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United Nations Environment Programme
International Register of Potentially Toxic Chemicals



United Nations

IRPTC

Legal File 1992-1993

Regulations and Guidelines on Chemicals

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Volume 3



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Common Name : Nicotine Sulfate

RTECS Number : QS9625000

CAS Number : 65-30-5

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	FOOD FEED	-	MRL MRL	FRUIT AND VEGETABLES: 1 MG/KG
<u>Title :</u>					
<u>Reference :</u>					
<u>Last Amendment :</u> ALEYP*,18073,,1969					
<u>Effective Date :</u> 27MCH1969					
<u>Entry / Update :</u> MAY1985					
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SOLUTION OR LIQUID. PIN (PRODUCT IDENTIFICATION NO.): UN1658. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 102. PACKINGGROUP 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>Last Amendment :</u>					
<u>Effective Date :</u> 06DEC1990					
<u>Entry / Update :</u> OCT1991					
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SOLID. PIN (PRODUCT IDENTIFICATION NO.): UN1658. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 102. PACKING GROUP II, (I=GREATDANGER, 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 ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.
<u>Title :</u>					
<u>Reference :</u> CAGAAK,124,26,5523,1990					
<u>Last Amendment :</u>					
<u>Effective Date :</u> 06DEC1990					
<u>Entry / Update :</u> OCT1991					
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: 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); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). (APPLIES TO NICOTINE 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>Last Amendment :</u> OJEC**,L 180,,79,1991					
<u>Effective Date :</u> 1JUL1992					
<u>Entry / Update :</u> APR1992					

Common Name : Nicotine Sulfate

RTECS Number : QS9625000

CAS Number : 65-30-5

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. (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>
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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO NICOTINE SULPHATE SOLID OR IN SOLUTION). UN NO.1658.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
RUS	REG	AIR	AMBI	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> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> PDKTV*,,,,1978 <u>Entry / Update :</u> JUN1982</p>
RUS	REG	USE	AGRIC	PRO	<p>PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OSUMH*,,,30MCH,1978 <u>Entry / Update :</u> AUG1988</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 0.1 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: I</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO SOLID NICOTINE SULPHATE OR IN SOLUTION). UN NO.1658.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.5 MG/M3, SKIN /NICOTINE/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 : Nicotine Sulfate

RTECS Number : QS9625000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
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USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	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 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. SOLID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME 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. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=100/10,000 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

Common Name : Nitrates

RTECS Number :

CAS Number : 14797-55-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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CAN	REC	AQ	DRINK	GL MAC	<p>PROPOSED LEVELS SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989 (FOURTH EDITION). MAC: 45.0 MG/L. EQUIVALENT TO 10.0 MG/L NITRATE AS NITROGEN. WHERE NITRATE AND NITRITE ARE DETERMINED SEPARATELY, LEVELS OF NITRITE SHOULD NOT EXCEED 4.5 MG/L (1.0 MG/L AS NITROGEN). THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CSK	REG	FEED	-	MXL	<p>MXL: 1.0 G/KG (APPLIES TO TOTAL FEEDINGSTUFF), 1.0-5.0 G/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS) (EXPRESSED AS KNO3)</p> <p><u>Title :</u> NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference :</u> SZCSR*,25,609,1987 <u>Effective Date :</u> 1JAN1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AQ	SURF	MAC	<p>50.0 MG/L</p> <p><u>Title :</u> GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference :</u> SZCSR*,9,125,1975 <u>Effective Date :</u> APR1975</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	DRINK	MAC	<p>50.0 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	AQ	SURF DRINK	MAC	<p>15.0 MG/L (APPLIES TO DRINKING WATER RESERVE)</p> <p><u>Title :</u> GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION</p> <p><u>Reference :</u> SZCSR*,9,125,1975 <u>Effective Date :</u> APR1975</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 1.0MG/L II CLASS: BELOW 3.4MG/L III CLASS: BELOW 7.0MG/L IV CLASS: BELOW 11.0MG/L V CLASS: ABOVE 11.0MG/L (CALCULATED AS N)</p> <p><u>Title :</u> WATER QUALITY. CLASSIFICATION OF SURFACE WATER QUALITY</p> <p><u>Reference :</u> CSNOR*,757221,,,1989 <u>Effective Date :</u> 01JUL1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>50 MG/L (CALCULATED AS NO3(1-)) CORRESPONDING TO ABOUT 806 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 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>

Common Name : Nitrates

RTECS Number :

CAS Number : 14797-55-8

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 NITRATES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY. 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	USE AQ	AGRIC EMI	RQR RQR	<p>THE OBJECTIVE OF THIS DIRECTIVE IS TO REDUCE WATER POLLUTION CAUSED OR INDUCED BY NITRATES FROM AGRICULTURAL SOURCES AND PREVENT FURTHER SUCH POLLUTION. MEMBER STATES SHALL DESIGNATE "VULNERABLE ZONES" ALL KNOWN AREAS OF LAND IN THEIR TERRITORIES WHICH DRAIN INTO WATERS AFFECTED OR WHICH COULD BE AFFECTED BY POLLUTION. THEY SHALL ESTABLISH A CODE OR CODES OF GOOD AGRICULTURAL PRACTICE INCLUDING TRAINING AND INFORMATION FOR FARMERS AND ACTION PROGRAMMES INCLUDING MONITORING IN RESPECT OF DESIGNATED VULNERABLE ZONES. MEMBER STATES SHALL SUBMIT A REPORT TO THE EC COMMISSION FOR EACH FOUR-YEAR PERIOD.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 CONCERNING THE PROTECTION OF WATERS AGAINST POLLUTION CAUSED BY NITRATES FROM AGRICULTURAL SOURCES (91/676/EEC).</p> <p><u>Reference</u> : OJEC**,L375,,1,1991 <u>Effective Date</u> : 19DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	AQ MONIT	SURF METHD	RQR RQR	<p>THE NITRATE 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 NITRATE CONCENTRATION IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY.</p> <p><u>Title</u> : COUNCIL DECISION OF 12 DECEMBER 1977 ESTABLISHING A COMMON PROCEDURE FOR THE EXCHANGE OF INFORMATION ON THE QUALITY OF SURFACE FRESH WATER IN THE COMMUNITY. (77/795/EEC).</p> <p><u>Reference</u> : OJEC**,L334,,29,1977 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L335,,44,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ AQ MONIT	DRINK DRINK METHD	MAC GL RQR	<p>MAC : 50 MG N03/L, GL : 25 MG N03/L (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>
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 50MG/L NO3, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 50MG/L NO3, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 50MG/L NO3, 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	USE AQ	AGRIC EMI	RSTR RSTR	<p>THIS ORDER DESIGNATES AGRICULTURAL AREAS, WHERE USE ON LAND FOR AGRICULTURAL PURPOSES IS RESTRICTED TO PREVENT OR CONTROL ENTRY OF NITRATE INTO CONTROLLED WATERS.</p> <p><u>Title</u> : THE NITRATE SENSITIVE AREAS (DESIGNATION) ORDER 1990</p> <p><u>Reference</u> : GBRSI*,1013,,1990 <u>Effective Date</u> : 01JUN1990</p> <p><u>Last Amendment</u> : GBRSI*,1187,,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Nitrates

RTECS Number :

CAS Number : 14797-55-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>PRESCRIBES A MAXIMUM ADMISSIBLE CONCENTRATION OF 50MG NO3/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>50MG NO3/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	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 NITRATE EXPRESSED AS NO3- MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE.</p> <p><u>Title</u> : THE NATURAL MINERAL WATERS REGULATIONS 1985</p> <p><u>Reference</u> : GBRSI*,71,,,1985 <u>Effective Date</u> : 21FEB1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1986</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO NITRATES, INORGANIC). UN NO. 1477</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	AQ	DRINK	MXL	<p>THE CONCENTRATION OF NITRITES AND NITRATES, CALCULATED AS THE SUM OF THEIR NITROGEN CONTENT, IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 10 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>
RUS	REG	SOIL	-	MAC	<p>130MG/KG.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : FEB1985</p> <p><u>Last Amendment</u> : PDKCP*,3210-85,,,1985 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	AQ	DRINK	MAC	<p>45.0 MG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1985</p> <p><u>Last Amendment</u> : GOSTS*,2874-82,,,1982 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>45.0 MG/L (CALCULATED AS NO3 ION) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 40.0 MG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,,1978 <u>Entry / Update</u> : SEP1985</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1477</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 : **Nitrates**

RTECS Number :

CAS Number : **14797-55-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. (APPLIES TO NITRATES AND NITRITES)</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>10 MG/L FOR COMMUNITY, NON-TRANSIENT, NON-COMMUNITY, AND TRANSIENT NON-COMMUNITY WATER SYSTEMS 40 CFR 141.62. COMPLIANCE IS CALCULATED PURSUANT TO 40 CFR 141.23. AT THE DISCRETION OF THE STATE, NITRATE LEVELS NOT TO EXCEED 20 MG/L MAY BE ALLOWED IN A NON-COMMUNITY WATER SYSTEM IF THE SUPPLIER OF WATER DEMONSTRATES TO THE SATISFACTION OF THE STATE THAT IT WILL NOT BE AVAILABLE TO CHILDREN UNDER 6 MONTHS OF AGE, A CONTINUOUS POSTING OF THE FACT THAT LEVELS EXCEED 10 MG/L, THE LOCAL AND STATE PUBLIC HEALTH AUTHORITIES WILL BE NOTIFIED ANNUALLY OF NITRATE LEVELS THAT EXCEED 10 MG/L, AND NO ADVERSE HEALTH EFFECTS RESULT. 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. (APPLIES TO NITRATE, AS N)</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	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.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
WHO	REC	AQ	DRINK	GL	<p>50 MG/L FOR NITRATE; 3 MG/L FOR NITRITE; THE SUM OF THE RATIO OF THE CONCENTRATION OF NITRATE AND NITRITE TO THEIR RESPECTIVE GUIDELINE VALUE SHOULD NOT EXCEED 1. NITRATE AND NITRITE ARE 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 : Nitric Acid

RTECS Number : QU5775000

CAS Number : 7697-37-2

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 5 MG/M3 (2 PPM); 15 MIN - STEL: 10 MG/M3 (4 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). <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	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 NITRIC 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	AIR	OCC	TLV	TWA: 2 PPM, 5 MG/M3; STEL: 4 PPM, 10 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	NOT MORE THAN 70% NITRIC ACID. PIN (PRODUCT IDENTIFICATION NO.): UN2031. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 78, 90, 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: 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. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991

Common Name : Nitric Acid

RTECS Number : QU5775000

CAS Number : 7697-37-2

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	NOT MORE THAN 20% NITRIC ACID. PIN (PRODUCT IDENTIFICATION NO.): UN2031. CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 95. PACKINGGROUP 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. <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	MORE THAN 70% NITRIC ACID. PIN (PRODUCT IDENTIFICATION NO.): UN2031. CLASS -. SPECIAL PROVISIONS: 96, 99, 100. 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 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	AIR	OCC	MAC	TWA: 2.5 MG/M3, CLV: 5.0 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 (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
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
DEU	REC	AIR	OCC	MAK	8H-TWA: 2 ML/M3 (PPM); 5 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 4 ML/M3 (PPM); 10 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 : Nitric Acid

RTECS Number : QU5775000

CAS Number : 7697-37-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>FUMING NITRIC ACID IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AQ 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.) APPLIES TO NITRIC ACID EXCEPT FUMING NITRIC ACID. THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR NITRATES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY. 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 DIRECTIVE75/440/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 AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 50 MG N03/L, GL : 25 MG N03/L (OF NITRATES) (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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: O - OXIDIZING; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: O - OXIDIZING; C - CORROSIVE; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8); CAUSES SEVERE BURNS (R 35); 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); WEAR SUITABLE PROTECTIVE CLOTHING (S 36). THE PERCENTAGE CONCENTRATION MUST BE STATED ON THE LABEL. CLASSIFICATION OF PREPARATIONS CONTAINING NITRIC ACID IN CONCENTRATION RANGE: ABOVE 70%: O - OXIDIZING; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). ABOVE 20%: C - CORROSIVE; CAUSES SEVERE BURNS (R 35). FROM 5% TO 20%: C - CORROSIVE; CAUSES BURNS (R 34).</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 : Nitric Acid

RTECS Number : QU5775000

CAS Number : 7697-37-2

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	AQ MONIT	SURF METHD	RQR RQR	THE NITRATE 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 NITRATE CONCENTRATION IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY. <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). <u>Reference :</u> OJEC**,L334,,29,1977 <u>Effective Date :</u> <u>Last Amendment :</u> OJEC**,L335,,44,1986 <u>Entry / Update :</u> OCT1987
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	QUALITY STANDARD FOR NITRATES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 50 MG NO3/L FOR ALL CATEGORIES OF WATER TREATMENT METHODS. GUIDELINE VALUES: 25 MG NO3/L FOR SIMPLE WATER TREATMENT METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES. <u>Title :</u> COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC) <u>Reference :</u> OJEC**,L194,,26,1975 <u>Effective Date :</u> 25JUL1977 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1986
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2PE (APPLIES TO REDFUMING NITRIC ACID) <u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference :</u> GBRSI*,1702,,,1978 <u>Effective Date :</u> 28MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
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 NITRIC ACID. TO FERRIC NITRATE/NITRIC ACID SOLUTION AND TO MIXTURE OF SULPHURIC AND NITRIC ACIDS). <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	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	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2PE (APPLIES TO NITRIC ACID OTHER THAN RED FUMING NITRIC ACID) <u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference :</u> GBRSI*,1702,,,1978 <u>Effective Date :</u> 28MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
GBR	REG	AQ	DRINK	RQR	A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THERELEVANT AUTHORITIES GIVING THE CONCENTRATION OF NITRIC ACID EXPRESSED AS NO3- MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE. (APPLIES TO NITRATE) <u>Title :</u> THE NATURAL MINERAL WATERS REGULATIONS 1985 <u>Reference :</u> GBRSI*,71,,1985 <u>Effective Date :</u> 21FEB1985 <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1986

Common Name : Nitric Acid

RTECS Number : QU5775000

CAS Number : 7697-37-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OR RECOVERY OF NITRIC ACID IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 5 MG/M3 (2 PPM). STEL (10 MIN-TWA): 10 MG/M3 (4 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	-	LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO INORGANIC NITRATES). UN NO. 1477</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: 8 = CORROSIVE. PACKING GROUP: I/II = GREAT DANGER/MEDIUM DANGER. (APPLIES TO NITRIC ACID OTHER THAN RED FUMING - ALL CONCENTRATIONS). UN NO.2031</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: 8 = CORROSIVE. SUBSIDIARY RISK LABELS: OXIDIZING AGENT, POISON. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO NITRIC ACID, RED FUMING). UN NO. 2032</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	LABEL PACK	MARIN	CLASS RQR	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO INORGANIC NITRATES). UN NO. 1477</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	WASTE WASTE	- REMOV	CLASS RQR	<p>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.</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: 5.2 MG/M3 (2 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 : Nitric Acid

RTECS Number : QU5775000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS STARCH MODIFYING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,404,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5 MG/M3 (2 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10 MG/M3 (4 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 2.0 MG/M3 (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	AIR	AMBI	MAC	<p>0.4 MG/M3 1X/D, 0.15 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: 5 MG/M3 (2 PPM); 15 MIN - STEL: 13 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. SUBSIDIARY RISKS: 5.1 = OXIDIZING SUBSTANCE AND 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO NITRIC ACID, RED FUMING). UN NO. 2032</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. (APPLIES TO NITRIC ACID OTHER THAN RED FUMING). UN NO. 2031</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>100 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,160,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,160,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 2 PPM, 5.2 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 4 PPM, 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>

Common Name : Nitric Acid

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>OVER 40%: 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 CORROSIVE MATERIALS AND STOWED AWAY FROM HYDRAZINE SEPARATE FROM DIETHYLENTRIAMINE. 40% OR LESS: 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 STOWED AWAY FROM HYDRAZINE, SEPARATE FROM DIETHYLENTRIAMINE. FUMING: 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 CORROSIVE MATERIALS AND STOWED AWAY FROM HYDRAZINE, SEPARATE FROM DIETHYLENTRIAMINE. 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: 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	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	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>

Common Name : Nitric Acid

RTECS Number : QU5775000

CAS Number : 7697-37-2

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
<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 : Nitric Oxide

RTECS Number :

CAS Number : 10102-43-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA: 30 MG/M3 (25 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: 25 PPM, 30 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	AIR	EMI	MXI	THE EXHAUST EMISSION FROM A VEHICLE POWERED BY A GASOLINE-FUELLED OR DIESEL-FUELLED ENGINE SHALL NOT EXCEED: A) FOR A LIGHT-DUTY VEHICLE, 0.62 G PER VEHICLE KILOMETRE (1.0 G PER VEHICLE MILE) OF OXIDES OF NITROGEN; B) FOR A LIGHT-DUTY TRUCK, WITH A LOADED WEIGHT OF 1701.0 KG OR LESS, 0.75 G PER VEHICLE KILOMETER (1.2 G PER VEHICLE MILE) OR WITH A LOADED WEIGHT OF MORE THAN 1701.0 KG, 1.1G PER VEHICLE KILOMETRE (1.7 G PER VEHICLE MILE) OF OXIDES OF NITROGEN; C) FOR A GASOLINE-FUELLED HEAVY-DUTY VEHICLE HAVING A GVWR OF 6350.3 KG OR LESS, 2.2 G PER MEGAJOULE (6.0 G PER BRAKE HORSEPOWER-HOUR) OF OXIDES OF NITROGEN; D) FOR A GASOLINE-FUELLED HEAVY-DUTY VEHICLE HAVING A GVWR OF MORE THAN 6350.3 KG, 2.2 G PER MEGAJOULE (6.0 G PER BRAKE HORSEPOWER-HOUR) OF OXIDES OF NITROGEN; AND E) FOR A DIESEL-FUELLED HEAVY-DUTY VEHICLE, 2.2 G PER MEGAJOULE (6.0 G PER BRAKE HORSEPOWER-HOUR) OF OXIDES OF NITROGEN. "OXIDES OF NITROGEN" MEANS THE SUM OF THE NITRIC OXIDE AND NITROGEN DIOXIDE THAT WOULD BE CONTAINED IN AGAS IF THE NITRIC OXIDE WERE IN THE FORM OF NITROGEN DIOXIDE. THESE LIMITS ARE PRESCRIBED BY THE MOTOR VEHICLE SAFETY REGULATIONS, WHICH FALL UNDER THE MOTOR VEHICLE SAFETY ACT, ADMINISTERED BY THE DEPARTMENT OF TRANSPORT. THE REGULATIONS SET MAXIMUM MOTOR VEHICLE EXHAUST EMISSIONS, UNDER THE APPROPRIATE TEST METHODS, AND PROHIBIT CRANKCASES CONSTRUCTED OR MAINTAINED SUCH THAT EMISSIONS DEFINED AS "AIR POLLUTANTS" ARE DISCHARGED INTO THE ATMOSPHERE. <u>Title</u> : <u>Reference</u> : GAGAAK,121,13,2297,1987 <u>Effective Date</u> : 01DEC1988 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1660. 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. <u>Title</u> : <u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title</u> : <u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1991

Common Name : Nitric Oxide

RTECS Number :

CAS Number : 10102-43-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED AS PRINCIPLE AIR POLLUTANT</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	EMI	MXL	<p>GENERAL EMISSION LIMITS: 500 MG/M3 (MASS FLOW OF NITROGEN OXIDES EXPRESSED AS NO2 > 10 KG/H); EMISSION LIMITS FOR COMBUSTION OF SOLID FUELS: 650 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR COMBUSTION OF LIQUID FUELS: 450 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR COMBUSTION OF GAS FUELS: 200 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 350 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 500 MG/M3 (ALL LIMITS APPLY TO NITROGEN OXIDES EXPRESSED AS NO2 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	MAC	<p>AVERAGE 30-MIN CONCENTRATION: 200 UG/M3; AVERAGE DAILY CONCENTRATION: 100 UG/M3 (THESE LIMITS CAN BE EXCEEDED < 5% CASES YEARLY); AVERAGE YEARLY CONCENTRATION: 80 UG/M3 (ALL LIMITS APPLY TO NITROGEN OXIDES EXPRESSED AS NO2)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) APPLIES TO NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE). 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>IN AIR EMISSIONS THE CONCENTRATION OF NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE) MUST NOT EXCEED 500 MG/M3 (CALCULATED AS NITROGEN DIOXIDE) AT A MASS FLOW OF >= 5000 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 AIR AIR	EMI EMI EMI	MPC RSTR RQR	<p>MAXIMUM EMISSION VALUES FOR NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE) ARE SET IN CERTAIN TYPES OF INDUSTRIAL PLANTS.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	AIR	EMI	MXL	<p>MAXIMUM LEVELS FOR THE EMISSION OF GASEOUS POLLUTANTS FROM ALL MOTOR VEHICLES EQUIPPED WITH SPARK-IGNITION ENGINES AND FOR THE EMISSION OF GASEOUS AND PARTICULATE POLLUTANTS FROM VEHICLES OF CERTAIN CATEGORIES EQUIPPED WITH COMPRESSION-IGNITION ENGINES ARE LAID DOWN. THE COMBINED MASS OF HYDROCARBONS AND NITROGEN OXIDES EMITTED IN THE TEST VERIFYING THE AVERAGE EMISSION AFTER A COLD START MUST BE LESS THAN 6,5-G/TEST (DEPENDING ON ENGINE CAPACITY). TEST PROCEDURES, SAMPLING AND ANALYSIS METHODS ARE LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1970 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON MEASURES TO BE TAKEN AGAINST AIR POLLUTION BY EMISSIONS FROM MOTOR VEHICLES. (70/220/EEC).</p> <p><u>Reference</u> : OJEC**,L76,,1,1970 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**,L226,,1,1989 <u>Entry / Update</u> : JUL1991</p>

Common Name : Nitric Oxide

RTECS Number :

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF 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	AIR	EMI	MXL	<p>MAXIMUM LEVELS APPLYING TO THE EMISSION OF GASEOUS POLLUTANTS FROM VEHICLES PROPELLED BY DIESEL ENGINES ARE SPECIFIED. THE MASS OF NITROGEN OXIDES (NOX) EMITTED UNDER TEST CONDITIONS SHALL NOT EXCEED 14.4 GRAMS PER KWH. TEST PROCEDURES, SAMPLING AND ANALYSIS METHODS ARE LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1987 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE MEASURES TO BE TAKEN AGAINST THE EMISSION OF GASEOUS POLLUTANTS FROM DIESEL ENGINES FOR USE IN VEHICLES. (88/77/EEC).</p> <p><u>Reference</u> : OJEC**,L36,,33,1988 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUL1991</p>
EEC	REG	AIR	OCC	ILV	<p>30 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 25 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>
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF OXIDES OF NITROGEN AND OTHER NITROGEN COMPOUNDS WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 30MG/M3 (25PPM). STEL(10MIN-TWA): 45MG/M3 (35PPM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS (EXCEPT THE COMBUSTION OR INCINERATION OF CARBONACEOUS MATERIAL) FOR THE MANUFACTURE OF ANY ACID-FORMING OXIDE OF NITROGEN AND ANY OTHER PROCESS WHICH IS LIKELY TO RESULT IN THE RELEASE INTO THE AIR OF ANY ACID-FORMING OXIDE OF NITROGEN IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). UN NO. 1660</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 : Nitric Oxide

RTECS Number :

CAS Number : 10102-43-9

Area Type Subject Spec. Description Level / Summary Information :

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED) SUBSIDIARY RISK LABEL: OXIDIZING AGENT. (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
JPN	REG	AIR	EMI	MXL	STANDARD VALUE: 60-1000 PPM (APPLIES TO NITROGEN OXIDES). VALUE DIFFERS DEPENDING ON TYPE OF 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	AIR	EMI	MPC	PERMISSIBLE LIMITS IN MOTOR VEHICLE EXHAUST GAS. LIMITS DIFFER DEPENDING ON TYPE OF VEHICLE.				
					<u>Title</u> : PERMISSIBLE LIMITS OF MOTOR VEHICLE EXHAUST GAS.				
					<u>Reference</u> :	QEJPN*,,,350-351,1989		<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 (25 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 45 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>Effective Date</u> :	28MAY1984
					<u>Last Amendment</u> :	DOMEX*,,,1989		<u>Entry / Update</u> :	DEC1991
RUS	REG	AIR	AMBI	MAC	0.6 MG/M3 1X/D, 0.06 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	1D-TWA: 30 MG/M3 (25 PPM); 15 MIN - STEL: 60 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: 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. UN NO. 1660				
					<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	100 PPM				
					<u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS				
					<u>Reference</u> :	XPHPAW,90,117,162,1990		<u>Effective Date</u> :	JUN1990
					<u>Last Amendment</u> :	XPHPAW,90,117,162,1990		<u>Entry / Update</u> :	OCT1991

Common Name : Nitric Oxide

RTECS Number :

CAS Number : 10102-43-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 25 PPM, 31 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991
USA	REG	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=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	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. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED POISON 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 : 5-Nitroacenaphthene

RTECS Number : AB1060000

CAS Number : 602-87-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,561,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
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

Common Name : 5-Nitroacenaphthene**RTECS Number :** AB1060000**CAS Number :** 602-87-9

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	CLASS LABEL PACK	CLASS RQR RQR	CLASS RQR RQR	Level / Summary Information
					CLASS: CARC.CAT.2; MAY CAUSE CANCER (R 45). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE (S 44).

