENDED SOLIDS AT LEAST 3X/YEAR AS WELL AS IN SEDIMENTS AT LEAST 1X/YEAR. (REFERENCE METHOD : AAS)</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>

Common Name : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

Area Type Subject Spec. Description Level / Summary Information :

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	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 NI IN UNFILTERED SURFACE AND GROUND WATER AT LEAST 1X/YEAR. (REFERENCE METHOD : AAS)</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	EMI REMOV	MXL RQR	<p>EMISSION LIMIT VALUES FOR THE SUBSTANCE EMITTED AS A RESULT OF THE COMBUSTION OF WASTE OILS: 1.0 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	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 NEW MUNICIPAL WASTE INCINERATION PLANTS. (APPLIES TO THE SUM OF NICKEL AND ARSENIC).</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	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 AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 50 UG NI/L, GL : - (ATOMIC ABSORPTION) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAJD 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	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STRAGE) 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 NICKEL 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>

Common Name : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	SOIL - USE SLUDGE	EEC AGRIC - - AGRIC	MXL - RQR RSTR	<p>LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SOIL: 30-75 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: 300-400 MG/KG OF DRY MATTER. LIMIT VALUE FOR AMOUNT OF THE SUBSTANCE WHICH MAY BE ADDED ANNUALLY TO AGRICULTURAL LAND: 3KG/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	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 6 TONNES/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>
EEC	REG	SAFTY MONIT	OCC OCC	RQR RQR	<p>IN CASE OF EXPOSURE TO NICKEL AND/OR NICKEL 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. 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 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>

Common Name : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

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 NICKEL 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	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 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>
GBR	REG	AIR	EMI	RSTR	<p>NICKEL CONTAINED IN FUMES OR DUST IS 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>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 0.5 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: 1 MG/M3 - 10 MIN- STEL: 3 MG/M3 - AS NI - (APPLIES TO ORGANIC NICKEL COMPOUNDS)</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	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 TO SOIL (DETERMINED FOR A 10 YEAR PERIOD) SHALL NOT EXCEED 3KG PER HECTARE PER YEAR, AS DETERMINED BY ATOMIC ABSORPTION SPECTROMETRY WITH A LIMIT OF DETECTION OF 10 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 50 MG/KG OF DRY MATTER, FOR PH 5.5 < 6.0, 60 MG/KG OF DRY MATTER, FOR PH 6.0 < 7.0, 75 MG/KG OF DRY MATTER AND FOR PH > 7.0, 110 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.</p> <p><u>Title</u> : THE SLUDGE (USE IN AGRICULTURE) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1263,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE PRODUCTION OF ANY COMPOUND OF NICKEL 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 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,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>50UG NI/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>50UG NI/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	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE NICKEL (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	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 NICKEL AND NICKEL 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	AIR	OCC	MEL	<p>8H-TWA (AS NI): 0.1 MG/M3 FOR INORGANIC COMPOUNDS; 0.5 MG/M3 FOR INORGANIC INSOLUBLE COMPOUNDS</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: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: II = MEDIUM DANGER (WETTED SUBSTANCE)- I = GREAT DANGER (DRY SUBSTANCE). (APPLIES TO METAL CATALYST). UN NO.1378; 2881.</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 : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