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 : Nitrobenzene

RTECS Number : DA6475000

CAS Number : 98-95-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 5 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	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA CONSUMER PRODUCTS CONTAINING 5 PPM WEIGHT/WEIGHT OR MORE NITROBENZENE. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BE OF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,24,4625,1988 <u>Effective Date</u> : 01NOV1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 1 PPM, 5 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1662. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO NITROBENZENE, LIQUID)</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>
CSK	REG	AIR	OCC	MAC	<p>TWA: 5.0 MG/M3; CLV: 25.0 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 : Nitrobenzene

RTECS Number : DA6475000

CAS Number : 98-95-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 1 ML/M3 (PPM); 5 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 2 ML/M3 (PPM); 10 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.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	BAT	<p>BLOOD: 100 UG/L, AS ANILINE RELEASED FROM ANILINE-HAEMOGLOBIN CONJUGATE. SAMPLING TIME FOR LONG-TERM EXPOSURES: AFTER SEVERAL SHIFTS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS 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	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : Nitrobenzene

RTECS Number : DA6475000

CAS Number : 98-95-3

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	AIR	OCC	ILV	5 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 1 PPM (ML/M3) IN AIR; THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. <u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC). <u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993 <u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992
EEC	REG	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); AFTER CONTACT WITHSKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFD 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 7%: 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 1% TO 7%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); DANGER OF CUMULATIVE EFFECTS (R 33). FROM 0.2% TO 1%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); DANGER OF CUMULATIVE EFFECTS (R 33). <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	OES	8H-TWA: 5 MG/M3 (1 PPM). STEL (10 MIN-TWA): 10 MG/ M3 (2 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 B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO MOLTEN O-NITROPHENOL). <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	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	SALE		RSTR	THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS AGRICULTURAL, HORTICULTURAL AND FORESTAL INSECTICIDES (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	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

Common Name : Nitrobenzene

RTECS Number : DA6475000

CAS Number : 98-95-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1662. <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 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: 5 MG/M3 (1 PPM). SKIN ABSORPTION MUST ALSOBE 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 5 MG/M3 (1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10 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
RUS	REG	SAFTY	OCC	MAC	MAXIMUM ALLOWABLE LEVEL OF SKIN CONTAMINATION OF HAND COMING IN CONTACT WITH SUBSTANCE: 2.4 MG/CM3 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDUZK*,4618-88,1988
					<u>Effective Date :</u> MAY1988 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	AMBI	MAC	0.008 MG/M3 1X/D; 0.008 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,1984
					<u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 3.0 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	AQ	SURF	MAC CLASS	0.2 MG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,1988
					<u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990

Common Name : Nitrobenzene

RTECS Number : DA6475000

CAS Number : 98-95-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	1D-TWA: 5 MG/M3 (1 PPM); 15 MIN - STEL: 10 MG/ M3 (2 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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1662. <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	200 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,162,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,162,1990 <u>Entry / Update</u> : OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 PPM, 5.0 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	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	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	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference</u> : FEREAC,47,,26998,1982 <u>Effective Date</u> : 1982 <u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991

Common Name : Nitrobenzene

RTECS Number : DA6475000

CAS Number : 98-95-3

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	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991
USA	REG	AQ AQ	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> FEREC,44,,44502,1979 <u>Effective Date :</u> 1979 <u>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREC,51,,34547,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=10,000 RQ=1,000 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREC,52,,13395,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	2.0 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> 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 : Nitrobenzene

RTECS Number : DA6475000

CAS Number : 98-95-3

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	WASTE 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	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	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. 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 : Nitrofen

RTECS Number : KN8400000

CAS Number : 1836-75-5

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,,1,1196,1988 <u>Effective Date</u> : 29MCH1991 <u>Last Amendment</u> : BGZBAD,,1,796,1991 <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: CARC.CAT.2; MAY CAUSE CANCER (R 45). TERA.CAT.2; MAY CAUSE BIRTH DEFECTS (R 47). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); MAY CAUSE BIRTH DEFECTS (R 47); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). <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
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> : JUL1991
GBR	REC	USE	AGRIC PESTI	PRO	USE AS A HERBICIDE IN AGRICULTURE AND HORTICULTURE WITHDRAWN. REASONS FOR THE CONTROL ACTION: BECAUSE OF THE EVIDENCE OF MUTAGENIC, CARCINOGENIC AND TERATOGENIC HAZARD. <u>Title</u> : CHEMICAL COMPOUNDS USED AS PESTICIDES. RECOMMENDATIONS FOR SAFE USE. <u>Reference</u> : GBCPR*,1462,,,1980 <u>Effective Date</u> : 1981 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985

Common Name : Nitrofen

RTECS Number : KN8400000

CAS Number : 1836-75-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE FOR HERBS TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AQ	SURF	MAC CLASS	4.0 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3 (AEROSOL) HAZ. CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: EMBRYOTOXIC, TERATOGENIC <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Effective Date :</u> <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>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	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 = 0.006 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; 0.01 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	USE	PESTI	PRO	NITROFEN IS BANNED. REASONS FOR THE CONTROL ACTION: BECAUSE OF ITS TERATOGENIC AND CARCINOGENIC EFFECTS ON EXPERIMENTAL ANIMALS. <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,,4,1985 <u>Effective Date :</u> ** 1979 <u>Entry / Update :</u> 1992

Common Name : Nitrofen

RTECS Number : KN8400000

CAS Number : 1836-75-5

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	
		SOIL	EMI	RQR		
		AQ	EMI	RQR		
		MANUF	EMI	RQR		

Effective Date : 1987
Entry / Update : OCT1991

Common Name : Nitrogen

RTECS Number : QW9700000

CAS Number : 7727-37-9

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1977. CLASS (2.2): NON-FLAMMABLE GAS. SPECIAL PROVISIONS: 46, 56. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 50 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 500 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT 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 NITROGEN, REFRIGERATED LIQUID ANDQUID) <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.): UN1066. 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 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 TO NITROGEN, COMPRESSED) <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CSK	REG	AQ	SURF	CLASS	SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.5 MG/L II CLASS: BELOW 1.0 MG/L III CLASS: BELOW 2.5 MG/L IV CLASS: BELOW 3.5 MG/L V CLASS: ABOVE 3.5 MG/L (APPLIES TO ORGANIC NITROGEN,CALCULATED AS N) <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	REG	AQ AQ	EMI EMI	RQR TLV	WASTE WATER CHARGES ARE LEVIED BY THE FEDERAL STATES WHEN WASTE WATER DISCHARGED INTO A WATER BODY EXCEEDS THE THRESHOLD VALUES FOR NITROGEN OF 5 MG/L AND AN ANNUAL AMOUNT OF 125 KG. THE CHARGE PER HARMFUL UNIT WHICH CORRESPONDS TO 25 KG OF NITROGEN 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. <u>Title :</u> SEWAGE CHARGE LAW (ABWASSERABGABENGESETZ) <u>Reference :</u> BGZBAD,,1,2432,1990 <u>Effective Date :</u> 01JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	AQ	DRINK	MPC	1 MG/L (CALCULATED AS N) CORRESPONDING TO ABOUT 71 MMOLE/M3. <u>Title :</u> ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG) <u>Reference :</u> BGZBAD,,1,2612,1990 <u>Effective Date :</u> 01JAN1991 <u>Last Amendment :</u> BGZBAD,,1,227,1991 <u>Entry / Update :</u> DEC1991
EEC	REG	GOODS MONIT	AGRIC METHD	RQR RQR	THE METHODS OF SAMPLING AND ANALYSIS FOR OFFICIAL CONTROLS OF EEC FERTILIZERS CONCERNING DIFFERENT FORMS OF NITROGEN ARE LAID DOWN. <u>Title :</u> COMMISSION DIRECTIVE OF 22 JUNE 1977 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO METHODS OF SAMPLING AND ANALYSIS FOR FERTILIZERS. (77/535/EEC). <u>Reference :</u> OJEC**,L213,,1,1977 <u>Effective Date :</u> 19DEC1977 <u>Last Amendment :</u> OJEC**,L265,,30,1989 <u>Entry / Update :</u> OCT1987

Common Name : Nitrogen

RTECS Number : QW9700000

CAS Number : 7727-37-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF NITROGEN OXIDES AND OTHER NITROGEN COMPOUNDS. <u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC). <u>Reference</u> : OJEC**, L188,,20,1984 <u>Effective Date</u> : 30JUN1987 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	FOOD	-	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	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	REFERENCE METHOD OF MEASUREMENT FOR NITROGEN (EXCEPT IN NO2 AND NO3) IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER (SKJELDAHL METHOD. 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. <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) <u>Reference</u> : OJEC**, L271,,44,1979 <u>Effective Date</u> : 09OCT1981 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987
EEC	REG	AQ MONIT	EMI METHD	MXL RQR	15 MG/L TOTAL NITROGEN FOR 10 000-100 000 P.E. (P.E=POPULATION EQUIVALENT; IT REFERS TO THE ORGANIC BIODEGRADABLE LOAD OF THE WASTE WATER); 10 MG/L TOTAL NITROGEN (MORE THAN 100 000 P.E.); AND/OR AT LEAST 70-80% REDUCTION OF TOTAL NITROGEN FOR DISCHARGES FROM URBAN WASTE WATER TREATMENT PLANTS TO SENSITIVE AREAS WHICH ARE SUBJECT TO EUTROPHICATION. (TOTAL NITROGEN MEANS: THE SUM OF TOTAL KJELDAHL-NITROGEN (ORGANIC N + NH3), NITRATE-NITROGEN AND NITRITE-NITROGEN). THE REFERENCE METHOD OF MEASUREMENT IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY. MONITORING METHODS ARE GIVEN. CRITERIA FOR IDENTIFICATION OF SENSITIVE AND LESS SENSITIVE AREAS ARE SPECIFIED. THIS DIRECTIVE CONCERNS THE COLLECTION, TREATMENT AND DISCHARGE OF URBAN WASTE WATER AND THE TREATMENT AND DISCHARGE OF WASTE WATER FROM CERTAIN INDUSTRIAL SECTORS. <u>Title</u> : COUNCIL DIRECTIVE OF 21 MAY 1991 CONCERNING URBAN WASTE WATER TREATMENT (91/271/EEC). <u>Reference</u> : OJEC**, L135,,40,1991 <u>Effective Date</u> : 31DEC1996 <u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	QUALITY STANDARD FOR KJELDAHL NITROGEN (EXCEPT NO3) IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: GUIDELINE VALUES: 1 MG N/L FOR SIMPLE WATER TREATMENT METHODS, 2 MG N/L FOR NORMAL METHODS AND 3 MG N/L FOR INTENSIVE METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES. <u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC) <u>Reference</u> : OJEC**, L194,,26,1975 <u>Effective Date</u> : 25JUL1977 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
FAW	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	USE; PROCESSING AID; ADI: NO ADI ALLOCATED; MXL: CONCENTRATED GRAPE JUICE, GRAPE JUICE, APPLE JUICE, CONCENTRATED APPLE JUICE, SWEETENED CONCENTRATED LABRUSCA TYPE GRAPE JUICE, BLACK CURRANT JUICE, CONCENTRATED BLACK CURRANT JUICE: LIMITED BY GOOD MANUFACTURING PRACTICE <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1983 <u>Last Amendment</u> : FAOCA*, XIV,,496,1983 <u>Entry / Update</u> : MAY1991

Common Name : Nitrogen

RTECS Number : QW9700000

CAS Number : 7727-37-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>1 MG N/L (KJELDAHL NITROGEN) 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>1 MG N/L (KJELDAHL NITROGEN) 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	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 NITROGEN IN ELEMENTAL OR COMPOUND FORM IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,3,1991 <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 OXIDES OF NITROGEN AND OTHER NITROGEN COMPOUNDS WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	RECL	<p>ASPHYXIANT: MONITORING THE OXYGEN CONTENT OF AIR IS OFTEN THE BEST MEANS OF ENSURING SAFETY, WHEN IN PRESENCE OF ASPHYXIANTS. SPECIAL CONSIDERATION IN APPLICATION TO WORK IN MINES AND QUARRIES. MANY ASPHYXIANTS PRESENT A FIRE OR EXPLOSION RISK AT CONCENTRATIONS WELL BELOW THOSE AT WHICH ASPHYXIATION IS LIKELY TO OCCUR.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: NON-FLAMMABLE COMPRESSED GAS. EMERGENCY ACTION CODE: 2RE (APPLIES TO REFRIGERATED LIQUIDS)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED) (APPLIES TO RARE GASES AND NITROGEN MIXTURES)UN NO.1981</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 : Nitrogen

RTECS Number : QW9700000

CAS Number : 7727-37-9

Area Type Subject Spec. Description Level / Summary Information :

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO COMPRESSED NITROGEN). UN NO. 1066. <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 NITROGEN, REFRIGERATED LIQUID). UN NO. 1977 <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 A PRESSURE DISPENSING 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,,363,1978 <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO NITROGEN, REFRIGERATED LIQUID). UN NO. 1977 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO COMPRESSED NITROGEN). UN NO. 1066. <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 RARE GASES AND NITROGEN MIXTURES)UN NO.1981 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> NOV1990
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	COMPRESSED: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 150 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED NONFLAMMABLE GAS. REFRIGERATED LIQUID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK AND BELOW DECK AWAY FROM HEAT. ALL SHIPMENTS MUST BE LABELED NONFLAMMABLE GAS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Last Amendment :</u> CFRUS*,49,172,101,1990	<u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991

Common Name : Nitrogen Dioxide

RTECS Number : QW9800000

CAS Number : 10102-44-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 6 MG/M3 (3 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	REC	AIR	AMBI	MTC	SCHEDULE I - MAXIMUM TOLERABLE CONCENTRATIONS: 400 TO 1000 MICROGRAMS/M3 (AVERAGE CONCENTRATION OVER A CONTINUOUS 1 HOUR PERIOD); 200 TO 300 MICROGRAMS/M3 (AVERAGE CONCENTRATION OVER A CONTINUOUS 24 HOUR PERIOD). THESE LIMITS ARE PRESCRIBED BY THE AMBIENT AIR QUALITY OBJECTIVE NO. 3, WHICH FALLS UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT, ADMINISTERED BY THE DEPARTMENT OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE. IT SETS MAXIMUM TOLERABLE LIMITS FOR 5 CONTAMINANTS. <u>Title :</u> <u>Reference :</u> CAGAAK,112,21,3929,1978 <u>Effective Date :</u> 27OCT1978 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REC	AIR	EMI	MXL GL	SECTION 5 - BOILER STACK HEIGHT REQUIREMENTS: THE STACK OF A NEW INSTALLATION SHOULD BE DESIGNED SO THAT THE FLUE GASES, CONTAINING AIR CONTAMINANTS LIMITED TO THE LEVELS SPECIFIED IN THIS GUIDELINE, ARE DISCHARGED INTO THE AMBIENT AIR AT SUFFICIENT HEIGHT, VELOCITY AND TEMPERATURE SO AS TO CAUSE A ONE HOUR AVERAGE IMPINGEMENT CONCENTRATION NO GREATER THAN 200 MICROGRAMS PER CUBIC METRE OF AIR. FOR AN EXISTING ESTALLATION, THE ONE HOUR AVERAGE IMPINGEMENT CONCENTRATION IS 400MICROGRAMS PER CUBIC METRE OF AIR. PRESCRIBED BY THE AIR POLLUTION GUIDELINES APPLICABLE TO BOILERS AT FEDERAL ESTABLISHMENTS, WHICH ARE PART OF THE ENVIRONMENTAL PROTECTION SERVICE REPORT SERIES (PUBLISHED BY THE DEPARTMENT OF ENVIRONMENT). THESE GUIDELINES SET FORTH EMISSION LIMITS FOR AIR POLLUTANTS DISCHARGED FROM NEW AND EXISTING BOILERS AT FEDERAL ESTABLISHMENTS. <u>Title :</u> <u>Reference :</u> REPCEU,,,1989 <u>Effective Date :</u> DEC1979 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
CAN	REC	AIR	AMBI	MDC MAC	SCHEDULE I - MAXIMUM DESIRABLE CONCENTRATION: 0 TO 60 MICROGRAMS/M3 ANNUAL ARITHMETIC MEAN. MAXIMUM ACCEPTABLE CONCENTRATIONS: 0 TO 100 MICROGRAMS/M3 ANNUAL ARITHMETIC MEAN; 0 TO 200 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A 24 HOUR PERIOD; 0 TO 400 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A ONE HOUR PERIOD. THESE LIMITS ARE PRESCRIBED BY THE AMBIENT AIR QUALITY OBJECTIVES ORDER NO.2 WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT. <u>Title :</u> <u>Reference :</u> CRCAEL,4,404,2873,1978 <u>Effective Date :</u> 20JAN1975 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	LIQUEFIED OR LIQUID. 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. <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: 3 PPM, 6 MG/M3; STEL: 5 PPM, 10 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991

Common Name : Nitrogen Dioxide

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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,,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	AIR	EMI	MXI	<p>THE EXHAUST EMISSION FROM A VEHICLE POWERED BY A GASOLINE-FUELLED OR DIESEL-FUELLED ENGINE SHALL NOT EXCEED: A) FOR A LIGHT-DUTY VEHICLE, 0.62 G PER VEHICLE KILOMETRE (1.0 G PER VEHICLE MILE) OF OXIDES OF NITROGEN; B) FOR A LIGHT-DUTY TRUCK, WITH A LOADED WEIGHT OF 1701.0 KG OR LESS, 0.75 G PER VEHICLE KILOMETRE (1.2 G PER VEHICLE MILE) OR WITH A LOADED WEIGHT OF MORE THAN 1701.0 KG, 1.1G PER VEHICLE KILOMETRE (1.7 G PER VEHICLE MILE) OF OXIDES OF NITROGEN; C) FOR A GASOLINE-FUELLED HEAVY-DUTY VEHICLE HAVING A GVWR OF 6350.3 KG OR LESS, 2.2 G PER MEGAJOULE (6.0 G PER BRAKE HORSEPOWER-HOUR) OF OXIDES OF NITROGEN; D) FOR A GASOLINE-FUELLED HEAVY-DUTY VEHICLE HAVING A GVWR OF MORE THAN 6350.3 KG, 2.2 G PER MEGAJOULE (6.0 G PER BRAKE HORSEPOWER-HOUR) OF OXIDES OF NITROGEN; AND E) FOR A DIESEL-FUELLED HEAVY-DUTY VEHICLE, 2.2 G PER MEGAJOULE (6.0 G PER BRAKE HORSEPOWER-HOUR) OF OXIDES OF NITROGEN. "OXIDES OF NITROGEN" MEANS THE SUM OF THE NITRIC OXIDE AND NITROGEN DIOXIDE THAT WOULD BE CONTAINED IN A GAS IF THE NITRIC OXIDE WERE IN THE FORM OF NITROGEN DIOXIDE.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GAGAAK,121,13,2297,1987 <u>Effective Date :</u> 01DEC1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED AS PRINCIPLE AIR POLLUTANT</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	EMI	MXL	<p>GENERAL EMISSION LIMITS: 500 MG/M3 (MASS FLOW OF NITROGEN OXIDES EXPRESSED AS NO2 > 10 KG/H); EMISSION LIMITS FOR COMBUSTION OF SOLID FUELS: 650 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR COMBUSTION OF LIQUID FUELS: 450 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR COMBUSTION OF GAS FUELS: 200 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 350 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 500 MG/M3 (ALL LIMITS APPLY TO NITROGEN OXIDES EXPRESSED AS NO2 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	MAC	<p>AVERAGE 30-MIN CONCENTRATION: 200 UG/M3; AVERAGE DAILY CONCENTRATION: 100 UG/M3 (THESE LIMITS CAN BE EXCEEDED < 5% CASES YEARLY); AVERAGE YEARLY CONCENTRATION: 80 UG/M3 (ALL LIMITS APPLY TO NITROGEN OXIDES EXPRESSED AS NO2)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) APPLIES TO NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE). 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 : Nitrogen Dioxide

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>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.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE) MUST NOT EXCEED 500 MG/M3 (CALCULATED AS NITROGEN DIOXIDE) AT A MASS FLOW OF >= 5000 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>
DEU	REG	AIR AIR AIR	EMI EMI EMI	MPC RSTR RQR	<p>MAXIMUM EMISSION VALUES FOR NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE) ARE SET IN CERTAIN TYPES OF INDUSTRIAL PLANTS.</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	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 NITROGEN DIOXIDE: IW1 = 0.08 MG/M3 AND IW2 = 0.20 MG/M3. DETAILED PROCEDURES FOR THE DETERMINATION OF IMMISSION VALUES ARE GIVEN.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Nitrogen Dioxide

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Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF 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	AIR	EMI	MXL	<p>MAXIMUM LEVELS FOR THE EMISSION OF GASEOUS POLLUTANTS FROM ALL MOTOR VEHICLES EQUIPPED WITH SPARK-IGNITION ENGINES AND FOR THE EMISSION OF GASEOUS AND PARTICULATE POLLUTANTS FROM VEHICLES OF CERTAIN CATEGORIES EQUIPPED WITH COMPRESSION-IGNITION ENGINES ARE LAID DOWN. THE COMBINED MASS OF HYDROCARBONS AND NITROGEN OXIDES EMITTED IN THE TEST VERIFYING THE AVERAGE EMISSION AFTER A COLD START MUST BE LESS THAN 6,5-G/TEST (DEPENDING ON ENGINE CAPACITY). TEST PROCEDURES, SAMPLING AND ANALYSIS METHODS ARE LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1970 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON MEASURES TO BE TAKEN AGAINST AIR POLLUTION BY EMISSIONS FROM MOTOR VEHICLES. (70/220/EEC).</p> <p><u>Reference</u> : OJEC**,L76,,1,1970 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**,L226,,1,1989 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	AIR	EMI	MXL	<p>MAXIMUM LEVELS FOR THE EMISSION OF GASEOUS POLLUTANTS FROM ALL MOTOR VEHICLES EQUIPPED WITH SPARK-IGNITION ENGINES AND FOR THE EMISSION OF GASEOUS AND PARTICULATE POLLUTANTS FROM VEHICLES OF CERTAIN CATEGORIES EQUIPPED WITH COMPRESSION-IGNITION ENGINES ARE LAID DOWN. THE MASS OF NITROGEN OXIDES EMITTED IN THE TEST VERIFYING THE AVERAGE EMISSION AFTER A COLD START MUST BE LESS THAN 3,5-0 G/TEST (DEPENDING ON ENGINE CAPACITY). TEST PROCEDURES, SAMPLING AND ANALYSIS METHODS ARE LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1970 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON MEASURES TO BE TAKEN AGAINST AIR POLLUTION BY EMISSIONS FROM MOTOR VEHICLES. (70/220/EEC).</p> <p><u>Reference</u> : OJEC**,L76,,1,1970 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : OJEC**,L226,,1,1989 <u>Entry / Update</u> : JUL1991</p>
EEC	REG	AIR	EMI	MXL	<p>MAXIMUM LEVELS APPLYING TO THE EMISSION OF GASEOUS POLLUTANTS FROM VEHICLES PROPELLED BY DIESEL ENGINES ARE SPECIFIED. THE MASS OF NITROGEN OXIDES (NOX) EMITTED UNDER TEST CONDITIONS SHALL NOT EXCEED 14,4 GRAMS PER KWH. TEST PROCEDURES, SAMPLING AND ANALYSIS METHODS ARE LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1987 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE MEASURES TO BE TAKEN AGAINST THE EMISSION OF GASEOUS POLLUTANTS FROM DIESEL ENGINES FOR USE IN VEHICLES. (88/77/EEC).</p> <p><u>Reference</u> : OJEC**,L36,,33,1988 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUL1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). XI - 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>
EEC	REG	AIR AIR	AMBI AMBI	MXL GL	<p>THE CONCENTRATION OF NITROGEN DIOXIDE MUST NOT EXCEED 200UG/M3 OVER A REFERENCE PERIOD OF ONE YEAR IN ZONES IN WHICH THE MEMBER STATES CONSIDER IT NECESSARY TO LIMIT OR PREVENT AN INCREASE IN POLLUTION BY NITROGEN DIOXIDE. FOR ZONES WHICH THE MEMBER STATES CONSIDER SHOULD BE AFFORDED SPECIAL ENVIRONMENTAL PROTECTION, THEY MAY FIX VALUES WHICH ARE LOWER THAN THE GUIDE VALUES OF 50-135UG/M3. (REFERENCE METHOD OF ANALYSIS: CHEMILUMINESCENCE).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 7 MARCH 1985 ON AIR QUALITY STANDARDS FOR NITROGEN DIOXIDE. (85/203/EEC).</p> <p><u>Reference</u> : OJEC**,L87,,1,1985 <u>Effective Date</u> : 01JUL1987</p> <p><u>Last Amendment</u> : OJEC**,L372,,36,1985 <u>Entry / Update</u> : APR1986</p>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR MONIT	AMBI AMBI	MXL RQR	<p>CONTROL MEASURES MUST BE TAKEN BY THE SECRETARY OF STATE TO ENSURE THAT THE ATMOSPHERIC CONCENTRATION DOES NOT EXCEED THE LIMIT VALUE GIVEN IN ANNEXE I OF THE EC DIRECTIVE 85/203/EEC. MEASURING STATIONS SHALL BE ESTABLISHED AT SITES SELECTED IN ACCORDANCE WITH THE DIRECTIVE, PARTICULARLY WHERE THE LIMIT VALUE IS LIKELY TO BE EXCEEDED, BUT NOT AT PLACES OF WORK OR WITHIN PREMISES.</p> <p><u>Title</u> : THE AIR QUALITY STANDARDS REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,317,,,1989 <u>Effective Date</u> : 31MCH1989</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 OXIDES OF NITROGEN AND OTHER NITROGEN COMPOUNDS WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS (EXCEPT THE COMBUSTION OR INCINERATION OF CARBONACEOUS MATERIAL) FOR THE MANUFACTURE OF ANY ACID-FORMING OXIDE OF NITROGEN AND ANY OTHER PROCESS WHICH IS LIKELY TO RESULT IN THE RELEASE INTO THE AIR OF ANY ACID-FORMING OXIDE OF NITROGEN IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 5 MG/M3 (3 PPM). STEL (10 MIN-TWA): 9 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: OXIDIZING AGENT. (APPLIES TO THE LIQUEFIED SUBSTANCE). UN NO. 1067.</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	AIR	AMBI	MXL	<p>DAILY AVERAGE OF HOURLY VALUES SHALL BE WITHIN THE RANGE OF 0.04 AND 0.06 PPM (0.08 AND 0.11 MG/M3) OR BELOW. (ANALYSIS: COLORIMETRY EMPLOYING SALTZMAN REAGENT)</p> <p><u>Title</u> : ENVIRONMENTAL QUALITY STANDARDS FOR AMBIENT AIR</p> <p><u>Reference</u> : QEJPN*,,,326,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AIR	EMI	MPC	<p>PERMISSIBLE LIMITS IN MOTOR VEHICLE EXHAUST GAS. LIMITS DIFFER DEPENDING ON TYPE OF VEHICLE.</p> <p><u>Title</u> : PERMISSIBLE LIMITS OF MOTOR VEHICLE EXHAUST GAS.</p> <p><u>Reference</u> : QEJPN*,,,350-351,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AIR	EMI	MXL	<p>STANDARD VALUE: 60-1000 PPM (APPLIES TO NITROGEN OXIDES). 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>

Common Name : Nitrogen Dioxide

RTECS Number : QW9800000

CAS Number : 10102-44-0

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 6 MG/M3 (3 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10 MG/M3 (5 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX* ,,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX* ,,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 2.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.085 MG/M3 1X/D, 0.04 MG/M3 AV/D</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> AUG1984</p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 4 MG/M3 (2 PPM); CLV: 10 MG/M3 (5 PPM) (15 MIN -TWA). (WHERE ENGINE-EXHAUST IS THE POLLUTION SOURCE THE FOLLOWING LIMIT APPLIES TO NITROGEN DIOXIDE: 1D-TWA: 2 MG/M3 (1 PPM). THIS AND THE CORRESPONDING LIMIT FOR CARBON MONOXIDE TAKE INTO CONSIDERATION THE COLLECTIVE EFFECT OF ALL SUBSTANCES PRESENT IN EXHAUST FROM PETROL AND LPG FUELED ENGINES USING NITROGEN DIOXIDE AND CARBON MONOXIDE AS INDICATOR SUBSTANCES.)</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISKS: 5.1 = OXIDIZING SUBSTANCE AND 6.1 = POISONOUS SUBSTANCE. (APPLIES TO THE LIQUEFIED SUBSTANCE). UN NO. 1067.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>50 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,164,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,164,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 3 PPM, 5.6 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 5 PPM, 9.4 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 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 : Nitrogen Dioxide

RTECS Number : QW9800000

CAS Number : 10102-44-0

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 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	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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>LIQUID: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. 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.</p> <p><u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. 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. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference :</u> CFRUS*,49,172,101,1984 <u>Effective Date :</u> OCT1991</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>

Common Name : Nitrogen Oxide

RTECS Number : QX1350000

CAS Number : 10024-97-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2201. CLASS (2.2): NON-FLAMMABLE GAS; CLASS (5.1): OXIDIZER. SPECIAL PROVISIONS: 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: 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 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 REFRIGERATED LIQUID.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1 %WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1070. CLASS (2.2): NON-FLAMMABLE GAS; CLASS (5.1): OXIDIZER. SPECIAL PROVISIONS: 102. PACKINGGROUP 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 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 COMPRESSED NITROUS OXIDE.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	FOOD	-	PRMT	<p>PERMITTED AS FOOD ADDITIVE WITHOUT LIMITATION</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Entry / Update :</u> DEC1991</p>
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>

Common Name : Nitrogen Oxide

RTECS Number : QX1350000

CAS Number : 10024-97-2

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF NITROGEN OXIDES AND OTHER NITROGEN COMPOUNDS. <u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC). <u>Reference</u> : OJEC**,L188,,20,1984 <u>Last Amendment</u> : <u>Effective Date</u> : 30JUN1987 <u>Entry / Update</u> : APR1986
EEC	REG	FOOD	INDST	PRMT	THIS SUBSTANCE, PROVIDED IT SATISFIES THE PURITY CRITERIA LAID DOWN, MAY BE USED AS AN EXTRACTION SOLVENT DURING THE PROCESSING OF RAW MATERIALS, OF FOODSTUFFS, OF FOOD COMPONENTS, OR OF FOOD INGREDIENTS. IT SHOULD BE USED IN COMPLIANCE WITH GOOD MANUFACTURING PRACTICE FOR ALL USES: I.E. ITS USE SHOULD RESULT IN THE PRESENCE OF RESIDUES OR DERIVATIVES IN TECHNICALLY UNAVOIDABLE QUANTITIES PRESENTING NO DANGER TO HUMAN HEALTH. <u>Title</u> : COUNCIL DIRECTIVE OF 13 JUNE 1988 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES ON EXTRACTION SOLVENTS USED IN THE PRODUCTION OF FOODSTUFFS AND FOOD INGREDIENTS. (88/344/EEC). <u>Reference</u> : OJEC**,L157,,28,1988 <u>Last Amendment</u> : <u>Effective Date</u> : 13JUN1991 <u>Entry / Update</u> : 1991
F/W	REC	FOOD	-	ADI	THE FOOD USE OF NITROUS OXIDE AS A PROPELLANT IS ACCEPTABLE <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : WHFAAC,20,,281,1985 <u>Effective Date</u> : 1985 <u>Entry / Update</u> : APR1991
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	USE: STABILISER; ADI: NO ADI ALLOCATED; MXL: CREAM: LIMITED BY GOOD MANUFACTURING PRACTICE <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : FAOCA*,XIV,,409,1983 <u>Effective Date</u> : 1983 <u>Entry / Update</u> : MAY1991
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF OXIDES OF NITROGEN AND OTHER NITROGEN 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. <u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference</u> : GBRSI*,472,,1991 <u>Last Amendment</u> : <u>Effective Date</u> : 01APR1991 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO CARBON DIOXIDE AND NITROUS OXIDE MIXTURES). UN NO. 1015 <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.). SUBSIDIARY RISK LABEL: OXIDIZING AGENT. (APPLIES TO NITROUS OXIDE, REFRIGERATED LIQUID). UN NO. 46508. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991

Common Name : Nitrogen Oxide

RTECS Number : QX1350000

CAS Number : 10024-97-2

Area Type Subject Spec. Description Level / Summary Information :

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: OXIDIZING AGENT.(APPLIES TO NITROUS OXIDE, COMPRESSED). UN NO. 1070 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990	<u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
JPN	REG	AIR	EMI	MPC	PERMISSIBLE LIMITS IN MOTOR VEHICLE EXHAUST GAS. LIMITS DIFFER DEPENDING ON TYPE OF VEHICLE. <u>Title :</u> PERMISSIBLE LIMITS OF MOTOR VEHICLE EXHAUST GAS. <u>Reference :</u> QEJPN*,,,350-351,1989 <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
JPN	REG	AIR	EMI	MXL	STANDARD VALUE: 60-1000 PPM (APPLIES TO NITROGEN OXIDES). VALUE DIFFERS DEPENDING ON TYPE OF FACILITY. <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
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS A PRESSURE DISPENSING 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,,363,1978 <u>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
SWE	REG	AIR	OCC	HLV	1D-TWA: 180 MG/M3 (100 PPM); 15 MIN- STEL: 900 MG/M3 (500 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.). (APPLIES TO COMPRESSED NITROUS OXIDE). UN NO. 1069 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO NITROUS OXIDE, REFRIGERATED LIQUID). UN NO. 2201 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO CARBON DIOXIDE AND NITROUS OXIDE MIXTURES). UN NO. 1015 <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) 50 PPM, 90 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 : Nitrogen Oxide

RTECS Number : QX1350000

CAS Number : 10024-97-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	COMPRESSED MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 150 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE IN WELL VENTILATED SPACE FOR UNDER DECK STOWAGE. ALL SHIPMENTS MUST BE LABELED NONFLAMMABLE GAS. REFRIGERATED LIQUID: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM FLAMMABLES AND DO NOT OVERSTOW WITH OTHER CARGO. 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.

Title : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS

Reference : CFRUS*,49,172,101,1984

Effective Date : OCT1991

Last Amendment : CFRUS*,49,172,101,1990

Entry / Update : NOV1991

Common Name : Nitrogen Oxides

RTECS Number :

CAS Number : 11104-93-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	AMBI	MAC	<p>AVERAGE 30-MIN CONCENTRATION: 200 UG/M3; AVERAGE DAILY CONCENTRATION: 100 UG/M3 (THESE LIMITS CAN BE EXCEEDED < 5% CASES YEARLY); AVERAGE YEARLY CONCENTRATION: 80 UG/M3 (ALL LIMITS APPLY TO NITROGEN OXIDES EXPRESSED AS NO2)</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>GENERAL EMISSION LIMITS: 500 MG/M3 (MASS FLOW OF NITROGEN OXIDES EXPRESSED AS NO2 > 10 KG/H); EMISSION LIMITS FOR COMBUSTION OF SOLID FUELS: 650 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR COMBUSTION OF LIQUID FUELS: 450 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR COMBUSTION OF GAS FUELS: 200 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 350 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 500 MG/M3 (ALL LIMITS APPLY TO NITROGEN OXIDES EXPRESSED AS NO2 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>
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.) APPLIES TO NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE). 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>IN AIR EMISSIONS THE CONCENTRATION OF NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE) MUST NOT EXCEED 500 MG/M3 (CALCULATED AS NITROGEN DIOXIDE) AT A MASS FLOW OF >= 5000 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 AIR AIR	EMI EMI EMI	MPC RSTR RQR	<p>MAXIMUM EMISSION VALUES FOR NITROGEN OXIDES (NITROGEN MONOXIDE AND NITROGEN DIOXIDE) ARE SET IN CERTAIN TYPES OF INDUSTRIAL PLANTS.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	AIR 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	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>

Common Name : Nitrogen Oxides

RTECS Number :

CAS Number : 11104-93-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE NITROGEN OXIDES (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>
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 50T.</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	AIR	EMI	MPC	<p>PERMISSIBLE LIMITS IN MOTOR VEHICLE EXHAUST GAS. LIMITS DIFFER DEPENDING ON TYPE OF VEHICLE.</p> <p><u>Title :</u> PERMISSIBLE LIMITS OF MOTOR VEHICLE EXHAUST GAS.</p> <p><u>Reference :</u> QEJPN*,,,350-351,1989 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
JPN	REG	AIR	EMI	MXL	<p>STANDARD VALUE: 60-1000 PPM (APPLIES TO NITROGEN OXIDES). 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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 5MG/M3 (VAPOUR, CALCULATED AS NO2) HAZ. CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
USA	REG	AIR AIR	EMI EMI	RQR MPC	<p>; SUMMARY - LISTED WITH STANDARDS ON THE EMISSION OF ANY AIR POLLUTANT FROM ANY CLASS OF NEW MOTOR VEHICLES WHICH MAY ENDANGER PUBLIC HEALTH OR WELFARE</p> <p><u>Title :</u> CLEAN AIR ACT, 202A, NATIONAL EMISSIONS STANDARDS ACT--MOTOR VEHICLE EMISSIONS AND FUEL STANDARDS</p> <p><u>Reference :</u> XCODE*,42,7521,,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> XCODE*,42,7521,,1990 <u>Entry / Update :</u> SEP1991</p>

Common Name : Nitromethane

RTECS Number : PA9800000

CAS Number : 75-52-5

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 250 MG/M3 (100 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: 100 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". <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.): UN1261. CLASS (3.3): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 48, 90. 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: 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 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	AIR	OCC	MAK	8H-TWA: 100 ML/M3 (PPM); 250 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> 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 WASSERGEFAHRDENE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991

Common Name : Nitromethane

RTECS Number : PA9800000

CAS Number : 75-52-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: HEATING MAY CAUSE AN EXPLOSION (R 5). FLAMMABLE (R 10). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HEATING MAY CAUSE AN EXPLOSION (R 5); FLAMMABLE (R 10); HARMFUL IF SWALLOWED (R 22); IN CASE OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES (S 41). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 12.5%: 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
GBR	REG	AIR	OCC	OES	8H-TWA: 250 MG/M3 (100 PPM). STEL (10 MIN-TWA): 375 MG/M3 (150 PPM) <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1261 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 250 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 375 MG/M3 (150 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV: 30.0 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	0.005 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1261 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990

Common Name : Nitromethane

RTECS Number : PA9800000

CAS Number : 75-52-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REC	SAFTY USE	OCC OCC	MXL MXL	1000 PPM
				<u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS	
				<u>Reference :</u> XPHPAW,90,117,166,1990	<u>Effective Date :</u> JUN1990
				<u>Last Amendment :</u> XPHPAW,90,117,166,1990	<u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 100 PPM. 250 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	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	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>Effective Date :</u> OCT1991
				<u>Last Amendment :</u> CFRUS*,49,172,101,1990	<u>Entry / Update :</u> NOV1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.
				<u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES	
				<u>Reference :</u> FEREAC.47,,26998,1982	<u>Effective Date :</u> 1982
				<u>Last Amendment :</u> CFRUS*,40,712,30,1990	<u>Entry / Update :</u> OCT1991

Common Name : m-Nitrophenol

RTECS Number : SM1925000

CAS Number : 554-84-7

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 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> 31 DEC 1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR 1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL ISOMERS OF NITROPHENOL) <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> MAY 1990 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC 1991
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL NITROPHENOLS) <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> 1 OCT 1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN 1992
DEU	REG	AIR	EMI	MPC	NITROPHENOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H. <u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01 MCH 1986 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO NITROPHENOLS(O-,M-,P-)) UN NO.1663. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,10004,1990 <u>Entry / Update :</u> JAN 1991
RUS	REG	AQ	SURF	MAC CLASS	0.06 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1 JAN 1989 <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL 1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 3.0 MG/M3 (AEROSOL) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> SEPT 1988 <u>Last Amendment :</u> PDKAD*,4696-88,,1988 <u>Entry / Update :</u> MAY 1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO NITROPHENOLS(O-,M-,P-)) UN NO.1663. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Entry / Update :</u> SEP 1982

Common Name : m-Nitrophenol

RTECS Number : SM1925000

CAS Number : 554-84-7

Area Type Subject Spec. Description Level / Summary Information :

UN REC TRNSP - CLASS HAZARD CLASS: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS LABEL PACK SUBSTANCE).(APPLIES TO SUBSTITUTED NITROPHENOL PESTICIDES, LIQUID, TOXIC, FLASH POINT < 23C). UN NO.2780.

Title :Reference :Effective Date :Last Amendment : UNTDG*,15,1989Entry / Update : JUN1986

UN REC TRNSP - CLASS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO SUBSTITUTED NITROPHENOL LABEL PACK PESTICIDES, SOLID, TOXIC). UN NO.2779.

Title :Reference :Effective Date :Last Amendment : UNTDG*,15,1989Entry / Update : JUN1986

USA REG AQ EMI RQR 100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING AQ GRND RQR HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON AQ MARIN RQR THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.

Title : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311Reference : FEREAC,51,,34547,1986Effective Date : 1986Last Amendment : CFRUS*,40,117,3,1991Entry / Update : SEP1991

Common Name : o-Nitrophenol

RTECS Number : SM2100000

CAS Number : 88-75-5

Area Type Subject Spec. Description Level / Summary information :

Area	Type	Subject	Spec.	Description	Level / Summary information
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
GSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL NITROPHENOLS) <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL ISOMERS OF NITROPHENOL) <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	AIR	EMI	MPC	NITROPHENOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H. <u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT) <u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
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. (APPLIES TO MOLTEN O-NITROPHENOL). <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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO NITROPHENOLS, O-, M-, P-). UN NO. 1663 <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: 3.0 MG/M3 (AEROSOL) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> SEPT1988 <u>Last Amendment :</u> PDKAD*,4696-88,,1988 <u>Entry / Update :</u> MAY1990

Common Name : o-Nitrophenol

RTECS Number : SM2100000

CAS Number : 88-75-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.06 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO NITROPHENOLS(O-,M-,P-)). UN NO.1663. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO SUBSTITUTED NITROPHENOL PESTICIDES, SOLID, TOXIC). UN NO.2779. <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: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).(APPLIES TO SUBSTITUTED NITROPHENOL PESTICIDES, LIQUID, TOXIC, FLASH POINT <23C). UN NO.2780. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1986
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	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> FERAC,52,,25947,1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Effective Date :</u> 1987 <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> FERAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <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

Common Name : o-Nitrophenol

RTECS Number : SM2100000

CAS Number : 88-75-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS	INDST	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
		AIR	EMI	RQR	
		AQ	EMI	RQR	

Title : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIESReference : CFRUS*,40,302,4,1990Effective Date : 1990Last Amendment : CFRUS*,40,302,4,1990Entry / Update : SEP1991

Common Name : p-Nitrophenol

RTECS Number : SM2275000

CAS Number : 100-02-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL ISOMERS OF NITROPHENOL)</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) (APPLIES TO ALL NITROPHENOLS)</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	REG	AIR	EMI	MPC	<p>NITROPHENOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS; CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,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). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); DANGER OF CUMULATIVE EFFECTS (R 33); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO NITROPHENOLS(O-,M-,P-)). UN No.1663.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : JAN1991</p>

Common Name : p-Nitrophenol

RTECS Number : SM2275000

CAS Number : 100-02-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE 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	AQ	SURF	MAC CLASS	<p>0.02 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>0.003 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	CLASS	<p>CLV: 1.0 MG/M3 (AEROSOL) HAZ. CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> SEP1988</p> <p><u>Last Amendment :</u> POKAD*,4696-88,,,1988 <u>Entry / Update :</u> MAY1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO NITROPHENOLS(O-,M-,P-)). UN NO.1663.</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: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO SUBSTITUTED NITROPHENOL PESTICIDES, SOLID, TOXIC). UN NO.2779.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> JUN1986</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID, (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).(APPLIES TO SUBSTITUTED NITROPHENOL PESTICIDES, LIQUID, TOXIC, FLASH POINT <23C). UN NO.2780.</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>

Common Name : **p-Nitrophenol**RTECS Number : **SM2275000**CAS Number : **100-02-7****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-NITROPHENOL 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> : FEREC,54,100,22706,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREC,54,100,22706,1989 <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	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	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). APPLIES TO 4-NITROPHENOL AS PARATHION DEGRADATION PRODUCT.</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	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
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 : p-Nitrophenol

RTECS Number : SM2275000

CAS Number : 100-02-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991</p>
USA	REG	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	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 : 2-Nitropropane

RTECS Number : TZ5250000

CAS Number : 79-46-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA: 35 MG/M3 (10 PPM). POTENTIAL CARCINOGEN. <u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference</u> : ARGOB*,24170,J,1,1979 <u>Effective Date</u> : 29MAY1991 <u>Last Amendment</u> : ARGOB*,27145,J,4,1991 <u>Entry / Update</u> : OCT1991
BRA	REG	AIR	OCC	AL	70 MG/M3 (20 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM) <u>Title</u> : SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE) <u>Reference</u> : SMTBR*,3,,,1980 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982
CAN	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	AIR	OCC	TRK	8H-TWA: 5 ML/M3; 18 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>Last Amendment</u> : BNDSD6,,11,52,1991 <u>Entry / Update</u> : JAN1992
DEU	REC	AIR	OCC	MAK	CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. VAPOUR PRESSURE: 1.7 KPA AT 20C. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN 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 INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991

Common Name : 2-Nitropropane

RTECS Number : TZ5250000

CAS Number : 79-46-9

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.

Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)Reference : BGZBAD,,1,1931,1991Effective Date : 15JUN1991Last Amendment :Entry / Update : APR1992

EEC	REG	USE SAFETY MONIT	OCC OCC	RSTR 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.
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Title : 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).Reference : OJEC**,196,,1,1990Effective Date : 31DEC1992Last Amendment :Entry / Update : JUN1992

EEC	REG	CLASS LABEL PACK	-	CLASS RQR	CLASS: FLAMMABLE (R 10). CARC.CAT.2; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); FLAMMABLE (R 10); HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); 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 25%: T - TOXIC; MAY CAUSE CANCER (R 45); HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). FROM 0.1% TO 25%: T - TOXIC; MAY CAUSE CANCER (R 45).
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Title : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCESReference : OJEC**,196,,1,1967Effective Date : 1JUL1992Last Amendment : OJEC**,L 180,,79,1991Entry / Update : APR1992

FW	REC	FOOD	-	ADI	NO ADI ALLOCATED
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Title :Reference :Effective Date : 1990Last Amendment : WHFAAC,26,,187,1990Entry / Update : APR1991

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

GBR	REG	AIR	OCC	OES	8H-TWA: 36 MG/M3 (10 PPM) - 10 MIN- STEL: 72 MG/M3 (20 PPM) (UNDER REVIEW)
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Title : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONSReference : GBRSI*,1657,,10,1988Effective Date : 01JAN1992Last Amendment : GNHSE*,EH40,,11,1992Entry / Update : 1992

Common Name : 2-Nitropropane

RTECS Number : TZ5250000

CAS Number : 79-46-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	8H-TWA: 36 MG/M3 (10 PPM). STEL (10 MIN-TWA): 72 MG/M3 (20 PPM). (TO BE REVIEWED) <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO NITROPROPANES) UN NO.2608. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
MEX	REG	AIR	OCC	MXL	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. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
SWE	REG	AIR	OCC	HLV	1D-TWA: 18 MG/M3 (5 PPM); CLV: 35 MG/M3 (10 PPM) (15 MIN -TWA). 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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO NITROPROPANES) UN NO.2608. <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) 10 PPM, 36 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>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991

Common Name : 2-Nitropropane

RTECS Number : TZ5250000

CAS Number : 79-46-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	SAFTY USE	OCC OCC	MXL MXL	2300 PPM
					<p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,166,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,166,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>IGNITABLE 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	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>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 : N-Nitrosodiethylamine

RTECS Number : IA350000

CAS Number : 55-18-5

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER POISONOUS SOLIDS, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 08DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	USE LABEL STORE	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	AIR	OCC	MAK	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> MPGFDf,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REC	AIR	OCC	TRK	8H-TWA: 0.0025 MG/M3. APPLIES TO THE SUM OF N-NITROSODI-N-BUTYLAMINE, N-NITROSODIETHANOLAMINE, N-NITROSODIETHYLAMINE, N-NITROSODIMETHYLAMINE, N-NITROSODIISOPROPYLAMINE, N-NITROSODI-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 DIMETHYLFORMAMIDE; 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.) <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>Last Amendment :</u> BNDSd6,,11,52,1991 <u>Entry / Update :</u> JAN1992
DEU	REG	GOODS FOOD	- DRINK	MPC MPC	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 SUBSTANCES WHICH AFTER ACIDIFICATION FORM N-NITROSAMINES MAY NOT, UNDER THE SAME CONDITIONS, EXCEED 0.2 MG/KG ELASTOMERS. <u>Title :</u> ORDINANCE ON NITROSAMINES IN COMMODITY GOODS (NITROSAMIN-BEDARFSGEGENSTAENDE-VERORDNUNG) <u>Reference :</u> BGZBAD,,I,1406,1981 <u>Effective Date :</u> 01JAN1982 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : N-Nitrosodiethylamine

RTECS Number : IA3500000

CAS Number : 55-18-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III, EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	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	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 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 : N-Nitrosodiphenylamine

RTECS Number : JJ9800000

CAS Number : 86-30-6

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
DEU	REG	GOODS FOOD	- DRINK	MPC MPC	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 SUBSTANCES WHICH AFTER ACIDIFICATION FORM N-NITROSAMINES MAY NOT, UNDER THE SAME CONDITIONS, EXCEED 0.2 MG/KG ELASTOMERS. <u>Title :</u> ORDINANCE ON NITROSAMINES IN COMMODITY GOODS (NITROSAMIN-BEDARFSGEGENSTAENDE-VERORDNUNG) <u>Reference :</u> BGZBAD,,1,1406,1981 <u>Effective Date :</u> 01JAN1982 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990
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	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG))!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991
USA	REG	AQ AQ	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> FERAC,52,,25947,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991

Common Name : **N-Nitrosodipropylamine**RTECS Number : **JL970000**CAS Number : **621-64-7**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	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	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-NITROSODI-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 DIMETHYLFORMAMIDE; 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> BNDS06,,2,120,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> BNDS06,,11,52,1991 <u>Entry / Update :</u> JAN1992</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,,1,1406,1981 <u>Effective Date :</u> 01JAN1982</p> <p><u>Last Amendment :</u> <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> 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 : N-Nitrosodipropylamine

RTECS Number : JL9700000

CAS Number : 621-64-7

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	<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); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>; SUMMARY - FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	-	RQR	<p>; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981</p> <p><u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	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 : Norbormide

RTECS Number : RB8750000

CAS Number : 991-42-4

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 EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN NORBORMIDE 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 - 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: I =VERY DANGEROUS SUBSTANCE WHEN 100->88%A.I.II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 88->8.8% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 8.8-2.2% A.I.(SOLID) OR 8.8-0.8% 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: I =VERY DANGEROUS SUBSTANCE WHEN 100->88%A.I.II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 88->8.8% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 8.8-2.2% A.I.(SOLID) OR 8.8-0.8% 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 : **Norbormide**RTECS Number : **RB8750000**CAS Number : **991-42-4**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>

Common Name : Octachlor Naphthalene

RTECS Number : QK0250000

CAS Number : 2234-13-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1 MG/M3; 15 MIN - STEL: 0.3 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,,1,1979 <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: 0.1 MG/M3; STEL: 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> MAY1991</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>
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> INSTRUCCION NO. 10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCATIVO 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 (VAPOUR) (APPLIES TO ALL CHLORINATED NAPHTHALENES); HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (VAPOUR) (APPLIES TO CHLORINATED NAPHTHALENES) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.2 MG/M3; 15 MIN - STEL: 0.6 MG/M3, SKIN ABSORPTION. (APPLIES TO ALL CHLORINATED NAPHTHALENES).</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 : **Octachlor Naphthalene**RTECS Number : **QK025000**CAS Number : **2234-13-1**Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 0.3 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. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	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

Common Name : Omethoate

RTECS Number : TF8050000

CAS Number : 1113-02-6

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: 0.01-0.2 MG/KG; SECURITY INTERVAL: 14 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV= LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC 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 = 0.5-2.0 PPM; APPLIES TO DIMETHOATE INCLUDING THE METABOLITE OMETHACATE. 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> 11OCT1984 <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	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 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992

Common Name : Omethoate

RTECS Number : TF8050000

CAS Number : 1113-02-6

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL): 0.2 MG/KG; PLANT (SPECIFIED):0.1-0.4 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> : APR1986
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN OMETHOATE 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	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 INHLATION, 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 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
FW	REC	FOOD FOOD	-	ADI MRL	ADI: 0.0003 MG/KG BW; MRL: CITRUS FRUIT, CURRANTS (BLACK), VEGETABLES (NOT OTHERWISE LISTED): 2 MG/KG; PEPPERS, STRAWBERRIES, TOMATOES: 1 MG/KG (EXPRESSED AS OMETHOATE) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,55-IV,1986 <u>Entry / Update</u> : APR1991
GBR	REG	USE	PESTI	RQR	OVERALLS, RUBBER GLOVES, AND FACE-SHIELD MUSTBE WORN WHEN HANDLING OR COMING INTO CONTACT WITH THE CONCENTRATE. FULL PROTECTIVE CLOTHING, I.E. OVERALLS, 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 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

Common Name : Omethoate

RTECS Number : TF8050000

CAS Number : 1113-02-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Effective Date :</u> 01JAN1986 <u>Entry / Update :</u> FEB1986
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	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>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 BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER. <u>Title :</u> THE POISONS LIST ORDER 1982 <u>Reference :</u> GBRSI*,217,,1,1982 <u>Last Amendment :</u> <u>Effective Date :</u> 1APR1982 <u>Entry / Update :</u> JAN1983
GBR	REG	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 AI = 100 - 25 PERCENT (SOLID) OR 100 - 10 PERCENT (LIQUID). UN NOS. 2783, 2784, 3017, 3018. <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: 0.02-2.0 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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-0.5 MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100 - 25 PERCENT (SOLID) OR 100 - 10 PERCENT (LIQUID). UN NOS. 2783, 2784, 3017, 3018. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,162, <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : Oxamyl

RTECS Number : RP2300000

CAS Number : 23135-22-0

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 RESTRICTED USE AS ACARICIDE (MITE CONTROL), INSECTICIDE, NEMATOCIDE. (FORMULATION: SOLUTION). CODE OXB. 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 DANGEROUS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	USE	PESTI	RSTR	<p>PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED-STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.</p> <p><u>Title :</u> ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1196,1988 <u>Effective Date :</u> 29MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,1,796,1991 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 0.05 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991</p>
GBR	REG	USE	PESTI	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	USE	PESTI	PRMT	<p>APPROVED AS A SYSTEMIC NEMATOCIDE AND INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>

Common Name : Oxamyl

RTECS Number : RP2300000

CAS Number : 23135-22-0

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 <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
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 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 10-2.5% (SOLID) OR 10->1% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOOC*,,,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,,1989 <u>Last Amendment :</u>	<u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
RUS	REG	FOOD		MRL ADI LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1-0.5 MG /KG; ADI = 0.03 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,1987	<u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990

Common Name : Oxamyl

RTECS Number : RP2300000

CAS Number : 23135-22-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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></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: 0.1-3.0 MG/KG (PRELIMINARY) (INCL. ITS OXIME)</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 AI = 100->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 10-2.5% (SOLID) OR 10->1% (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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, OXYAMYL, 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>
USA	REG	SAFTY STORE	INDST INOST	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</p> <p><u>Last Amendment :</u> CFRUS*,40,355,,1990</p> <p><u>Effective Date :</u> 1987</p> <p><u>Entry / Update :</u> OCT1991</p>

Common Name : Oxydemeton-methyl

RTECS Number : TG1420000

CAS Number : 301-12-2

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, DOMESTIC USE AS ACARICIDE; INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE ODM. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
DEU	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 RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF DEMETON-S-METHYL, OXYDEMETON-METHYL, AND DEMETON-S-METHYL SULFONE, CALCULATED AS DEMETON-S-METHYL.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL) : 0.4 MG/KG, CARROTS : 0 MG/KG (LIMITS INCLUDE DEMETON-S-METHYL, DEMETON-S-METHYL SULFONE AND OXYDEMETON-METHYL, CALCULATED AS DEMETON-S-METHYL-SULFONE)</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference :</u> OJEC**,L340,,34,1976 <u>Effective Date :</u> 1978</p> <p><u>Last Amendment :</u> OJEC**,L66,,36,1989 <u>Entry / Update :</u> APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: 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>

Common Name : **Oxydemeton-methyl**RTECS Number : **TG1420000**CAS Number : **301-12-2**Area Type Subject Spec. Description Level / Summary Information :

FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.0003 MG/KG BW (GROUP ADI, APPLYING TO THE SUM OF DEMETON-S-METHYL, DEMETON-S-METHYLSULPHONE AND OXYDEMETON-METHYL); TEMPORARY MRL: ALFALFA FODDER, CLOVER FODDER, MAIZE FODDER AND STRAW, SORGHUM FODDER, SUGARBEET LEAVES, TURNIP LEAVES (USED AS ANIMAL FEED): 5 MG/KG; CURRANTS (BLACK, WHITE, RED), GRAPES: 2 MG/KG; APPLES, CHERRIES, PEACHES, PEPPERS, PLUMS: 1 MG/KG; BLACKBERRIES, CITRUS FRUIT, GOOSEBERRIES, LETTUCE, PEARS, RASPBERRIES, STRAWBERRIES, SUMMER SQUASH: 0.5 MG/KG; BEANS, BRASSICA LEAFY VEGETABLES, CANTALOUPS, CEREAL GRAINS, CUCUMBERS, EGGPLANTS, PEAS, POTATOES, PUMPKINS, TOMATOES, WATERMELONS, WINTER SQUASH: 0.2 MG/KG; BULB VEGETABLES, COTTONSEED, SUGARBEET, TURNIPS: 0.1 MG/KG; MEAT AND FAT OF CATTLE, PIGS, SHEEP AND POULTRY, MILK AND MILK PRODUCTS, NUTS (SHELLED), EGGS: 0.05 MG/KG. (LEVELS REFER TO THE SUM OF DEMETON-S-METHYL, ITS SULPHOXIDE AND SULPHONE EXPRESSED AS DEMETON-S-METHYL).				
<u>Title :</u>									
<u>Reference :</u>								<u>Effective Date :</u>	1989
<u>Last Amendment :</u>					FPPDD,99,65,1989			<u>Entry / Update :</u>	JUL1990
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	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. (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	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	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
GBR	REG	USE	PESTI	RQR	OVERALLS, RUBBER GLOVES, AND FACE-SHIELD MUSTBE WORN WHEN HANDLING OR COMING INTO CONTACT WITH THE CONCENTRATE. FULL PROTECTIVE CLOTHING, I.E. OVERALLS, 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	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.				
<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 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

Common Name : Oxydemeton-methyl

RTECS Number : TG1420000

CAS Number : 301-12-2

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 WHEN 100->93% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 93-23% A.I. (SOLID) OR 93-9% 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->74%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 74-18.5% (SOLID) OR 74-7.4% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
SWE	REG	FOOD	PESTI	MTC	SPECIFIED PLANT PRODUCTS: 0.05-0.5 MG/KG (INCL. DEMETON-S-METHYL, OXYDEMETON-METHYL, AND DEMETON-S-METHYL SULFONE) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,1983 <u>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 100->93% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 93-23% A.I. (SOLID) OR 93-9% A.I. (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, OXYDAMETON-METHYL, 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

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RTECS Number : RS2060000

CAS Number : 7782-44-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1073. CLASS (2.2): NON-FLAMMABLE GAS; CLASS (5.1):OXIDIZER. SPECIAL PROVISIONS: 46, 56, 88, 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 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 REFRIGERATED LIQUID & PRESSURIZED</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.): UN1072. CLASS (2.2): NON-FLAMMABLE GAS; CLASS (5.1): OXIDIZER. SPECIAL PROVISIONS: 100. 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 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 TO COMPRESSED OXYGEN.</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	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: ABOVE 7.0 MG/L II CLASS: ABOVE 6.0 MG/L III CLASS: ABOVE 5.0 MG/L IV CLASS: ABOVE 3.0 MG/L V CLASS: BELOW 3.0 MG/L (APPLIES TO DISSOLVED OXYGEN)</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	REG	AQ	DRINK	PRMT	<p>PERMITTED AS AN ADDITIVE IN DRINKING WATER PROCESSING. MAY ONLY BE USED FOR OXIDATION AND OXYGEN ENRICHMENT.</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	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 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>

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DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ AQ AQ	SURF FRESH MARIN	RQR RQR RQR	<p>QUALITY STANDARD FOR DISSOLVED OXYGEN IN BATHING WATER(EXCEPT WATER INTENDED FOR THERAPEUTIC PURPOSES AND WATER USED IN SWIMMING POOLS): -. GUIDELINE VALUE: 80-120% SATURATION O2. (REFERENCE METHOD: WINKLER'S OR ELECTROMETRY)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	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: 200 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF OXYGEN INCLUDING LIQUID OXYGEN EQUAL OR EXCEED 2000 TONNES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	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 DISSOLVED OXYGEN IN NON-FILTERED WATER AT LEAST 3X/YEAR. (REFERENCE METHOD : ELECTROMETRY OR WINKLER)</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 DISSOLVED OXYGEN SATURATION RATE IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: -. GUIDELINE VALUES : > 70% FOR SIMPLE WATER TREATMENT METHODS, > 50% FOR NORMAL METHODS AND > 30% FOR INTENSIVE METHODS MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)</p> <p><u>Reference</u> : OJEC**L194,,26,1975 <u>Effective Date</u> : 25JUL1977</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	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 DISSOLVED OXYGEN IN NON-FILTERED SEA WATER AT LEAST 3X/YEAR (REFERENCE METHODS : WINKLER OR ELECTROCHEMICAL)</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 : -. GL : -. THE SATURATION VALUE > 75 % (EXCEPT FOR UNDERGROUND WATER) OF DISSOLVED OXYGEN. (WINKLER'S METHOD-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>

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EEC	REG	AQ	MARIN	RQR	<p>QUALITY STANDARDS FOR SHELLFISH WATERS: DISSOLVED OXYGEN $\geq 70\%$ (AVERAGE SATURATION VALUE).GUIDELINE VALUE: $\geq 80\%$ (REFERENCE METHODS: ELECTROCHEMICAL OR WINKLER'S). 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 AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR DISSOLVED OXYGEN IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS WINKLER'S METHOD AND ELECTROCHEMICAL METHOD. LIMIT OF DETECTION, PRECISION AND ACCURACY ASWELL 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 DIRECTIVE75/440/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	FRESH	RQR	<p>QUALITY STANDARD FOR DISSOLVED OXYGEN IN FISH WATERS: I) SALMON-CONTAINING: > 9 MG O₂/L IN 50%. GUIDELINE VALUES: > 7 MG O₂/L IN 100% AND > 9 MG O₂/L IN 50%; II) OTHERS (CARP-CONTAINING): > 7 MG O₂/L IN 50%. GUIDELINE VALUES: > 5 MG O₂/L IN 100% AND > 8 MG O₂/L IN 50%. (REFERENCE METHOD: WINKLER OR ELECTROCHEMICAL). MEMBER STATES SHALL DESIGNATED ARTIFICIAL OR NATURAL FRESH WATERS AS NEEDING PROTECTION ORIMPROVEMENT IN ORDER TO SUPPORT FISH LIFE, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE, AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 18 JULY 1978 ON THE QUALITY OF FRESH WATERS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE. (78/659/EEC).</p> <p><u>Reference</u> : OJEC**,L222,,1,1978 <u>Effective Date</u> : 14AUG1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ MONIT	SURF METHD	RQR RQR	<p>THE DISSOLVED OXYGEN 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 DISSOLVED OXYGEN IS WINKLER'S METHOD AND THE ELECTROCHEMICAL METHOD.</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	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; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8); CAUSES BURNS (R 34); WHEN USING DO NOT SMOKE (S 21). APPLIES TO LIQUID OXYGEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: NON-FLAMMABLE COMPRESSED GAS. EMERGENCY ACTION CODE: 2PE (APPLIES TO REFRIGERATED LIQUID OXYGEN)</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSl*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>

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GBR	REG	USE	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 500 OR MORE TONS OF OXYGEN ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY. (APPLIES TO LIQUID OXYGEN).</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>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 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 200 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 2000 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: OXIDIZING AGENT. (APPLIES TO COMPRESSED OXYGEN AND TO REFRIGERATED LIQUID OXYGEN). UN NO. 1072; 1073</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.). (APPLIES TO CARBON DIOXIDE AND OXYGEN MIXTURES AND TO RARE GASES AND OXYGEN MIXTURES). UN NO. 1014; 1980</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>

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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. SUBSTANCE THRESHOLD LIMITS: (1) FOR APPLICATION OF DUTIES UNDER ITEMS (A) TO (H): 200 T; (2) FOR APPLICATION OF DUTIES UNDER ITEM (J): 2000 T. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 200 T. (APPLIES TO LIQUID OXYGEN).</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO CARBON DIOXIDE AND OXYGEN MIXTURES AND TO RARE GASES AND OXYGEN MIXTURES). UN NOS. 1014; 1980.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK : 5.1 = OXIDIZING SUBSTANCE. (APPLIES TO COMPRESSED OXYGEN AND TO REFRIGERATED LIQUID OXYGEN). UN NO. 1072; 1073</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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>COMPRESSED: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 150 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE IN WELL VENTILATED SPACE FOR UNDER DECK STOWAGE. ALL SHIPMENTS MUST BE LABELED OXIDIZER. REFRIGERATED LIQUID: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE STOWED SEPARATE FROM FLAMMABLES AND DO NOT OVERSTOW WITH OTHER CARGO. 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>

Common Name : Ozone

RTECS Number : RS8225000

CAS Number : 10028-15-6

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 0.2 MG/M3 (0.1 PPM); 15 MIN - STEL: 0.6 MG/M3 (0.3 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (SUBMITTED FOR MODIFICATION). <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REC	AIR	AMBI	MDC MAC	SCHEDULE 1 - MAXIMUM DESIRABLE CONCENTRATIONS: 0 TO 30 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A 24 HOUR PERIOD; 0 TO 100 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A ONE HOUR PERIOD. MAXIMUM ACCEPTABLE CONCENTRATION 0 TO 30 MICROGRAMS/M3 ANNUAL ARITHMETIC MEAN; 30 TO 50 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A 24 HOUR PERIOD; 100 TO 160 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A ONE HOUR PERIOD. THESE LIMITS ARE PRESCRIBED BY THE AMBIENT AIR QUALITY OBJECTIVES ORDER NO.1 WHICH FALLS UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT. <u>Title :</u> <u>Reference :</u> CRCAEL,4,403,2869,1978 <u>Effective Date :</u> 21MAY1974 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REC	AIR	AMBI	MTC	SCHEDULE 1 - MAXIMUM TOLERABLE CONCENTRATION:160 TO 300 MICROGRAMS/M3 (AVERAGE CONCENTRATION OVER A CONTINUOUS 1 HOUR PERIOD). THESE LEVELS ARE PRESCRIBED BY AMBIENT AIR QUALITY OBJECTIVES ORDER NO. 3, WHICH FALLS UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT, ADMINISTERED BY THE DEPARTMENT OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE. IT SETS MAXIMUM TOLERABLE LIMITS FOR 5 CONTAMINANTS. <u>Title :</u> <u>Reference :</u> CAGAAK,112,21,3929,1978 <u>Effective Date :</u> 27OCT1978 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	AIR	OCC	TLV	TWA: 0.1 PPM, 0.2 MG/M3; STEL: 0.3 PPM, 0.6 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	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 AS PRINCIPLE AIR POLLUTANT <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
CSK	REG	AIR	AMBI	MAC	AVERAGE 8-HOUR CONCENTRATION: 160 UG/M3 <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