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. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 1 T. (APPLIES TO NICKEL (METAL, OXIDES, CARBONATES, SULPHIDE, 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>
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO WATER SOLUBLE NICKEL COMPOUNDS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 10 KG/YEAR (CALCULATED AS NI) 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: 1 MG/M3</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	AQ	AMBI	MPC	<p>0.1 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>
MEX	REG	AQ	AMBI	MPC	<p>0.008 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 NICKEL COMPOUNDS ARE PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1 MG/M3 FOR NICKEL AND 0.1 MG/M3 FOR SOLUBLE NICKEL COMPOUNDS MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.3 MG/M3 FOR SOLUBLE NICKEL COMPOUNDS 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	SOIL	-	MAC	<p>4.0 MG/KG (APPLIES TO MOBILE FORMS OF NICKEL EXTRACTABLE BY AMMONIUM ACETATE BUFFER SOLUTION, PH=4.6).</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 : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS; FISH PRODUCTS: 0.5 MG/KG; MEAT PRODUCTS: 0.5 MG/KG; MILK PRODUCTS: 0.1 MG/KG; CEREALS: 0.5 MG/KG; VEGETABLES, FRUITS: 0.5 MG/KG; BEVERAGES: 0.3 MG/KG (APPLIES TO NICKEL AND ITS COMPOUNDS, CALCULATED AS NICKEL) <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 (AEROSOL) (APPLIES TO NICKEL METAL, ITS OXIDES, SULFIDE AND MIXTURE OF THESE COMPOUNDS) 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	AIR	AMBI	MAC	0.0002 MG/M3 AV/D (CALCULATED AS NICKEL, APPLIES TO WATER SOLUBLE NICKEL SALTS); 0.001 MG/M3 AV/D (APPLIES TO METALLIC NICKEL) <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 : 0.005 MG/M3 (AEROSOL) (APPLIES TO NICKEL SALTS IN FORM OF HYDROAEROSOLS, AS NI). 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	SURFACE WATER FOR FISHING: 0.01 MG/L (APPLIES TO NICKEL AND ITS COMPOUNDS, CALCULATED AS NICKEL) <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 (APPLIES TO NICKEL AND ITS INORGANIC COMPOUNDS, CALCULATED AS NICKEL) 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: 0.5 MG/M3. SENSITIZATION. (APPLIES TO METALLIC NICKEL). 1D-TWA: 0.1 MG/M3. CARCINOGENIC, SENSITIZING. (APPLIES TO SOLUBLE NICKEL COMPOUNDS, NICKEL OXIDE AND NICKEL CARBONATE, CALCULATED AS NI). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL:1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO METAL CATALYSTS, WETTED WITH NOT LESS THAN 40% WATER OR SUITABLE LIQUID (WT/WT) , FINELY DIVIDED. ACTIVATED OR SPENT). UN NO. 1378. <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) 1 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

Common Name : Nickel

RTECS Number : QR5950000

CAS Number : 7440-02-0

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 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	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	-	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 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 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	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 (APPLIES ALSO TO ITS COMPOUNDS)</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>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>
WHO	REC	AQ	DRINK	GL	<p>0.02 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 : Nickel Carbonyl

RTECS Number : QR6300000

CAS Number : 13463-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1 MG/M3 (0.05 PPM) (CALCULATED AS NI).</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.): UN1259. CLASS (6.1): POISONOUS; CLASS (3): FLAMMABLE LIQUIDS. SPECIAL PROVISIONS: 46, 48, 56, 99, 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: 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>
CAN	REG	AIR	OCC	TLV	<p>AS NI, TWA: 0.05 PPM, 0.35 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	AIR	OCC	MAC	<p>TWA: 0.01 MG/M3, CLV: 0.02 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 : Nickel Carbonyl

RTECS Number : QR6300000

CAS Number : 13463-39-3

Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AIR	OCC	TRK	<p>8H-TWA: 0.1 ML/M3; 0.7 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 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>DANGER OF CUTANEOUS ABSORPTION, CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. VAPOUR PRESSURE: 42.8 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>
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>NICKEL IN THE FORM OF RESPIRABLE DUSTS/AEROSOLS OF NICKEL METAL, NICKEL SULFIDE AND SULFIDIC ORES, NICKEL OXIDE, NICKEL CARBONATE, AND NICKEL TETRACARBONYL (CALCULATED AS NICKEL) 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: 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></p> <p><u>Last Amendment :</u> OJEC**,L336,,14,1988 <u>Entry / Update :</u> FEB1992</p>

Common Name : Nickel Carbonyl

RTECS Number : QR630000

CAS Number : 13463-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: O - OXIDIZING; HIGHLY FLAMMABLE (R 11). T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: O - OXIDIZING; T+ - VERY TOXIC; HIGHLY FLAMMABLE (R 11); VERY TOXIC BY INHALATION (R 26); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); 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 (R 26); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 1% TO 7%: T - TOXIC; TOXIC BY INHALATION (R 23); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 0.1 TO 1%: 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	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>
GBR	REG	AIR	OCC	OES	<p>STEL (10 MIN-TWA): 0.24 MG/M3 (0.1 PPM), AS NI.</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. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1259</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 10KG.</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 : Nickel Carbonyl

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CAS Number : 13463-39-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	AIR	OCC	MAC	TWA: 0.007 MG/M3 (0.001 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 0.35 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>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.0005 MG/M3 (AS ND) (VAPOUR) 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
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.007 MG/M3 (0.001 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1259 <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 PPM, 0.12 MG/M3, AS NITHIS 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	7 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,160,1990. <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,160,1990 <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

Common Name : Nickel Carbonyl

RTECS Number : QR6300000

CAS Number : 13463-39-3

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=1 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> 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 SHADED FROM RADIANT HEAT, SEGREGATED AS FOR FLAMMABLE LIQUIDS. OT PERMITTED ON A VESSEL TRANSPORTING EXPLOSIVES EXCEPT THAT QUANTITIES NOT EXCEEDING 200 POUNDS MAY BE TRANSPORTED UNDER CONDITIONS APPROVED BY THE CAPTAIN OF THE PORT. 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.</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 : Nicotine