Common Name : **Ozone**RTECS Number : **RS8225000**CAS Number : **10028-15-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	TWA: 0.1 MG/M3; CLV: 0.2 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	MAK	8H-TWA: 0.1 ML/M3 (PPM); 0.2 MG/M3 (20C, 10).3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 ML/M3 (PPM); 0.4 MG/M3; CEILING VALUE; 8X/SHIFT. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference</u> : MPGFDG,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	AQ AQ	DRINK DRINK	PRMT MPC	PERMITTED AS AN ADDITIVE IN DRINKING WATER PROCESSING. MAY ONLY BE USED FOR DISINFECTION AND OXIDATION. PERMITTED ADDITION: 10 MG/L (CALCULATED AS OZONE) CORRESPONDING TO ABOUT 200 MMOLE/M3. MAXIMUM PERMISSIBLE CONCENTRATION AFTER PROCESSING: 0.05 MG/L (CALCULATED AS OZONE) CORRESPONDING TO ABOUT 1 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.03 MG/L. MAXIMUM PERMISSIBLE CONCENTRATION OF TRIHALOGENATED METHANES (REACTION PRODUCTS): 0.01 MG/L (CALCULATED AS TRIHALOGENATED METHANES); PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.005 MG/L. <u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG) <u>Reference</u> : BGZBAD,,1,2612,1990 <u>Effective Date</u> : 01JAN1991 <u>Last Amendment</u> : BGZBAD,,1,227,1991 <u>Entry / Update</u> : DEC1991
GBR	REG	AIR	OCC	DES	TWA: 0.2 MG/M3 (0.1 PPM). STEL (10 MIN-TWA): 0.6 MG/M3 (0.3 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
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: 0.2 MG/M3 (0.1 PPM) <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>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 0.2 MG/M3 (0.1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.6 MG/M3 (0.3 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10. RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991

Common Name : Ozone

RTECS Number : RS8225000

CAS Number : 10028-15-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	MAC	0.16 MG/M3 IX/D, 0.03 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
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	OCC	HLV	1D-TWA: 0.2 MG/M3 (0.1 PPM); CLV: 0.6 MG/M3 (0.3 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
USA	REC	AIR	OCC	TLV	CEILING LIMIT 0.1 PPM, 0.20 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	10 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,172,1990 <u>Last Amendment :</u> XPHPAW,90,117,172,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
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, 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	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

Common Name : Paraoxon

RTECS Number : TC2275000

CAS Number : 311-45-5

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,,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>VEGETABLES, FRUITS: 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF PARATHION AND PARAOXON.</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	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.5 MG/KG (INCL. PARATHION AND PARAOXON)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : 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>
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- >35% A.I. II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 35- >3.5% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 3.5-0.9% A.I (SOLID) OR 3.5-0.35% A.I. (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>

Common Name : Paraoxon

RTECS Number : TC2275000

CAS Number : 311-45-5

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. 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>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN 100- >35% A.I.II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 35- >3.5% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 3.5-0.9% A.I (SOLID) OR 3.5-0.35% 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
USA	REG	WASTE STORE TRNSP	INDST - REMOV	RQR 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	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	RQR 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

Common Name : Paraoxon-methyl

RTECS Number : TC5250000

CAS Number : 950-35-6

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.2 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF PARATHION-METHYL AND PARAOXON-METHYL.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD.,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD.,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.2 MG/KG (INCL. METHYL PARATHION AND METHYL PARAOXON).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : APR1986</p>

Common Name : Paraquat Dichloride

RTECS Number : DW2275000

CAS Number : 1910-42-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FEED	-	MXL	<p>MXL: 0.01 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.01 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>8H-TWA: 0.1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 MG/M3; CEILING VALUE; 8X/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	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 ADAQUATE 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>
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 PARAQUAT 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 PARAQUAT 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 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 PARAQUAT SALTS). (GBRSI* 218,1,1982 AS LAST AMENDED BYTHE 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: 0.1 MG/M3 OF RESPIRABLE DUST.</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 PARAQUAT 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>

Common Name : Paraquat Dichloride

RTECS Number : DW2275000

CAS Number : 1910-42-5

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: FIBROSIS OF LUNGS AND ACUTE, LETHAL POISONING IN HUMANS. PERSISTENT. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,123-12/1309-,23,23OCT,1986	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, PARAQUAT DICHLORIDE, 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 : Paraquat Ion

RTECS Number : DW1960000

CAS Number : 4685-14-7

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,,1,1979 <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: 0.02-10MG/KG; SECURITY INTERVAL: 1-14 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 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 DOMESTIC, RESTRICTED USE AS HERBICIDE. (FORMULATION: SOLUTION; SUSPENSION; SOLUBLE GRANULES). CODE PAQ. 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
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	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.01MG/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
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE PARAQUAT 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 PARAQUAT OR ITS SALTS 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 PARAQUAT 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 INCIDENCES (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 : Paraquat Ion

RTECS Number : DW1960000

CAS Number : 4685-14-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	USE	PESTI	RSTR	<p>THE APPLICATION IN CORN-GROWING IS PROHIBITED. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF PARAQUAT AND ITS SALTS, CALCULATED AS PARAQUAT.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). 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 SWALLOWED, SEEK MEDICALADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL (S 46). APPLIES TO PARAQUAT AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.05MG/KG (EXPRESSED AS PARAQUAT ION).</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>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI(TEMPORARY): 0.001 MG/KG BW; MRL (TEMPORARY): RICE (IN HUSK): 10 MG/KG; OLIVES (UNPROCESSED): 1 MG/KG; RICE (POLISHED), SORGHUM: 0.5 MG/KG; COTTONSEED, POTATOES: 0.2 MG/KG; MAIZE, SOYA BEANS: 0.1 MG/KG; COTTONSEED OIL (EDIBLE AND REFINED), VEGETABLES: 0.05 MG/KG; MILK: 0.01 MG/KG (EXPRESSED AS PARAQUAT CATION)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,57-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A CONTACT 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>
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 PERCENT; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40 - 8 PERCENT (SOLID OR LIQUID). UN NOS. 2781, 2782, 3015, 3016.</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 : Paraquat Ion

RTECS Number : DW1960000

CAS Number : 4685-14-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.05-1.0 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.1MG/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	REC	FOOD EXPRT IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.05-0.1MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : MDUPE*,3081-84,,,1984 <u>Entry / Update</u> : OCT1985</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES : 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	USE	PESTI	PRO	<p>SUSPENDED BECAUSE OF ITS HIGH ACUTE TOXIC EFFECTS AND IRREVERSIBLE EFFECTS AND IMMINENT RISK FOR ACCIDENTS.</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*,,,1771 <u>Effective Date</u> : ** 1971</p> <p><u>Last Amendment</u> : SVENF*,1985:426,,4,1985 <u>Entry / Update</u> : 1992</p>

Common Name : Paraquat Ion

RTECS Number : DW1960000

CAS Number : 4685-14-7

Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100 -> 40 PERCENT; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 40 - 8 PERCENT (SOLID OR LIQUID). UN NOS. 2781, 2782, 3015, 3016.	
					<u>Title :</u>	
					<u>Reference :</u>	<u>Effective Date :</u>
					<u>Last Amendment :</u> UNTDG*,162,	<u>Entry / Update :</u> AUG1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 MG/M3 /PARAQUAT, RESPIRABLE SIZES/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	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.5 MG/M3 TOTAL DUST; 0.1 MG/M3 RESPIRABLE FRACTION; 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>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=10/10,000 RQ=1; SUMMARY - THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.	
					<u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES	
					<u>Reference :</u> FEREAC,52,,13395,1987	<u>Effective Date :</u> 1987
					<u>Last Amendment :</u> CFRUS*,40,355,,1990	<u>Entry / Update :</u> OCT1991

Common Name : Parathion

RTECS Number : TF4550000

CAS Number : 56-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	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
ARG	REG	FEED	-	MXL	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: 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>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD FEED USE USE	- - AGRIC CONSM	AL AL PRMT PRO	SPECIFIED PLANT PRODUCTS: 0.01-1 MG/KG; SECURITY INTERVAL: 15-30 DAYS; SPECIFIED PLANT PRODUCTS: 0.5-1 MG/KG (SECURITY INTERVAL: 15 DAYS; IN THE CASE OF FORAGE-APPLICATION ANIMALS MUST BE KEPT AWAY FOR 30 DAYS); 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	MAC GL	MAC: 0.05 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>Last Amendment :</u> <u>Effective Date :</u> 1989 <u>Entry / Update :</u> NOV1991
CAN	REG	AIR	OCC	TLV	TWA: 0.1 MG/M3; SKIN ABSORPTION. PRESCRIBEDBY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <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	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED USE ASACARICIDE, INSECTICIDE. (FORMULATION: DUST OR POWDER; EMULSIFIABLE CONCENTRATE OR EMULSION; WETTABLE POWDER). CODE PTH. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS AREADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 11AUG1988 <u>Entry / Update :</u> JUN1991

Common Name : Parathion

RTECS Number : TF4550000

CAS Number : 56-38-2

Area Type Subject Spec. Description Level / Summary Information :

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 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 PARATHION 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	TRNSP LABEL PACK	-	CLASS RQR	DRY. 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 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 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 = 0.7-1.0 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 26JUN1981 <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: 0.5-1.0 MG/KG. <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986 <u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	BAT	URINE: 500 UG/L AS P-NITROPHENOL. ERYTHROCYTES: REDUCTION OF ACTIVITY OF ACETYLCHOLINE ESTERASE TO 70 % OF REFERENCE VALUE. SAMPLING TIME 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 ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGFDF,XXVII,,99,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> FEB1992
DEU	REC	AQ USE	-	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 : Parathion

RTECS Number : TF4550000

CAS Number : 56-38-2

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). DANGER OF CUTANEOUS ABSORPTION. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOXIC EFFECTS. 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	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	USE	PESTI	RSTR	<p>THE APPLICATION IN CORN-GROWING IN A QUANTITY OF MORE THAN 250 G OF ACTIVE INGREDIENT PER HECTARE AND VEGETATION PERIOD IS PROHIBITED. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>VEGETABLES, FRUITS: 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF PARATHION AND PARAOXON.</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 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>

Common Name : Parathion

RTECS Number : TF4550000

CAS Number : 56-38-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ	DRINK	RQR	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 DIRECTION AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES. <u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC) <u>Reference</u> : OJEC**L194,,26,1975 <u>Effective Date</u> : 25JUL1977 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL) : 0.5 MG/KG (INCL. PARATHION AND PARAOXON) <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
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN PARATHION 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	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
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	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. <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) <u>Reference</u> : OJEC**L271,,44,1979 <u>Effective Date</u> : 09OCT1981 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987
FW	REC	FOOD FOOD	-	ADI MRL	ADI: 0.005 MG/KG BW; MRL: APRICOTS, CITRUS FRUIT, PEACHES: 1 MG/KG; VEGETABLES (EXCEPT CARROTS): 0.7 MG/KG; OTHER FRUIT: 0.5 MG/KG (EXPRESSED AS PARATHION) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,58-IV,1986 <u>Entry / Update</u> : APR1991

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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> GBR SI*,1148,,1989 <u>Effective Date :</u> 01SEP1989</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> 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 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> GBR SI*,1378,,1988 <u>Effective Date :</u> 02AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> 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	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> GBR SI*,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> GBR SI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986</p>
GBR	REG	SALE		RSTR	<p>THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY (GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1986</p> <p><u>Last Amendment :</u> GBR SI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986</p>

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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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->40%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 40->4%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 4-1% (SOLID) OR 4-0.4% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <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 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 COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.1 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	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 PHOSPHORUS 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS : ND - 0.3 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	EMI	MXL	<p>MAXIMUM LIMIT: 1 MG/L OF ORGANIC PHOSPHORUS 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>

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KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.5-1.0 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 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
MEX	REG	AQ	AMBI	MPC	0.01 MG/L IN ESTUARIES <u>Title :</u> DIARIO OFICIAL <u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982
MEX	REG	AQ	AMBI	MPC	1.0 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	AQ	SURF	MAC CLASS	3 UG/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 ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.ADI = 0.005 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1983 <u>Last Amendment :</u> MDUPP*,2823-83,,1983 <u>Entry / Update :</u> OCT1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.05 MG/M3 (AEROSOL) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,02FEB,1972 <u>Entry / Update :</u> AUG1988
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.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> MAY1991
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.1-1.0 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

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SWE	REG	USE	PESTI	PRO	<p>SUSPENDED BECAUSE OF ITS HIGH ACUTE TOXICITY.</p> <p><u>Title</u> : DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3. STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..."</p> <p><u>Reference</u> : NPPBD*,,,1971 <u>Effective Date</u> : ** 1971</p> <p><u>Last Amendment</u> : SVENF*,1985:426,4,1985 <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->40%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 40->4%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 4-1% (SOLID) OR 4-0.4% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <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>20 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,172,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,172,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.1 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	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	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 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>

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RTECS Number : TF4550000

CAS Number : 56-38-2

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	USE SAFETY	PESTI PESTI	RSTR CNTRL	<p>ALL GRANULAR AND DUST FORMULATIONS WITH ETHYL PARATHION GREATER THAN 2 PERCENT ARE RESTRICTED FOR ALL USES. ALL FERTILIZER FORMULATIONS, WETTABLE POWDERS, EMULSIFIABLE CONCENTRATES, CONCENTRATED SUSPENSIONS, AND CONCENTRATED SOLUTIONS OF ETHYL PARATHION ARE RESTRICTED FOR ALL USES. SMOKE FUMIGANTS OF ETHYL PARATHION ARE RESTRICTED FOR ALL USES. DUST AND GRANULAR FORMULATIONS WITH ETHYL PARATHION OF 2% AND BELOW 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	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	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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>COMPRESSED GAS MIXTURE: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK AND BELOW DECK AWAY FROM HEAT. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED POISON GAS. LIQUID: 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 DECK AND BELOW DECK AWAY FROM HEAT. 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 AND PASSENGER VESSELS ON DECK AND BELOW DECK AWAY FROM HEAT. ALL SHIPMENTS MUST BE LABELED POISON. MIXTURE LIQUID: 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 DECK AND BELOW DECK AWAY FROM HEAT WITH 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 : Parathion

RTECS Number : TF4550000

CAS Number : 56-38-2

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	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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL GRANULAR AND DUST FORMULATIONS WITH ETHYL PARATHION GREATER THAN 2 PERCENT ARE RESTRICTED FOR ALL USES. ALL FERTILIZER FORMULATIONS, WETTABLE POWDERS, EMULSIFIABLE CONCENTRATES, CONCENTRATED SUSPENSIONS, AND CONCENTRATED SOLUTIONS OF ETHYL PARATHION ARE RESTRICTED FOR ALL USES. SMOKE FUMIGANTS OF ETHYL PARATHION ARE RESTRICTED FOR ALL USES. DUST AND GRANULAR FORMULATIONS WITH ETHYL PARATHION OF 2% AND BELOW 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 MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, ETHYL PARATHION, 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 : Parathion-methyl

RTECS Number : TG0175000

CAS Number : 298-00-0

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 0.2 MG/M3. SKIN ABSORPTION. <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,,1,4,1991 <u>Entry / Update :</u> OCT1991
ARG	REG	LABEL	-	RQR	TO INCLUDE IN THE LABEL "INSECTICIDE DANGEROUS TO BEES" <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> ARESA*,21/57,,, <u>Entry / Update :</u> MAY1985
ARG	REG	FOOD FEED	-	MRL MRL	FOODSTUFF: 0.5-1 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 27MCH1969 <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Entry / Update :</u> MAY1985
BRA	REG	FOOD FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-1.0 MG/KG; SECURITY INTERVAL: 15-30 DAYS; SPECIFIED PLANT PRODUCTS: 0.5 MG/KG; SECURITY INTERVAL: 15 DAYS, IN THE CASE OF FORAGE- APPLICATION THE ANIMALS MUST BE KEPT AWAY FOR 30 DAYS; PROVISIONAL TOXICITY CLASS: I (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	TRNSP LABEL PACK	-	CLASS RQR	DRY. 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 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 METHYL PARATHION 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	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 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 METHYL PARATHION 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 : Parathion-methyl

RTECS Number : TG0175000

CAS Number : 298-00-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
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	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: 0.05 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>
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	USE	PESTI	RSTR	<p>THE APPLICATION IN CORN-GROWING IN A QUANTITY OF MORE THAN 250 G OF ACTIVE INGREDIENT PER HECTARE AND VEGETATION PERIOD IS PROHIBITED. 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 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 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF PARATHION-METHYL AND PARAOXON-METHYL.</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 : Parathion-methyl

RTECS Number : TG0175000

CAS Number : 298-00-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.2 MG/KG (INCL. METHYL PARATHION AND METHYL PARAOXON)</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 PARATHION-METHYL ARE CLASSIFIED INTO CLASS IAI.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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24). LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN (R 24); VERY TOXIC IF SWALLOWED (R 28); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER (S 28); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
FAW	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.02 MG/KG BW; MRL: CANTALOUPE, COLE CROPS, CUCUMBERS, FRUIT (OTHER), MELONS, TEA (FERMENTED AND DRIED), TOMATOES; 0.2 MG/KG; COTTONSEED OIL, HOPS (DRIED), SUGAR BEETS: 0.05 MG/KG (EXPRESSED AS PARATHION-METHYL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,59-IV,1986 <u>Entry / Update</u> : APR1991</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.2 MG/M3. STEL (10 MIN-TWA): 0.6 MG/M3. SKIN ABSORPTION</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 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>

Common Name : Parathion-methyl

RTECS Number : TG0175000

CAS Number : 298-00-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,,1990 <u>Entry / Update</u> : SEP1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- > 12%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 12-3% (SOLID) OR 12-1.2% (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 COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REPNOSABILITIES 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>

Common Name : Parathion-methyl

RTECS Number : TG0175000

CAS Number : 298-00-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	AQ	AMBI	MXL	STANDARD VALUE (MAXIMUM VALUE): NOT DETECTABLE. (APPLIES TO ORGANIC PHOSPHOROUS COMPOUNDS: PARATHION, METHYL PARATHION, METHYL DEMETON, AND EPN) <u>Title</u> : ENVIRONMENTAL QUALITY STANDARD FOR WATER <u>Reference</u> : QEJPN*,337,1989 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
JPN	REG	AQ	DRINK	MXL	CERTAIN ORGANIC PHOSPHORUS 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. <u>Title</u> : THE WATER WORKS LAW <u>Reference</u> : JPNWW*,1957 <u>Effective Date</u> : 16JUL1958 <u>Last Amendment</u> : JPNWW*,1979 <u>Entry / Update</u> : DEC1991
JPN	REG	AQ	EMI	MXL	MAXIMUM LIMIT: 1 MG/L OF ORGANIC PHOSPHORUS COMPOUNDS (PARATHION, METHYL-PARATHION, METHYL-DEMETON AND EPN ONLY). <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	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.05-1.0 MG/KG. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,410,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.2 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.6 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	FEED	-	MRL PRO	0.0 MG/KG (DAIRY CATTLE); 0.5 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	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
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS.ADI = 0.001 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JUN1983 <u>Last Amendment</u> : MDUPP*,2823-83,,1983 <u>Entry / Update</u> : OCT1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.1 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: 1 <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

Common Name : Parathion-methyl

RTECS Number : TG0175000

CAS Number : 298-00-0

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	SOIL	-	MAC	0.1 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	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE: PROHIBITED FOR USE ON CABBAGE, WATER-MELONS, MELONS, SQUASH, CLARY SAGE AND VINES. REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC, IMMEDIATELY ABSORBED THROUGH THE SKIN, TERATOGENIC, EMBRYOTOXIC, IMPAIRS THEREPRODUCTIVE FUNCTION. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,21MCH,1986	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS. ADI = 0.001 MG/KG BW. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,1987	<u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.1-0.5 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->12%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 12-3% (SOLID) OR 12-1.2% (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) 0.2 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	ALL DUST AND GRANULAR FORMULATIONS WITH METHYL PARATHION OF LESS THAN 5 PERCENT ARE RESTRICTED FOR ALL USES. MICROENCAPSULATED METHYL PARATHION IS RESTRICTED FOR ALL USES. ALL DUST AND GRANULAR FORMULATIONS WITH METHYL PARATHION OF 5 PERCENT AND GREATER ARE RESTRICTED FOR ALL USES. ALL WETTABLE POWDERS AND LIQUID FORMULATIONS OF METHYL PARATHION 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> FEREAC,43,,5790,1978	<u>Effective Date :</u> 1978 <u>Entry / Update :</u> JAN1992

Common Name : **Parathion-methyl**RTECS Number : **TG0175000**CAS Number : **298-00-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, METHYL PARATHION, 1986. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	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	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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL DUST AND GRANULAR FORMULATIONS WITH METHYL PARATHION OF LESS THAN 5 PERCENT ARE RESTRICTED FOR ALL USES. MICROENCAPSULATED METHYL PARATHION IS RESTRICTED FOR ALL USES. ALL DUST AND GRANULAR FORMULATIONS WITH METHYL PARATHION OF 5 PERCENT AND GREATER ARE RESTRICTED FOR ALL USES. ALL WETTABLE POWDERS AND LIQUID FORMULATIONS OF METHYL PARATHION 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	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>

Common Name : Parathion-methyl

RTECS Number : TG0175000

CAS Number : 298-00-0

Area Type Subject Spec. Description Level / Summary Information :

USA REG SAFTY INDST RQR
STORE INDST RQR

TPQ=100/10,000 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.

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

Reference : FEREC,52,,13395,1987 Effective Date : 1987
Last Amendment : CFRUS*,40,355,,1990 Entry / Update : OCT1991

USA REG AQ EMI RQR
AQ GRND RQR
AQ MARIN 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.

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

Reference : FEREC,51,,34547,1986 Effective Date : 1986
Last Amendment : CFRUS*,40,117,3,1991 Entry / Update : SEP1991

USA REG TRNSP - PRMT
PACK CNTRL
LABEL RQR

LIQUID: 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 DECK AND BELOW DECK AWAY FROM HEAT. ALL SHIPMENTS MUST BE LABELED POISON. DRY MIXTURE: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. LIQUID MIXTURE, CONTAINING 25% OR LESS METHYL PARATHION: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 0.5 PINT/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. LIQUID MIXTURE, OVER 25% METHYL PARATHION: 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.

Title : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS

Reference : CFRUS*,49,172,101,1984 Effective Date : OCT1991
Last Amendment : CFRUS*,49,172,101,1990 Entry / Update : NOV1991

Common Name : PBB (Firemaster BP-6)

RTECS Number : LK5060000

CAS Number : 59536-65-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE MANUF SALE IMPRT	INDST	PRO	<p>IT IS PROHIBITED TO MANUFACTURE, USE, PROCESS, OFFER FOR SALE, SELL, OR IMPORT POLYBROMINATED BIPHENYLS THAT HAVE THE MOLECULAR FORMULA C12H10-NBRN WHERE N > 2, FOR ANY COMMERCIAL MANUFACTURING OR PROCESSING PURPOSE. THIS PROHIBITIONS IS PRESCRIBED BY THE POLYBROMINATED BIPHENYLS REGULATIONS, 1989, WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE).</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,5,787,1990 <u>Effective Date :</u> 15FEB1990</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 SUBSTANCES ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCES 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 SUBSTANCES 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 INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
EEC	REG	USE GOODS	- CONSM	PRO PRO	<p>MAY NOT BE USED IN TEXTILE ARTICLES, SUCH AS GARMENTS, UNDER-GARMENTS AND LINEN INTENDED TO COME INTO CONTACT WITH THE SKIN.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference :</u> OJEC** L262,,201,1976 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> OJEC**,L363,,36,1991 <u>Entry / Update :</u> 1992</p>
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 POLYHALOGENATED BIPHENYLS, TERPHENYLS AND NAPHTHALENES WHICH ARE PRESCRIBED SUBSTANCES. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EEC 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>
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,,1,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>

Common Name : PBB (Firemaster BP-6)

RTECS Number : LK5060000

CAS Number : 59536-65-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
UN	REG	WASTE EXPRT IMPRT		RSTR RQR RQR	WASTE SUBSTANCES AND ARTICLES CONTAINING OR CONTAMINATED WITH POLYCHLORINATED BIPHENYLS (PCBS) AND/OR POLYCHLORINATED TERPHENYLS (PCTS) AND/OR POLYBROMINATED BIPHENYLS (PBBS) UNLESS THEY DO NOT POSSESS ANY OF THE CHARACTERISTICS LISTED IN ANNEX III, 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 IN 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.

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

Common Name : PBB (Firemaster FF1)

RTECS Number : LK5065000

CAS Number : 67774-32-7

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	USE	OCC	RQR	Description
		STORE LABEL			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.

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

Common Name : PCB

RTECS Number : TQ1350000

CAS Number : 1336-36-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REC	AQ	DRINK	GL MAC	<p>TABLE 2 - UNDER REVIEW FOR POSSIBLE ADDITION TO THE GUIDELINES. 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	REC	WASTE STORE TRNSP LABEL	EMI REMOV	RSTR	<p>APPENDIX E - FEDERAL AND PROVINCIAL REGULATIONS RELATING TO PCBs - INTERIM ENVIRONMENTAL QUALITY OBJECTIVES FOR PCBs IN AIR, WATER AND SOIL: AMBIENT AIR - ANNUAL AVERAGE CONCENTRATION OF PCBs=35 NG/M3; 24 HOUR AVERAGE CONCENTRATION OF PCBs=150 NG/M3;0.5 HOUR AVERAGE CONCENTRATION OF PCBs=450 NG/M3. AMBIENT WATER - PCB CONCENTRATION=1 NG/L. SOIL - AGRICULTURAL, CONCENTRATION OF PCBs=0.5 PPM; NON-AGRICULTURAL (RESIDENTIAL/PUBLIC ACCESS), CONCENTRATION OF PCBs=5 PPM; INDUSTRIAL/COMMERCIAL, CONCENTRATION OF PCBs=50 PPM. PRESCRIBED BY THE GUIDELINES FOR THE MANAGEMENT OF WASTES CONTAINING POLYCHLORINATED BIPHENYLS (PCBS), WHICH ARE A REPORT FROM THE SERIES FROM THE CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT. THE PRIMARY PURPOSE OF THESE GUIDELINES IS TO RECOMMEND ENVIRONMENTALLY SOUND PRACTICES FOR THE MANAGEMENT OF WASTES CONTAINING PCBs. PROCEDURES FOR DECOMMISSIONING AND DECONTAMINATION, STORAGE, TRANSPORTATION, DISPOSAL, LABELLING AND RECORDKEEPING, AND EMERGENCY PREPAREDNESS FOR PCB-CONTAMINATED EQUIPMENT AND CONTAINERS, AS WELL AS FOR SOLID AND LIQUID WASTES, ARE COVERED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CREPE8,,008,,1989 <u>Effective Date :</u> SEP1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	WASTE AQ	EMI	RSTR	<p>SECTION 10 - PROCESS WASTE TREATMENT AND DISPOSAL - SOLID WASTE DISPOSAL: FOR SOLID RESIDUES OF THE PCB DESTRUCTION FACILITY SUCH AS INCINERATOR ASH, COLLECTED FLUE GAS PARTICULATE MATTER OR CONTROL DEVICE SLUDGE, IT IS RECOMMENDED THAT PROCESS SOLID WASTES WITH A PCB CONTENT LESS THAN OR EQUAL TO 0.50MG OF PCB/KG OF WASTE (0.5 PPM) BE DEFINED AS NON-HAZARDOUS SOLID INDUSTRIAL WASTES AND DISPOSED OF IN LAND DISPOSAL SITES OR ANY FACILITIES THAT ARE CERTIFIED TO ACCEPT SUCH WASTE OR IN ACCORDANCE WITH ANY OTHER APPLICABLE REGULATIONS OF THE PROVINCE. SOLID WASTE DISCHARGED FROM THE INCINERATOR WITH PCB CONTENTS GREATER THAN 0.50 MG/KG OF WASTE REQUIRE FURTHER ON-SITE TREATMENT BY THE MOBILE PCB DESTRUCTION SYSTEM. THIS STANDARD IS FOR THE TREATMENT OF SOLIDS CONTAINING GREATER THAN 50 PPM PCBs AND REPRESENTS BEST AVAILABLE CONTROL TECHNOLOGY FOR THE DESTRUCTION OF PCBs CONTAINED IN THESE WASTES WHEN TREATED. - DISPOSAL OF WASTEWATERS: THE RECOMMENDED MAXIMUM CONCENTRATION OF PCBs IN AQUEOUS WASTES IS 5 MICROGRAMS/LITRE OF WASTEWATER. WASTEWATERS THAT HAVE A PCB CONTENT GREATER THAN 5 MICROGRAMS/L MUST BE TREATED TO A PCB CONTENT OF LESS THAN 5 MICROGRAMS/L BEFORE DISCHARGE. DILUTION OF SUCH WASTES AS A MEANS TO ACHIEVE ALLOWABLE DISCHARGE LEVELS SHOULD NOT BE PERMITTED. PRESCRIBED BY THE GUIDELINES FOR MOBILE POLYCHLORINATED BIPHENYL DESTRUCTION SYSTEMS, WHICH ARE A REPORT FROM THE SERIES FROM THE CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT. THESE RECOMMENDATIONS ARE PROCEDURES AND CONTROLS THAT REGULATORY AGENCIES AND TECHNOLOGY PROPONENTS SHOULD CONSIDER FOR THE LICENSING AND OPERATION OF MOBILE THERMAL DESTRUCTION TECHNOLOGIES</p> <p><u>Title :</u></p> <p><u>Reference :</u> CREPE8,,011,, <u>Effective Date :</u> MCH1990</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: (TOTAL) 0.005 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>

Common Name : PCB

RTECS Number : TQ1350000

CAS Number : 1336-36-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>OR ARTICLES CONTAINING POLYCHLORINATED BIPHENYLS. PIN (PRODUCT IDENTIFICATION NO.): UN2315. CLASS (9.1): MISCELLANEOUS DANGEROUS GOODS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 118. PACKING GROUP II, (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 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>
CAN	REG	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA LIQUIDS CONTAINING POLYCHLORINATED BIPHENYLS FOR USE IN MICROSCOPY INCLUDING IMMERSION OILS BUT NOT INCLUDING REFRACTIVE INDEX OILS. 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,,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CSK	REG	FEED	-	MXL	<p>MXL: 0.2 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.2-3.0 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	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: 0.5MG/M3, CLV: 1.0MG/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	AQ	DRINK	MAC	<p>50NG/L (APPLIES TO THE SUM OF PCBs)</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 : PCB

RTECS Number : TQ135000

CAS Number : 1336-36-3

Area Type Subject Spec. Description Level / Summary Information :

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, LABELLING, PACKING, STORAGE AND TRANSPORT 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
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE GROUP 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 POLYCHLORINATED BIPHENYLS AND TERPHENYLS. 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	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCES ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCES 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 SUBSTANCES 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	RSTR	THE EMISSIONS OF POLYHALOGENATED BIPHENYLS HAVE TO BE LIMITED AS FAR AS POSSIBLE. <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	MANUF SALE USE LABEL	-	PRO PRO PRO RQR	THE PRODUCTION, MARKETING, OR USE OF TRICHLORINATED AND HIGHER CHLORINATED BIPHENYLS (PCB), PREPARATIONS CONTAINING MORE THAN 50 MG/KG PCB, OR PRODUCTS WHICH CONTAIN PCB OR ITS PREPARATIONS IS PROHIBITED. SOME EXCEPTIONS OF THE PROHIBITION ARE MENTIONED. A WARNING LABEL IS REQUIRED FOR PRODUCTS CONTAINING MORE THAN 5 LITRES OF PCB-CONTAINING LIQUID. <u>Title :</u> ORDINANCE ON THE PROHIBITION OF POLYCHLORINATED BIPHENYLS, POLYCHLORINATED TERPHENYLS AND VINYL CHLORIDE (PCB-, PCT-, VC-VERBOTSVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1482,1989 <u>Effective Date :</u> 29JUL1989 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	AQ	DRINK	MPC	0.0001 MG/L; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.00005 MG/L. POLYCHLORINATED BIPHENYLS, POLYBROMINATED BIPHENYLS, POLYCHLORINATED TERPHENYLS, POLYBROMINATED TERPHENYLS; ALTOGETHER 0.0005 MG/L; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.0002 MG/L. <u>Title :</u> ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG) <u>Reference :</u> BGZBAD,,1,2612,1990 <u>Effective Date :</u> 01JAN1991 <u>Last Amendment :</u> BGZBAD,,1,227,1991 <u>Entry / Update :</u> DEC1991

Common Name : PCB

RTECS Number : TQ1350000

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Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	FOOD	-	MPC	<p>APPLIES TO 2,4,4'-TRICHLOROBIPHENYL, 2,2',5,5'-TETRACHLOROBIPHENYL, 2,2',4,5,5'-PENTACHLOROBIPHENYL, 2,2',3,4,4',5,5'-HEPTACHLOROBIPHENYL, 2,2',3,4,4',5'-HEXACHLOROBIPHENYL, 2,2',4,4',5,5'-HEXACHLOROBIPHENYL. MEAT AND MEAT PRODUCTS WITH A FAT CONTENT UP TO 100 G/KG: 0.008 - 0.01 MG/KG WET WEIGHT. MEAT AND MEAT PRODUCTS WITH A FAT CONTENT OF MORE THAN 100 G/KG, EDIBLE FAT OF ANIMAL ORIGIN: 0.08 - 0.1 MG/KG LIPID WEIGHT. FRESHWATER FISH AND PRODUCTS THEREOF: 0.2 - 0.3 MG/KG WET WEIGHT OF CONSUMABLE PARTS. SALTWATER FISH, CRUSTACEAN, MOLLUSCA, AND THEIR PRODUCTS: 0.08 - 0.1 MG/KG WET WEIGHT OF CONSUMABLE PARTS. MILK, MILK PRODUCTS: 0.04 - 0.05 MG/KG LIPID WEIGHT. EGGS (WITHOUT SHELL), EGG PRODUCTS: 0.02 MG/KG WET WEIGHT.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF HARMFUL SUBSTANCES (SCHADSTOFF-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,422,1988 <u>Effective Date :</u> 01APR1988</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	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED BIPHENYLS 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	EXPRT	-	RQR	<p>POLYCHLORINATED BIPHENYLS (PCB), (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0.01 % BY WEIGHT 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 SUBSTANCES AND PREPARATIONS 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: DANGER OF CUMULATIVE EFFECTS (R 33). XN - HARMFUL; DANGER OF CUMULATIVE EFFECTS (R 33); THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY (S 35). 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>

Common Name : PCB

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Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	WASTE	REMOV	RQR	<p>MEMBER STATES SHALL 1) PROHIBIT THE UNCONTROLLED DISCHARGE, DUMPING AND TIPPING OF POLYCHLORINATED BIPHENYLS (PCB) AND POLYCHLORINATED TERPHENYLS (PCT) AS WELL AS MIXTURES, OBJECTS AND EQUIPMENT CONTAINING ONE OR BOTH OF THE SUBSTANCES; 2) MAKE COMPULSORY THE DISPOSAL OF SUCH WASTE; 3) ENSURE THAT IT IS DISPOSED WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 4) PROMOTE THE REGENERATION OF PCB AND PCT; AND 5) SET UP OR DESIGNATE INSTALLATIONS WHICH ARE AUTHORIZED FOR DISPOSING OF SUCH WASTE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 APRIL 1976 ON THE DISPOSAL OF POLYCHLORINATED BIPHENYLS AND POLYCHLORINATED TERPHENYLS. (76/403/EEC).</p> <p><u>Reference</u> : OJEC**,L108,,41,1976 <u>Effective Date</u> : 26APR1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1986</p>
EEC	REG	USE SALE	-	RSTR PRO	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1986 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OF THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBS AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0,005 % BY WEIGHT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE	-	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 PCBS AND/OR PCTS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) THAT CONSIST OF SUBSTANCES CONTAINING PCBS AND/OR PCTS (E.G. DIELECTRICS ETC.)AND 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	AQ AQ MONIT	DRINK DRINK METHD	MAC GL RQR	<p>MAC : 0.1 UG/L (OF EACH SUBSTANCE CONSIDERED SEPARATELY) OF 0.5 UG/L (TOTALLY), GL : - OF PESTICIDES (INSECTICIDES INCL. PERSISTENT ORGANOCHLORINE COMPOUNDS, ORGANOPHOSPHORUS COMPOUNDS, AND CARBAMATES, HERBICIDES AND FUNGICIDES), PCBS AND PCTS. REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	USE SALE MANUF GOODS	-	RSTR RSTR RSTR MXL	<p>THE USE OF PCB OR PCT OR OF ANY PREPARATION THEREOF, IN CONNECTION WITH ANY TRADE, BUSINESS OR MANUFACTURING PROCESS IS PROHIBITED. EXEMPTIONS TO THESE REGULATIONS APPLY FOR: A) PROCESSES BY MEANS OF WHICH THE ABOVE-MENTIONED "INJURIOUS SUBSTANCES" CEASE TO CONSTITUTE A DANGER TO PUBLIC HEALTH AND THE ENVIRONMENT; B) PLANT OR EQUIPMENT IN SERVICE BEFORE 30 JUNE 1986 WHICH HAS NOT REACHED THE END OF ITS SERVICE LIFE. THE PCB OR PCT CONTENT OF PREPARATIONS OR WASTE OILS SHOULD NOT BE HIGHER THAN 0.010 % BY WEIGHT. THESE REGULATIONS GIVE EFFECT TO CERTAIN PROVISIONS OF COUNCIL DIRECTIVE 76/769/EEC RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (SUPPLY AND USE OF INJURIOUS SUBSTANCES) REGULATIONS 1986</p> <p><u>Reference</u> : GBRSI*,902,,,1986 <u>Effective Date</u> : 30JUN1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1992</p>

Common Name : PCB

RTECS Number : TQ1350000

CAS Number : 1336-36-3

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 POLYCHLORINATED BIPHENYLS 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 POLYCHLORINATED BIPHENYLS 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	SOIL MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. IN GRANTING THE AUTHORIZATION THE ENFORCING AUTHORITY MUST SEEK TO ENSURE THAT THE BEST AVAILABLE TECHNIQUES NOT ENTAILING EXCESSIVE COST ARE EMPLOYED TO PREVENT OR MINIMIZE THE RELEASE INTO LAND OF POLYHALOGENATED BIPHENYLS, TERPHENYLS AND NAPHTHALENES WHICH ARE PRESCRIBED SUBSTANCES. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EEC 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	AQ MANUF	EMI INDST	PRO RSTR	<p>POLYCHLORINATED BIPHENYLS 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	TRNSP LABEL	-	CLASS RQR	<p>LABELLING OF ROAD TANKERS : OTHER HAZARDOUS SUBSTANCE. EMERGENCY ACTION CODE : 4X</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2315.</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: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO POLYHALOGENATED BIPHENYLS, LIQUID OR SOLID, OR POLYHALOGENATED TERPHENYLS, LIQUID OR SOLID). UN NOS. 3151; 3152.</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: 0.1MG/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 : PCB

RTECS Number : TQ1350000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
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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> 07JUN1974</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 0.003 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>
JPN	REG	AQ	AMBI	MXL	<p>STANDARD VALUE (MAXIMUM VALUE): NOT DETECTABLE</p> <p><u>Title :</u> ENVIRONMENTAL QUALITY STANDARD FOR WATER</p> <p><u>Reference :</u> QEJPN*,,,337,1989 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
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	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.0MG/L (APPLIES TO CHLOROORGANIC COMPOUNDS)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> SEP1985</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.01MG/M3; 15MIN-STEL: 0.03MG/M3. CARCINOGENIC, 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>
SWE	REG	FOOD	-	MTC	<p>ANIMAL PRODUCTS: 0.05-5 MG/KG (INCL. ALL PCBs)</p> <p><u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLVFS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE (1983:1) OMFRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2315.</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: 9 = MISCELLANEOUS DANGEROUS SUBSTANCES. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO POLYHALOGENATED BIPHENYLS, LIQUID OR SOLID,OR POLYHALOGENATED TERPHENYLS, LIQUID OR SOLID). UN NOS. 3151; 3152.</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 : PCB

RTECS Number : TQ1350000

CAS Number : 1336-36-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
UN	REG	WASTE EXPRT IMPRT		RSTR RQR RQR	<p>WASTE SUBSTANCES AND ARTICLES CONTAINING OR CONTAMINATED WITH POLYCHLORINATED BIPHENYLS (PCBS) AND/OR POLYCHLORINATED TERPHENYLS (PCTS) AND/OR POLYBROMINATED BIPHENYLS (PBBS) UNLESS THEY DO NOT POSSESS ANY OF THE CHARACTERISTICS LISTED IN ANNEX III, 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 IN 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) 1 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 2 MG/M3, SKIN /CHLORODIPHENYL (42% CHLORINE)/ TIME WEIGHTED AVG (TWA) 0.5 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 1 MG/M3, SKIN /CHLORODIPHENYL (54% CHLORINE); SUMMARY - THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> _____ : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AQ	DRINK	MPC	<p>0.0005 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 AQ	EMI INDST	RQR RQR	<p>; SUMMARY - 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 AQ	GRND GRND	MONIT MXL	<p>THIS CATEGORY CONTAINS CONGENER CHEMICALS, INCLUDING CONSTITUENTS OF AROCLOR-1016(12674-11-2), AROCLOR-1221(11104-28-2), AROCLOR-1232(11141-16-5), AROCLOR-1242(53469-21-9), AROCLOR-1248(12672-29-6), AROCLOR-1254(11097-69-1), AND AROCLOR-1260(11096-82-5); SUMMARY - THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H)(2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> _____ : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : PCB

RTECS Number : TQ1350000

CAS Number : 1336-36-3

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
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> 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	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	; SUMMARY - FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	DRINK	CLASS	; SUMMARY - FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title :</u> SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference :</u> FEREC,54,97,22140,1989 <u>Effective Date :</u> MAY221989 <u>Last Amendment :</u> FEREC,54,97,22104,1989 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF SALE USE	-	RQR RQR RQR	; SUMMARY - THE ADMINISTRATOR OF THE U.S. EPA FINDS THAT THERE IS A REASONABLE BASIS TO CONCLUDE THAT THE MANUFACTURE, PROCESSING, DISTRIBUTION IN COMMERCE, USE OR DISPOSAL OF THE CHEMICAL SUBSTANCE OR MIXTURE, OR THAT ANY COMBINATION OF SUCH ACTIVITIES, PRESENTS OR WILL PRESENT AN UNREASONABLE RISK OF INJURY TO HEALTH OR THE ENVIRONMENT. <u>Title :</u> COMMERCIAL CHEMICAL CONTROL RULES <u>Reference :</u> XCODE*,15,,2605,1991 <u>Effective Date :</u> 1JAN1977 <u>Last Amendment :</u> XCODE*,15,,2605,1991 <u>Entry / Update :</u> OCT1991
USA	REG	AIR	EMI	RQR	; SUMMARY - FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED <u>Title :</u> CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS <u>Reference :</u> 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 : PCB's (21% chlorine)

RTECS Number :

CAS Number : 11104-28-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	WASTE	REMOV	RQR	<p>MEMBER STATES SHALL 1) PROHIBIT THE UNCONTROLLED DISCHARGE, DUMPING AND TIPPING OF POLYCHLORINATED BIPHENYLS (PCB) AND POLYCHLORINATED TERPHENYLS (PCT) AS WELL AS MIXTURES, OBJECTS AND EQUIPMENT CONTAINING ONE OR BOTH OF THE SUBSTANCES; 2) MAKE COMPULSORY THE DISPOSAL OF SUCH WASTE; 3) ENSURE THAT IT IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 4) PROMOTE THE REGENERATION OF PCB AND PCT; AND 5) SET UP OR DESIGNATE INSTALLATIONS WHICH ARE AUTHORIZED FOR DISPOSING OF SUCH WASTE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 APRIL 1976 ON THE DISPOSAL OF POLYCHLORINATED BIPHENYLS AND POLYCHLORINATED TERPHENYLS. (76/403/EEC).</p> <p><u>Reference</u> : OJEC**,L108,,41,1976 <u>Effective Date</u> : 26APR1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1986</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED BIPHENYLS 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	USE SALE	-	RSTR PRO	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1986 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OF THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBs AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0,005 % BY WEIGHT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL	-	CLASS RQR	<p>LABELLING OF ROAD TANKERS : OTHER HAZARDOUS SUBSTANCE. EMERGENCY ACTION CODE : 4X</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>
USA	REG	AQ	-	RQR	<p>; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>

Common Name : PCB's (21% chlorine)

RTECS Number :

CAS Number : 11104-28-2

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS	INDST	RQR	100 (45.4); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE
		AIR	EMI	RQR	
		AQ	EMI	RQR	

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

Common Name : PCB's (42% chlorine)

RTECS Number : TQ1356000

CAS Number : 53469-21-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1 MG/M3; 15MIN-STEL: 2MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION. (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,,1,4,1991 <u>Entry / Update</u> : OCT1991</p>
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: 1 MG/M3; STEL: 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> : MCH1991</p>
DEU	REC	AIR	OCC	MAK	<p>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). 30MIN-STEL: 1.0 ML/M3 (PPM); 10.0 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. PREGNANCY GROUP B: ACCORDING TO CURRENTLY AVAILABLE INFORMATION, A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS MUST BE CONSIDERED TO BE PROBABLE. DAMAGE TO THE DEVELOPING ORGANISM CANNOT BE EXCLUDED WHEN PREGNANT WOMEN ARE EXPOSED EVEN WHEN MAK AND BAT VALUES ARE ADHERED TO. APPLIES TO CHLORINATED BIPHENYLS WITH 42% CHLORINE.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFTTOLERANZWERTE)</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	WASTE	REMOV	RQR	<p>MEMBER STATES SHALL 1) PROHIBIT THE UNCONTROLLED DISCHARGE, DUMPING AND TIPPING OF POLYCHLORINATED BIPHENYLS (PCB) AND POLYCHLORINATED TERPHENYLS (PCT) AS WELL AS MIXTURES, OBJECTS AND EQUIPMENT CONTAINING ONE OR BOTH OF THE SUBSTANCES; 2) MAKE COMPULSORY THE DISPOSAL OF SUCH WASTE; 3) ENSURE THAT IT IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 4) PROMOTE THE REGENERATION OF PCB AND PCT; AND 5) SET UP OR DESIGNATE INSTALLATIONS WHICH ARE AUTHORIZED FOR DISPOSING OF SUCH WASTE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 APRIL 1976 ON THE DISPOSAL OF POLYCHLORINATED BIPHENYLS AND POLYCHLORINATED TERPHENYLS. (76/403/EEC).</p> <p><u>Reference</u> : OJEC**,L108,,41,1976 <u>Effective Date</u> : 26APR1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1986</p>

Common Name : PCB's (42% chlorine)

RTECS Number : TQ1356000

CAS Number : 53469-21-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	USE SALE	-	RSTR PRO	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1986 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OF THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBs AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0.005 % BY WEIGHT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE EXPT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED BIPHENYLS 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>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : OTHER HAZARDOUS SUBSTANCE. EMERGENCY ACTION CODE : 4X</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: 1MG/M3. STEL(10MIN-TWA): 2MG/M3. SKIN ABSORPTION. (TO BE REVIEWED)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : PCB's (42% chlorine)