RTECS Number : QS5250000

CAS Number : 54-11-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.5 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	-	AL	<p>SPECIFIED PLANT PRODUCTS: 2 MG/KG</p> <p><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)</p> <p><u>Reference</u> : VISAB*,2,,172,1979 <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.): UN1654. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 56, 89, 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: 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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 2 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> : 08MCH1979</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>

Common Name : **Nicotine**RTECS Number : **QS5250000**CAS Number : **54-11-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.5 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> MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS INSECTICIDE; ACARICIDE; ANIMAL REPELLENT. (FORMULATION: DUST OR POWDER). (APPLIES TO NICOTINE PRESENT AS ALKALOID OR AS SULPHATE. CODE NIA. 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.07 ML/M3 (PPM); 0.5 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.14 ML/M3 (PPM); 1.0 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN 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	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>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,,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	AIR	OCC	ILV	<p>0,5 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); THE LIMIT VALUE IS 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>

Common Name : **Nicotine**RTECS Number : **QS5250000**CAS Number : **54-11-5**

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 (R 27). T - TOXIC; TOXIC IF SWALLOWED (R 25). LABEL: T+ - VERY TOXIC; TOXIC IF SWALLOWED (R 25); VERY TOXIC IN CONTACT WITH SKIN (R 27); 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	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN NICOTINE 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>
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	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. (APPLIES TO NICOTINE, ITS SALTS AND ITS QUATERNARY COMPOUNDS) (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	AIR	OCC	OES	<p>8H-TWA: 0.5 MG/M3. STEL (10 MIN-TWA): 1.5 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	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. (APPLIES TO NICOTINE, ITS SALTS AND ITS QUATERNARY COMPOUNDS)</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>
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 = 25-5% (SOLID OR LIQUID). (APPLIES TO NICOTINE COMPOUNDS AND PREPARATIONS).</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>

Common Name : **Nicotine**RTECS Number : **QS5250000**CAS Number : **54-11-5**

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.1654. <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 NICOTINE COMPOUNDS OR PREPARATIONS, LIQUID OR SOLID). UN NO. UN NO. 3144; 1655. <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: 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>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 0.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1.5 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO NICOTINE COMPOUNDS, LIQUID, OR NICOTINE PREPARATIONS, LIQUID). UN NO. 3144 <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: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->25% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 25-5% A.I. (SOLID OR LIQUID) (APPLIES TO NICOTINE COMPOUNDS AND PREPARATIONS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> APR1986
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1654. <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 WHEN AI = 100->25%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 25-5% (SOLID OR LIQUID). (APPLIES TO NICOTINE COMPOUNDS AND PREPARATIONS). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986

Common Name : Nicotine

RTECS Number : QS5250000

CAS Number : 54-11-5

Area Type Subject Spec. Description Level / Summary Information :

USA REC SAFTY OCC MXL 35 MG/M3
USE OCC MXL

Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,160,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,160,1990Entry / Update : OCT1991

USA REC AIR OCC TLV

TIME WEIGHTED AVG (TWA) 0.5 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.

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

USA REG CLASS INDST RQR
AIR EMI RQR
AQ EMI 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 (APPLIES TO NICOTINE AND ITS SALTS)

Title : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIESReference : CFRUS*,40,302,4,1990Effective Date : 1990Last Amendment : CFRUS*,40,302,4,1990Entry / Update : SEP1991

USA REG CLASS PESTI RQR
MANUF PESTI PRMT
FOOD ADDIT RQR
AQ GRND RQR
SAFTY OCC RQR

CASE NAME NICOTINE, 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. 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.

Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST BReference : FEREAC,54,100,22706,1989Effective Date : 1988Last Amendment : FEREAC,54,100,22706,1989Entry / Update : JAN1992

USA REG TRNSP - PRMT
PACK CNTRL
LABEL RQR

FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/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.

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 INDST RQR
STORE INDST RQR

TPQ=100 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. (APPLIES TO NICOTINE AND ITS SALTS)

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 : **Nicotine**RTECS Number : **QS5250000**CAS Number : **54-11-5**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>ACUTE HAZARDOUS WASTES (H). 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 NICOTINE AND ITS SALTS)</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>ACUTE HAZARDOUS WASTES (H). CAS NUMBER FOR PARENT COMPOUND.; 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>

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