RTECS Number : TQ1356000

CAS Number : 53469-21-9

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 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 1MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 2MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVAL OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 1 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 2 MG/M3, SKIN /CHLORODIPHENYL (42% CHLORINE)/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>10 MG/M3 /CHLORODIPHENYL (42% CHLORINE)/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,78,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,78,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	-	RQR	<p>; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981</p> <p><u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991</p>
USA	REG	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 CLBS (KG)}, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>

Common Name : PCB's (54% chorine)

RTECS Number : TQ1360000

CAS Number : 11097-69-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.5 MG/M3; 15 MIN - STÉL: 1 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION, POTENTIAL CARCINOGEN. (SUBMITTED FOR MODIFICATION).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.5 MG/M3; STEL: 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 ACGH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.05 ML/M3 (PPM); 0.5 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 0.5 ML/M3 (PPM); 5.0 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. PREGNANCY GROUP B: ACCORDING TO CURRENTLY AVAILABLE INFORMATION, A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS MUST BE CONSIDERED TO BE PROBABLE. DAMAGE TO THE DEVELOPING ORGANISM CANNOT BE EXCLUDED WHEN PREGNANT WOMEN ARE EXPOSED EVEN WHEN MAK AND BAT VALUES ARE ADHERED TO. APPLIES TO CHLORINATED BIPHENYLS WITH 54% CHLORINE.</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,,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: DANGER OF CUMULATIVE EFFECTS (R 33). XN - HARMFUL; DANGER OF CUMULATIVE EFFECTS (R 33); THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY (S 35). 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>

Common Name : PCB's (54% chorine)

RTECS Number : TQ1360000

CAS Number : 11097-69-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	WASTE EXPR IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED BIPHENYLS 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	USE SALE	-	RSTR PRO	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1986 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OF THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBS AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0,005 % BY WEIGHT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE	REMOV	RQR	<p>MEMBER STATES SHALL 1) PROHIBIT THE UNCONTROLLED DISCHARGE, DUMPING AND TIPPING OF POLYCHLORINATED BIPHENYLS (PCB) AND POLYCHLORINATED TERPHENYLS (PCT) AS WELL AS MIXTURES, OBJECTS AND EQUIPMENT CONTAINING ONE OR BOTH OF THE SUBSTANCES; 2) MAKE COMPULSORY THE DISPOSAL OF SUCH WASTE; 3) ENSURE THAT IT IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 4) PROMOTE THE REGENERATION OF PCB AND PCT; AND 5) SET UP OR DESIGNATE INSTALLATIONS WHICH ARE AUTHORIZED FOR DISPOSING OF SUCH WASTE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 APRIL 1976 ON THE DISPOSAL OF POLYCHLORINATED BIPHENYLS AND POLYCHLORINATED TERPHENYLS. (76/403/EEC).</p> <p><u>Reference</u> : OJEC**,L108,,41,1976 <u>Effective Date</u> : 26APR1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1986</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : OTHER HAZARDOUS SUBSTANCE. EMERGENCY ACTION CODE : 4X</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. 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 : PCB's (54% chorine)

RTECS Number : TQ1360000

CAS Number : 11097-69-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO POLYCHLORINATED BIPHENYLS). UN NO. 2315 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 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 INTERVAL OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2315. <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) 0.5 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 1 MG/M3. SKIN /CHLORODIPHENYL (54% CHLORINE)/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	5 MG/M3 /CHLORODIPHENYL (54% CHLORINE)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,78,1990 <u>Last Amendment :</u> XPHPAW,90,117,78,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <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	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 : PCB's (60% chlorine)

RTECS Number : TQ1362000

CAS Number : 11096-82-5

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>
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: DANGER OF CUMULATIVE EFFECTS (R 33). XN - HARMFUL; DANGER OF CUMULATIVE EFFECTS (R 33); THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY (S 35). 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>
EEC	REG	WASTE EXPR IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED BIPHENYLS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference :</u> OJEC**,L326,,31,1984 <u>Effective Date :</u> 01JAN1987</p> <p><u>Last Amendment :</u> OJEC**,L48,,31,1987 <u>Entry / Update :</u> OCT1987</p>

Common Name : PCB's (60% chlorine)

RTECS Number : TQ1362000

CAS Number : 11096-82-5

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	USE SALE	-	RSTR PRO	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1986 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OF THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBS AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0,005 % BY WEIGHT.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference :</u> OJEC**,L262,,201,1976 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> OJEC**,L363,,36,1991 <u>Entry / Update :</u> 1992</p>
EEC	REG	WASTE	REMOV	RQR	<p>MEMBER STATES SHALL 1) PROHIBIT THE UNCONTROLLED DISCHARGE, DUMPING AND TIPPING OF POLYCHLORINATED BIPHENYLS (PCB) AND POLYCHLORINATED TERPHENYLS (PCT) AS WELL AS MIXTURES, OBJECTS AND EQUIPMENT CONTAINING ONE OR BOTH OF THE SUBSTANCES; 2) MAKE COMPULSORY THE DISPOSAL OF SUCH WASTE; 3) ENSURE THAT IT IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 4) PROMOTE THE REGENERATION OF PCB AND PCT; AND 5) SET UP OR DESIGNATE INSTALLATIONS WHICH ARE AUTHORIZED FOR DISPOSING OF SUCH WASTE.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 6 APRIL 1976 ON THE DISPOSAL OF POLYCHLORINATED BIPHENYLS AND POLYCHLORINATED TERPHENYLS. (76/403/EEC).</p> <p><u>Reference :</u> OJEC**,L108,,41,1976 <u>Effective Date :</u> 26APR1978</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1986</p>
GBR	REG	TRNSP LABEL	-	CLASS RQR	<p>LABELLING OF ROAD TANKERS : OTHER HAZARDOUS SUBSTANCE. EMERGENCY ACTION CODE : 4X</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO POLYCHLORINATED BIPHENYLS). UN NO. 2315</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: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. US NO.2315.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982</p>
USA	REG	AQ	-	RQR	<p>; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981</p> <p><u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991</p>

Common Name : PCB's (60% chlorine)

RTECS Number : TQ1362000

CAS Number : 11096-82-5

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	100 (45.4); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990
					<u>Effective Date</u> : 1990 <u>Entry / Update</u> : SEP1991

Common Name : PCT

RTECS Number :

CAS Number : 61788-33-8

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 GROUP 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 POLYCHLORINATED BIPHENYLS AND TERPHENYLS. 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	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCES ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCES 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 SUBSTANCES ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	MANUF SALE USE	-	PRO PRO PRO	<p>THE PRODUCTION, MARKETING, OR USE OF POLYCHLORINATED TERPHENYLS (PCT), PREPARATIONS CONTAINING MORE THAN 50 MG/KG PCT, OR PRODUCTS WHICH CONTAIN PCT OR ITS PREPARATIONS IS PROHIBITED. SOME EXCEPTIONS OF THE PROHIBITION ARE MENTIONED.</p> <p><u>Title</u> : ORDINANCE ON THE PROHIBITION OF POLYCHLORINATED BIPHENYLS, POLYCHLORINATED TERPHENYLS AND VINYL CHLORIDE (PCB-, PCT-, VC-VERBOTSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1482,1989 <u>Effective Date</u> : 29JUL1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>0.0001 MG/L; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.00005 MG/L. POLYCHLORINATED BIPHENYLS, POLYBROMINATED BIPHENYLS, POLYCHLORINATED TERPHENYLS, POLYBROMINATED TERPHENYLS: ALTOGETHER 0.0005 MG/L; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.0002 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 EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED TERPHENYLS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>

Common Name : PCT

RTECS Number :

CAS Number : 61788-33-8

Area Type Subject Spec. Description Level / Summary information :

Area	Type	Subject	Spec.	Description	Level / Summary information
EEC	REG	WASTE	REMOV	RQR	<p>MEMBER STATES SHALL 1) PROHIBIT THE UNCONTROLLED DISCHARGE, DUMPING AND TIPPING OF POLYCHLORINATED BIPHENYLS (PCB) AND POLYCHLORINATED TERPHENYLS (PCT) AS WELL AS MIXTURES, OBJECTS AND EQUIPMENT CONTAINING ONE OR BOTH OF THE SUBSTANCES; 2) MAKE COMPULSORY THE DISPOSAL OF SUCH WASTE; 3) ENSURE THAT IT IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 4) PROMOTE THE REGENERATION OF PCB AND PCT; AND 5) SET UP OR DESIGNATE INSTALLATIONS WHICH ARE AUTHORIZED FOR DISPOSING OF SUCH WASTE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 APRIL 1976 ON THE DISPOSAL OF POLYCHLORINATED BIPHENYLS AND POLYCHLORINATED TERPHENYLS. (76/403/EEC).</p> <p><u>Reference</u> : OJEC**L108,,41,1976 <u>Effective Date</u> : 26APR1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1986</p>
EEC	REG	EXPRT	-	RQR	<p>POLYCHLORINATED TERPHENYLS (PCT) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0.01 % BY WEIGHT 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	USE SALE	-	RSTR RSTR	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/ 769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1985 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OR THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBS AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0,005 % BY WEIGHT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**L363,,36,1991 <u>Entry / Update</u> : 1992</p>
UN	REG	WASTE EXPRT IMPRT		RSTR RQR RQR	<p>WASTE SUBSTANCES AND ARTICLES CONTAINING OR CONTAMINATED WITH POLYCHLORINATED BIPHENYLS (PCBS) AND/OR POLYCHLORINATED TERPHENYLS (PCTS) AND/OR POLYBROMINATED BIPHENYLS (PBBS) UNLESS THEY DO NOT POSSESS ANY OF THE CHARACTERISTICS LISTED IN ANNEX III, 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 IN THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES.</p> <p><u>Title</u> : Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : ISBC1*,,,1989 <u>Entry / Update</u> : MAY1992</p>

Common Name : PCT**RTECS Number :****CAS Number :** 61788-33-8

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	MANUF	REQ	PRMT	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.
		USE	OCC	PRMT	
		SAFTY	OCC	MXL	

Title : TOXIC SUBSTANCES CONTROL ACT, SECTION 8(A)**Reference :** FEREAC,47,,26992,1982**Effective Date :** 22JUN1982**Last Amendment :** XCODE*,15,,2607A,1991**Entry / Update :** OCT1991

Common Name : PCT (aroclor 5442)

RTECS Number : TQ1385000

CAS Number : 12642-23-8

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>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 0.1 UG/L (OF EACH SUBSTANCE CONSIDERED SEPARATELY) OF 0.5 UG/L (TOTALLY), GL : - OF PESTICIDES (INSECTICIDES INCL. PERSISTENT ORGANOCHLORINE COMPOUNDS, ORGANOPHOSPHORUS COMPOUNDS, AND CARBAMATES, HERBICIDES AND FUNGICIDES), PCBS AND PCTS. 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 EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED TERPHENYLS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	USE SALE	-	RSTR PRO	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1986 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OF THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBS AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0.005 % BY WEIGHT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**L363,,36,1991 <u>Entry / Update</u> : 1992</p>

Common Name : PCT (aroclor 5442)

RTECS Number : TQ1385000

CAS Number : 12642-23-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	WASTE	REMOV	RQR	<p>MEMBER STATES SHALL 1) PROHIBIT THE UNCONTROLLED DISCHARGE, DUMPING AND TIPPING OF POLYCHLORINATED BIPHENYLS (PCB) AND POLYCHLORINATED TERPHENYLS (PCT) AS WELL AS MIXTURES, OBJECTS AND EQUIPMENT CONTAINING ONE OR BOTH OF THE SUBSTANCES; 2) MAKE COMPULSORY THE DISPOSAL OF SUCH WASTE; 3) ENSURE THAT IT IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 4) PROMOTE THE REGENERATION OF PCB AND PCT; AND 5) SET UP OR DESIGNATE INSTALLATIONS WHICH ARE AUTHORIZED FOR DISPOSING OF SUCH WASTE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 APRIL 1976 ON THE DISPOSAL OF POLYCHLORINATED BIPHENYLS AND POLYCHLORINATED TERPHENYLS. (76/403/EEC).</p> <p><u>Reference</u> : OJEC**,L108,,41,1976 <u>Effective Date</u> : 26APR1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1986</p>
EEC	REG	USE SALE	-	RSTR PRO	<p>PROHIBITED FOR USE BY DIRECTIVE 85/467/EEC (6TH AMENDMENT (PCBS AND PCTS) DIRECTIVE 76/769/EEC) BUT UNTIL 30 JUNE 1986 THE FOLLOWING CATEGORIES ARE EXCEPTED: 1) CLOSED-SYSTEM ELECTRICAL EQUIPMENT; 2) LARGE CONDENSERS; 3) SMALL CONDENSERS (PROVIDED THAT THE PCB HAS A MAXIMUM CHLORINE CONTENT OF 43% AND DOES NOT CONTAIN MORE THAN 3.5% OF PENTA- AND HIGHER CHLORINATED BIPHENYLS); 4) HEAT-TRANSMITTING FLUIDS IN CLOSED-CIRCUIT HEAT TRANSFER INSTALLATIONS; 5) HYDRAULIC FLUIDS USED IN UNDERGROUND MINING EQUIPMENT. THE USE OF EQUIPMENT, PLANT AND FLUIDS REFERRED TO IN POINTS 1 TO 5 ABOVE WHICH ARE IN SERVICE ON 30 JUNE 1986 SHALL CONTINUE TO BE AUTHORIZED UNTIL THEY ARE DISPOSED OF OR REACH THE END OF THEIR SERVICE LIFE; 6) PRIMARY AND INTERMEDIATE PRODUCTS FOR FURTHER PROCESSING INTO OTHER PRODUCTS WHICH ARE NOT PROHIBITED UNDER THE DIRECTIVE. DEROGATIONS CONSIDERED TO HAVE NO DELETERIOUS EFFECTS ON HEALTH OR THE ENVIRONMENT MAY BE GRANTED AFTER 30 JUNE 1986. (THIS APPLIES TO PCBs AND PCTS (EXCEPT MONO- AND DICHLORINATED BIPHENYLS) AND PREPARATIONS WITH A PCB OR PCT CONTENT HIGHER THAN 0,005 % BY WEIGHT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY POLYCHLORINATED TERPHENYLS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	WASTE	-	RQR	<p>WASTES (EXCEPT DOMESTIC WASTE) THAT CONSIST OF SUBSTANCES CONTAINING PCBs AND/OR PCTS (E.G. DIELECTRICS ETC.)AND 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	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 PCBs AND/OR PCTS).</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 : PCT (aroclor 5442)

RTECS Number : TQ1385000

CAS Number : 12642-23-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	SOIL MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. IN GRANTING THE AUTHORIZATION THE ENFORCING AUTHORITY MUST SEEK TO ENSURE THAT THE BEST AVAILABLE TECHNIQUES NOT ENTAILING EXCESSIVE COST ARE EMPLOYED TO PREVENT OR MINIMIZE THE RELEASE INTO LAND OF POLYHALOGENATED BIPHENYLS, TERPHENYLS AND NAPHTHALENES WHICH ARE PRESCRIBED SUBSTANCES. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EEC 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</p> <p><u>Last Amendment</u> :</p> <p><u>Effective Date</u> : 01APR1991</p> <p><u>Entry / Update</u> : 1992</p>

Common Name : **Pebulate**RTECS Number : **EZ0400000**CAS Number : **1114-71-2**Area Type Subject Spec. Description Level / Summary Information :

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

SPECIFIED PLANT PRODUCTS: 0.1 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.

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

Reference : SBTAP*,8,1984

Effective Date :

Last Amendment :

Entry / Update : AUG1985

CAN REG PACK AGRIC CLASS
LABEL PESTI
USE

FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE PEB. 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 CLASS - CLASS

THIS SUBSTANCE IS CLASSIFIED AS POISON.

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

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

TOMATOES, SUGAR-BEETS: 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.01 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 - CLASS
LABEL RQR
PACK RQR

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

Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)

Reference : BGZBAD,,1,1931,1991

Effective Date : 15JUN1991

Last Amendment :

Entry / Update : APR1992

EEC REG CLASS PESTI CLASS
PACK RQR
LABEL RQR
SALE 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.

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 : **Pebulate**RTECS Number : **EZ0400000**CAS Number : **1114-71-2**

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>
RUS	REG	SOIL	-	PSL	<p>0.6 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	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	AMBI	MAC	<p>0.02 MG/M3 IX/D, 0.01 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	AIR	OCC	MAC CLASS	<p>CLV : 1.0 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</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: 0.05-0.1 MG/KG; ADI = 0.001 MG/KG (CALCULATED VALUE)</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	AQ	SURF	MAC CLASS	<p>0.01 MG/L HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Effective Date</u> : 1JAN1989</p> <p><u>Entry / Update</u> : JUL1990</p>
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME PEBULATETHIS 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 : Pentachloroethane

RTECS Number : K16300000

CAS Number : 76-01-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1669. CLASS (6.1): POISONOUS. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 40 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 10 ML/M3 (PPM); 80 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>
DEU	REG	USE	-	PRO	<p>PENTACHLOROETHANE OR HAZARDOUS SUBSTANCES WITH A MASS CONTENT OF MORE THAN 1 % OF PENTACHLOROETHANE MAY NOT BE USED. THIS DOES NOT APPLY WHEN FOR TECHNICAL REASONS THESE HAZARDOUS SUBSTANCES CAN NOT BE REPLACED BY LESS HAZARDOUS SUBSTANCES, FORMULATIONS OR PRODUCTS.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title :</u> ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>

Common Name : Pentachloroethane

RTECS Number : KI6300000

CAS Number : 76-01-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SALE USE	CONSM CONSM	PRO PRO	<p>IT IS PROHIBITED TO MARKET THE SUBSTANCE OR PRODUCTS CONTAINING THE SUBSTANCE AS A SOLVENT OR CONTAINING MORE THAN 0.01 % OF THE SUBSTANCE (APPLIES ALSO TO IMPURITIES) FOR PRIVATE USE AND USE IN NON-COMMERCIALY USED ROOMS.</p> <p><u>Title :</u> FIRST ORDINANCE ON CHLORINATED ALIPHATICS (1.CHLORALIPHATENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1059,1991 <u>Effective Date :</u> 09MAY1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). T - TOXIC; TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23). LABEL: T - TOXIC; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 1%: T - TOXIC; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/23); FROM 0.2% TO 1%: XN - HARMFUL; HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH INHALATION (R 48/20).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1669.</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 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1669.</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 : Pentachloroethane

RTECS Number : KI6300000

CAS Number : 76-01-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	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	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	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 : **Pentachloronaphthalene**RTECS Number : **QK0300000**CAS Number : **1321-64-8**

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,,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	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: 0.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 2.5 MG/M3; AVERAGE VALUE; 2X/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	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 IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); IRRITATING TO EYES AND SKIN (R 36/38); THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY (S 35). 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>

Common Name : Pentachloronaphthalene

RTECS Number : QK0300000

CAS Number : 1321-64-8

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>
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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (VAPOUR) (APPLIES TO ALL CHLORINATED NAPHTHALENES); HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (VAPOUR) (APPLIES TO CHLORINATED NAPHTHALENES) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.2 MG/M3; 15 MIN - STEL: 0.6 MG/M3, SKIN ABSORPTION. (APPLIES TO ALL CHLORINATED NAPHTHALENES).</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) 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 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	<p>TOXIC SUBSTANCE SUBJECT TO INFORMATION RULES ON PRODUCTION QUANTITIES, USE EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR EACH LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : TOXIC SUBSTANCES CONTROL ACT, SECTION 8(A)</p> <p><u>Reference</u> : FEREAC,47,,26992,1982 <u>Effective Date</u> : 22JUN1982</p> <p><u>Last Amendment</u> : XCODE*,15,,2607A,1991 <u>Entry / Update</u> : OCT1991</p>

Common Name : Pentachloronaphthalene**RTECS Number :** QK0300000**CAS Number :** 1321-64-8**Area Type Subject Spec. Description Level / Summary Information :**

USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
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Common Name : Pentachlorophenol

RTECS Number : SM6300000

CAS Number : 87-86-5

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
CAN	REC	AQ	DRINK	GL MAC	MAC: 0.06 MG/L. AESTHETIC OBJECTIVE (AO) <=0.03 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title :</u> <u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC MANUFACTURING USE AS: HARD-SURFACE DISINFECTANT; INSECTICIDE; HERBICIDE; WOOD PRESERVATIVE. (FORMULATION: SOLUBLE GRANULES; PRESSURIZED PRODUCT; SOLUTION; EMULSIFIABLE CONCENTRATE OR EMULSION; PASTE; SOLID). APPLIES TO PENTACHLOROPHENOL PLUS RELATES ACTIVE CHLOROPHENOLS. CODE PCP. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER CHLOROPHENOLS, SOLID. 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: 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
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON (APPLIES ALSO TO ITS SALTS). <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991

Common Name : Pentachlorophenol

RTECS Number : SM630000

CAS Number : 87-86-5

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 CHLORINATED PHENOLS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AQ	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>
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. 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	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING THE SUBSTANCE IS PROHIBITED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 0.01 MG/KG.</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	MANUF SALE USE	-	PRO PRO PRO	<p>IT IS PROHIBITED TO PRODUCE, MARKET OR USE: 1. PENTACHLOROPHENOL; 2. PENTACHLOROPHENOL SODIUM SALT AND OTHER PENTACHLOROPHENOL SALTS AND COMPOUNDS; 3. PREPARATION CONTAINING ALTOGETHER MORE THAN 0.01 % OF PENTACHLOROPHENOL, ITS SALTS OR COMPOUNDS; 4. PRODUCTS CONTAINING MORE THAN 5 MG/KG OF PENTACHLOROPHENOL, ITS SALTS OR COMPOUNDS DUE TO A TREATMENT WITH PENTACHLOROPHENOL, ITS SALTS OR COMPOUNDS. THE COMPETENT AUTHORITY MAY PERMIT EXCEPTIONS WHEN PENTACHLOROPHENOL, ITS SALTS OR COMPOUNDS ARE 1. USED FOR THE SYNTHESIS OF OTHER SUBSTANCES OR WHEN THEY ARE BY-PRODUCTS, OR 2. WHEN THEY ARE ONLY USED FOR RESEARCH AND SCIENTIFIC PURPOSES, AND A SAFE DISPOSAL OF WASTES IS ENSURED AND SUFFICIENT SECURITY MEASURES FOR THE PROTECTION OF WORKERS AND THE ENVIRONMENT ARE TAKEN.</p> <p><u>Title</u> : ORDINANCE ON THE PROHIBITION OF PENTACHLOROPHENOL (PENTACHLORPHENOLVERBOTSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2235,1989 <u>Effective Date</u> : 23DEC1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Pentachlorophenol

RTECS Number : SM6300000

CAS Number : 87-86-5

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,,I,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
DEU	REG	SAFTY	INDST	RQR	THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT. <u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG) <u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991
EEC	REG	CLASS LABEL PACK	-	CLASS 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); 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); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). FROM 0.5% TO 5%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). APPLIES TO PENTACHLOROPHENOL AND ITS ALKALI SALTS. <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	GOODS USE SALE	INDST	MXL RSTR	PENTACHLOROPHENOL (PCP) AND ITS SALTS AND ESTERS SHALL NOT BE USED IN CONCENTRATIONS EQUAL TO OR GREATER THAN 0,1% BY MASS IN SUBSTANCES OR PREPARATIONS PLACED ON THE MARKET. BY WAY OF EXCEPTION, IT CAN BE USED IN THE LISTED INDUSTRIAL INSTALLATIONS PROVIDING THE EMISSION AND/OR DISCHARGE OF PCP ARE NOT GREATER THAN THOSE PRESCRIBED BY EXISTING LEGISLATION. IN ANY CASE PCP MUST CONTAIN LESS THAN 4 PPM HEXACHLORODIBENZOPARADIOXIN. THESE SUBSTANCES AND PREPARATIONS MAY NOT BE PLACED ON THE MARKET EXCEPT IN PACKAGES OF 20 LITRES OR MORE NOR BE SOLD TO THE GENERAL PUBLIC. <u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC). <u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 18JUN1992 <u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	LIMIT VALUES FOR PENTACHLOROPHENOL IN WASTE WATERS LEAVING AN INDUSTRIAL OR TREATMENT PLANT (MONTHLY FLOW-WEIGHTED AVERAGE CONCENTRATION OF PENTACHLOROPHENOL OR MONTHLY AVERAGE IN WEIGHT/T OF SUBSTANCES PRODUCED, HANDLED OR USED) WHICH ARE TO BE COMPLIED WITH BY 1.1.1988 ARE FOR: PRODUCTION OF SODIUM PENTACHLOROPHENATE BY HYDROLYSIS OF HCB: 1 MG/L OF WATER DISCHARGED OR 25G/T OF PRODUCTION CAPACITY. DAILY AVERAGE VALUES ARE: 2 MG/L OR 50G/T (APPLIES TO PENTACHLOROPHENOL AND ITS SALT). QUALITY OBJECTIVES FOR SURFACE WATERS IN THE AREA AFFECTED BY DISCHARGES WHICH ARE TO BE COMPLIED WITH BY 1.1.1988 ARE: 0.002 MG/L OF WATER. REFERENCE METHOD OF MEASUREMENT: HPLC OR GAS CHROMATOGRAPHY. <u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF CERTAIN DANGEROUS SUBSTANCES INCLUDED IN LIST I OF THE ANNEX TO DIRECTIVE 76/464/EEC. (86/280/EEC). <u>Reference</u> : OJEC**,L181,,16,1986 <u>Effective Date</u> : 01JAN1988 <u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992

Common Name : Pentachlorophenol

RTECS Number : SM6300000

CAS Number : 87-86-5

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 PENTA CHLOROPHENOL 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	AQ	MARIN	CLASS		<p>A COASTAL WATER AND RELEVANT TERRITORIAL WATER IS ASSIGNED THE DS2 CLASSIFICATION PROVIDED THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF 2UG/L FOR PENTACHLOROPHENOL AND ITS COMPOUNDS AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 2 SUBSTANCES ARE NOT EXCEEDED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/280/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR		<p>PENTACHLOROPHENOL 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> : 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 2UG/L (TOTAL OF ALL PENTACHLOROPHENOL COMPOUNDS) AND THE PRESCRIBED ANNUAL MEAN CONCENTRATION OF ALL OTHER SCHEDULE 1 SUBSTANCES ARE NOT EXCEEDED. THIS SYSTEM OF CLASSIFICATION IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATER (CLASSIFICATION) REGULATIONS 1989 (SI 1148). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/280/EEC.</p> <p><u>Title</u> : THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989.</p> <p><u>Reference</u> : GBRSI*,2286,,2,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ WASTE	EMI INDST	RSTR RQR		<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN PENTACHLOROPHENOL 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 PENTACHLOROPHENOL AND ITS COMPOUNDS IN CONCENTRATIONS GREATER THAN THE BACK-GROUND CONCENTRATION. (THESE REGULATIONS GIVE EFFECT TO EC DIRECTIVE 76/464/EEC).</p> <p><u>Title</u> : THE TRADE EFFLUENTS (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1156,,2,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1629,,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES		<p>8H-TWA: 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 : **Pentachlorophenol**RTECS Number : **SM6300000**CAS Number : **87-86-5****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN A1 = 100- > 54%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1 = 54-13% (SOLID) OR 54-5% (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 COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference :</u> GAZIN*,787,1989 <u>Last Amendment :</u> <u>Effective Date :</u> 27NOV1989 <u>Entry / Update :</u> SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 0.5 MG/M3. SKIN ABSORPTION MUST ALSO BE CONSIDERED. <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL.33,4,277-287,1991 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5 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
RUS	REG	AIR	AMBI	PSL	0.02 MG/M3 1X/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OBUAV*,2947-83,1983 <u>Effective Date :</u> DEC1983 <u>Entry / Update :</u> SEP1985
RUS	REG	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	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: IRRITANT, READILY ABSORBED THROUGH THE SKIN; RECORDED CASES OF POISONING OF WORKERS. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,... <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
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

Common Name : Pentachlorophenol

RTECS Number : SM6300000

CAS Number : 87-86-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	ID-TWA: 0.5 MG/M3; 15 MIN - STEL: 1.5 MG/M3. SKIN ABSORPTION. (APPLIES TO PENTACHLOROPHENOL AND ITS SALTS, CALCULATED AS PURE PENTACHLOROPHENOL). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS**,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
SWE	REG	USE	PESTI	PRO	PENTACHLOROPHENOL AND OTHER CHLOROPHENOLS WERE SUSPENDED BECAUSE OF HIGHLY TOXIC IMPURITIES IN COMMERCIAL PRODUCTS AND FORMATION OF HIGHLY TOXIC COMPOUNDS AT COMBUSTION. <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*,,,,1978 <u>Last Amendment :</u> SVENF*,1985:426,,4,1985 <u>Effective Date :</u> ** 1978 <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->54%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 54-13% (SOLID) OR 54-5% (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	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	150 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,174,1990 <u>Last Amendment :</u> XPHPAW,90,117,174,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992
USA	REG	CLASS AIR AQ	INDST EMI	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 : **Pentachlorophenol**

RTECS Number : **SM6300000**

CAS Number : **87-86-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>100.0 MG/L. THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS.</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	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME PENTACHLOROPHENOL, SALTS AND 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. 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	AQ	DRINK	MPC	<p>0.001 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 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	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 : Pentachlorophenol

RTECS Number : SM6300000

CAS Number : 87-86-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	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	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	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	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>
WHO	REC	AQ AQ	DRINK PESTI	GL GL	<p>9 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 : Perchloric Acid

RTECS Number : SC7500000

CAS Number : 7601-90-3

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	MORE THAN 50% BUT NOT MORE THAN 72% ACID, BY MASS. PIN (PRODUCT IDENTIFICATION NO.): UN1873. CLASS (5.1): OXIDIZER; CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 36, 46, 48, 56, 78, 99, 102. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 2.5 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <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	NOT MORE THAN 50% ACID, BY MASS. PIN (PRODUCT IDENTIFICATION NO.): UN1802. CLASS(5.1): OXIDIZER; CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 56, 78, 90, 102. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <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	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
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 : Perchloric Acid

RTECS Number : SC750000

CAS Number : 7601-90-3

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
<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	WASTE	-	RQR	WASTE CONTAINING OR CONTAMINATED BY PERCHLORATES 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	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: O - OXIDIZING; HEATING MAY CAUSE AN EXPLOSION (R 5); CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: O - OXIDIZING; C - CORROSIVE; HEATING MAY CAUSE EXPLOSION (R 5); CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8); CAUSES SEVERE BURNS (R 35); 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); WEAR SUITABLE PROTECTIVE CLOTHING (S 36). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 50%: O - OXIDIZING; HEATING MAY CAUSE EXPLOSION (R 5); CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). 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					
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	WASTE CONTAINING OR CONTAMINATED BY PERCHLORATES IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).
<u>Title :</u> COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).					
<u>Reference :</u> OJEC**,L326,,31,1984 <u>Effective Date :</u> 01JAN1987					
<u>Last Amendment :</u> OJEC**,L48,,31,1987 <u>Entry / Update :</u> OCT1987					

Common Name : Perchloric Acid

RTECS Number : SC7500000

CAS Number : 7601-90-3

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: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER) (APPLIES TO PERCHLORIC ACID, WITH MORE THAN 50%, BUT NOT MORE THAN 72% ACID (WT/WT).UN NO. 1873 <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: 8 = CORROSIVE. SUBSIDIARY RISK LABEL: OXIDIZING AGENT. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO PERCHLORIC ACID WITH NOT MORE THAN 50 PERCENT ACID (WT/WT)). UN NO. 1802 <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: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO INORGANIC PERCHLORATES). UN NO. 1481 <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: 5.1 = OXIDIZING SUBSTANCE. SUBSIDIARY RISK: 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER) UN NO. 1873 <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: 5.1= OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO PERCHLORIC ACID WITH NOT MORE THAN 50 PERCENT ACID (WT/WT)). UN NO. 1802 <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: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO INORGANIC PERCHLORATES). UN NO. 1481 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REG	TRNSP LABEL	-	PRMT CNTRL RQR	EXCEEDING 50% BUT NOT EXCEEDING 72%: 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 CORROSIVE MATERIALS AND STOWED AWAY FROM HYDRAZINE. EXCEEDING 72%: FORBIDDEN IN TRANSPORT. NOT OVER 50%: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 5 PINTS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE SEGREGATED AS FOR CORROSIVE MATERIALS AND STOWED AWAY FROM HYDRAZINE. 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

Common Name : Permethrin

RTECS Number : GZ1255000

CAS Number : 52645-53-1

Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT RSTR CLASS	SPECIFIED PLANT PRODUCTS: 0.01-3 MG/KG; SECURITY INTERVAL: 3-60 DAYS PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: AUTHORIZED ACCORDING TO PRESCRIPTIONS IN FORMULATIONS OF 1%, 2%, 4% 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 COMMERCIAL, DOMESTIC, MANUFACTURING, RESTRICTED USE AS ACARICIDE; INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; SLOW-RELEASE GENER
					<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 = 0.5-2.0 PPM. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES.
					<u>Title :</u>
					<u>Reference :</u> CAGAAK,124,11,,1990
					<u>Effective Date :</u> 12APR1984
					<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	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 - 50.0 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 : **Permethrin**

RTECS Number : **GZ1255000**

CAS Number : **52645-53-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
FW	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.05 MG/KG BW; MRL: ALFALFA FODDER (DRY-WEIGHT BASIS), MAIZE FODDER AND STRAW (DRY-WEIGHT BASIS): 100 MG/KG; APPLE POMACE (DRY-WEIGHT BASIS), HOPS (DRIED), SOYBEAN FODDER (DRY-WEIGHT BASIS): 50 MG/KG; TEA (DRIED, BLACK, GREEN): 20 MG/KG; CABBAGE, CABBAGE (CHINESE, SAVOY), KALE: 5 MG/KG; BROCCOLI, CEREAL GRAINS, CURRANTS (BLACK, RED, WHITE), GOOSEBERRIES, GRAPES, KIWI FRUIT, POME FRUIT, STONE FRUIT: 2 MG/KG; ASPARAGUS, BLACKBERRIES, BRUSSELS SPROUTS, CARCASE MEAT OF CATTLE, PIGS AND SHEEP, DEWBERRIES, EGGPLANTS, OLIVES, PEPPERS, RASPBERRIES, STRAWBERRIES, SUNFLOWER SEED, SUNFLOWER SEED OIL (CRUDE AND REFINED): 1 MG/KG; CAULIFLOWER, CITRUS FRUIT, COTTONSEED, CUCUMBERS, GHERKINS, HORSERADISH, LEEKS, SQUASH: 0.5 MG/KG; ALMONDS, BEANS (DRY), CARROTS, CATTLE MEAT BY-PRODUCTS, COTTONSEED OIL, EGGS, JAPANESE RADISH, KOHLRABI, MELONS, MUSHROOMS, PEAS (WITHOUT POD), POULTRY MEAT, SOYBEAN OIL, SWEET CORN: 0.1 MG/KG; COFFEE BEANS, POTATOES, RAPESEED, SUGAR BEETS: 0.05 MG/KG (EXPRESSED AS SUM OF PERMETHRIN ISOMERS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*.XIII.,120-IV,1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.05 MG/KG BW FOR 40%-CIS, 60%-TRANS MATERIAL AND 25%-CIS, 75%-TRANS MATERIAL; MRL: ALFALFA FODDER, MAIZE FODDER AND STRAW: 100 MG/KG DWT; APPLE POMACE, HOPS (DRIED), SOYBEAN FODDER: 50 MG/KG DWT; SORGHUM FODDER (DRY) TEA (DRIED, BLACK GREEN): 20 MG/KG; LETTUCE, WHEAT BRAN: 10 MG/KG; CABBAGE, CHINESE CABBAGE, KALE, SAVOY CABBAGE: 5 MG/KG; BROCCOLI, CELERY, CEREAL GRAINS, CURRANTS (BLACK, RED, WHITE), GOOSEBERRIES, GRAPES, KIWI FRUIT, POME FRUITS, SPINACH, STONE FRUITS, WHEAT FLOUR (WHOLEMEAL): 2.0 MG/KG; ASPARAGUS, BEANS (WITH POD), BLACKBERRIES, BRUSSELS SPROUTS, MEAT (FROM MAMMALS OTHER THAN MARINE MAMMALS), DEWBERRIES, EGGPLANTS, OLIVES, PEPPERS, RASPBERRIES, STRAWBERRIES, SUNFLOWER SEED, SUNFLOWER SEED OIL (CRUDE AND REFINED), TOMATOES: 1 MG/KG; CAULIFLOWER, CITRUS FRUITS, COTTONSEED, CUCUMBERS, GHERKINS, HORSERADISH, LEEKS, SPRING ONION, SQUASH: 0.5 MG/KG; ALMONDS, BEANS (DRY), CARROTS, COTTONSEED OIL, EDIBLE OFFAL (MAMMALIAN), EGGS, JAPANESE RADISH, KOHLRABI, LEGUME OILSEEDS, MELONS, MILK, MUSHROOMS, PEAS, POULTRY MEAT, SOYBEAN OIL, SWEET CORN: 0.1 MG/KG; COFFEE BEANS, PISTACHIO NUTS, POTATOES, RAPESEED, SOYBEANS, SUGARBEETS: 0.05 MG/KG (LEVELS REFER TO THE SUM OF PERMETHRIN ISOMERS - WITHOUT METABOLITES). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FPPDD,92,,56,1988 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JUL1990
GBR	REG	USE	PESTI	PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> 1983
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	AIR	AMBI	MAC	0.05 MG/M3 1X/D 0.02 MG/M3 AV/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,5158-89,,1989 <u>Effective Date :</u> NOV1989 <u>Entry / Update :</u> JUL1990
RUS	REG	SOIL	-	PSL	0.05 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ODKPP*,3035-84,,1984 <u>Effective Date :</u> MAY1984 <u>Entry / Update :</u> OCT1985

Common Name : **Permethrin**RTECS Number : **GZ1255000**CAS Number : **52645-53-1**Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	FOOD	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.01-1.0 MG/KG. ADI = 0.035 MG/KG
<u>Title :</u>					
<u>Reference :</u>					
<u>Last Amendment :</u> MDUPP*,3080-84,,,1984					
<u>Effective Date :</u> AUG1984					
<u>Entry / Update :</u> OCT1985					
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN.
<u>Title :</u>					
<u>Reference :</u>					
<u>Last Amendment :</u> SCHSB*,1986-90,,,1987					
<u>Effective Date :</u> 1JAN1986					
<u>Entry / Update :</u> NOV1987					
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-2.0 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>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					
WHO	REC	AQ AQ	DRINK PESTI	GL 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>Last Amendment :</u> WHODW*,,,1992					
<u>Effective Date :</u>					
<u>Entry / Update :</u> OCT1992					

Common Name : Perthane

RTECS Number : KH5790000

CAS Number : 72-56-0

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	FOOD	PESTI	MRL	VEGETABLES, FRUITS: 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
EEC	REG	FOOD	PESTI	MRL	PLANT (GENERAL) : 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> : 1978 <u>Last Amendment</u> : OJEC**,,L66,,36,1989 <u>Entry / Update</u> : APR1986
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 15 MG/KG <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME ETHYLANTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference</u> : FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992

Common Name : Petroleum Oil

RTECS Number : SE7175000

CAS Number : 8002-05-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AQ WASTE	MARIN	PRO RSTR CLASS	<p>PROHIBITED SUBSTANCE - NO DUMPING IN OCEAN PERMITTED EXCEPT IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF A PERMIT (IN SPECIAL CIRCUMSTANCES). THE QUANTITY OF CRUDE OIL AND ITS WASTES, REFINED PETROLEUM PRODUCTS, AND ANY MIXTURES CONTAINING ANY OF THESE SUBSTANCES THAT MAY BE CONTAINED IN ANOTHER SUBSTANCE SHALL NOT YIELD MORE THAN 10 MG PER KG OF N-HEXANE SOLUBLE SUBSTANCES. THESE RESTRICTIONS ARE PRESCRIBED BY THE OCEAN DUMPING REGULATIONS, 1988, WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE). THE REGULATIONS SPECIFY THE INFORMATION AND FEES REQUIRED FOR AN APPLICATION TO DUMP SUBSTANCES AT SEA, CONDITIONS FOR A PERMIT TO DUMP AT SEA, AND REPORTS REQUIRED FOR EMERGENCY DUMPING.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,123,23,4490,1989 <u>Effective Date :</u> 19OCT1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>FLASH POINT NOT LESS THAN 23C. PIN (PRODUCT IDENTIFICATION NO.): UN1268. CLASS (3.3): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 46, 89 (PACKING GROUP I); 89 (PACKING GROUP III). PACKING GROUP I OR III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PACKING GROUP I - 1 L; PACKING GROUP III - 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PACKING GROUP I - 30 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 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>FLASH POINT LESS THAN -18C. PIN (PRODUCT IDENTIFICATION NO.): UN1268. CLASS (3.1): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 46 (PACKING GROUP I); 99 (PACKING GROUP II). PACKING GROUP I, II OR III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PACKING GROUP I - 1 L; PACKING GROUP II - 5 L; PACKING GROUP III - 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PACKING GROUP I - 30 L; PACKING GROUP II - 60L; 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 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>FLASH POINT NOT LESS THAN 23C. PIN (PRODUCT IDENTIFICATION NO.): UN1270. 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 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 : Petroleum Oil

RTECS Number : SE7175000

CAS Number : 8002-05-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	FLASH POINT LESS THAN -18C. PIN (PRODUCT IDENTIFICATION NO.): UN1270. CLASS (3.1): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 99 (PACKING GROUP II). PACKING GROUP II OR III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PACKING GROUP II - 5 L; PACKING GROUP III - 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PACKING GROUP II - 60 L; PACKING GROUP III - 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	TRNSP LABEL PACK	-	CLASS RQR	FLASH POINT NOT LESS THAN -18C BUT LESS THAN 23C. PIN (PRODUCT IDENTIFICATION NO.): UN1270. CLASS (3.2): FLAMMABLE LIQUID. PACKING GROUP II OR III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PACKING GROUPII - 5 L; PACKING GROUP III - 60 L. MAXIMUM AMOUNT PER PACKAGE THAT 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 INTHE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	FLASH POINT NOT LESS THAN 23C. PIN (PRODUCT IDENTIFICATION NO.): UN1267. CLASS (3.3): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 89. PACKING GROUP III, (I=GREAT DANGER, III=MINORDANGER). 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 REGULATIONS. 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, <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	FLASH POINT LESS THAN -18C. PIN (PRODUCT IDENTIFICATION NO.): UN1267. CLASS (3.1): FLAMMABLE LIQUID. SPECIAL PROVISIONS: 99 (PACKING GROUP II). PACKING GROUP II OR III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PACKING GROUP II - 5 L; PACKING GROUP III - 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PACKING GROUP II - 60 L; PACKING GROUP III - 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

Common Name : Petroleum Oil

RTECS Number : SE7175000

CAS Number : 8002-05-9

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	FLASH POINT NOT LESS THAN -18C BUT LESS THAN 23C. PIN (PRODUCT IDENTIFICATION NO.): UN1267. CLASS (3.2): FLAMMABLE LIQUID. PACKING GROUP II OR III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PACKING GROUP II - 5 L; PACKING GROUP III - 60 L. MAXIMUM AMOUNT PER PACKAGE THAT 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 ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title</u> : <u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990 <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991
CSK	REG	AQ	SURF DRINK	MAC	0.01 MG/L (APPLIES TO NONPOLAR EXTRACTABLE SUBSTANCES IN DRINKING WATER RESERVE) <u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION <u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	SURF	CLASS	SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW DETECTION LIMIT II CLASS: BELOW 0.05 MG/L III CLASS: BELOW 0.1 MG/L IV CLASS: BELOW 0.3 MG/L V CLASS: ABOVE 0.3 MG/L (APPLIES TO NON-POLAR EXTRACTABLE SUBSTANCES) <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	MAC	0.2 MG/L (APPLIES TO NONPOLAR EXTRACTABLE SUBSTANCES) <u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION <u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	DRINK	MAC	0.05 MG/L (APPLIES TO NONPOLAR EXTRACTABLE SUBSTANCES). <u>Title</u> : WATER QUALITY. DRINKING WATER <u>Reference</u> : CSNOR*,757111,,,1989 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	WASTE	INDST	CLASS RQR	THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE <u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE <u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REC	AQ USE	- INDST	CLASS RQR	PETROLEUM (130/290) 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 : Petroleum Oil

RTECS Number : SE7175000

CAS Number : 8002-05-9

Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AQ USE	- INDST	CLASS RQR	THICK AND SOLID CRUDE OILS ARE 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	AQ USE	- INDST	CLASS RQR	THIN CRUDE OILS ARE 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
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	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. <u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC). <u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AQ AQ	EMI MARIN	RSTR RSTR	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, NON- PERSISTENT OILS AND HYDROCARBONS OF PETROLEUM ORIGIN. <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). <u>Reference</u> : OJEC**,L194,,5,1975 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	QUALITY STANDARD FOR DISSOLVED OR EMULSIFIED HYDROCARBONS (EXTRACTABLE WITH PETROLEUM ETHER) IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER : 0.05 MG/L FOR SIMPLE WATER TREATMENT METHODS, 0.2 MG/L FOR NORMAL METHODS, AND 1 MG/L FOR INTENSIVE METHODS. GUIDELINE VALUES : 0.5 MG/L FOR INTENSIVE METHODS MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES. <u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC) <u>Reference</u> : OJEC**,L194,,26,1975 <u>Effective Date</u> : 25JUL1977 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EEC	REG	AQ	MARIN	RQR	QUALITY STANDARDS FOR SHELLFISH WATERS: PETROLEUM HYDROCARBONS MUST NOT BE PRESENT IN SUCH QUANTITIES AS TO A) PRODUCE A VISIBLE FILM ON THE WATER SURFACE AND/OR A DEPOSIT ON THE SHELLFISH B) HAVE HARMFUL EFFECTS ON THE SHELLFISH. 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 AQ	EMI MARIN	RSTR RSTR	CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO ELIMINATE POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, PERSISTENT OILS AND HYDROCARBONS OF PETROLEUM ORIGIN. <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). <u>Reference</u> : OJEC**,L194,,5,1975 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : APR1986

Common Name : Petroleum Oil

RTECS Number : SE7175000

CAS Number : 8002-05-9

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE LOADING, UNLOADING OR OTHER HANDLING OF THE STORAGE OF, OR THE PHYSICAL, CHEMICAL THERMAL TREATMENT OF CRUDE OIL 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>THE LOADING, UNLOADING OR OTHER HANDLING OF THE STORAGE OF, OR THE PHYSICAL, CHEMICAL THERMAL TREATMENT OF STABILIZED CRUDE PETROLEUM 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	USE	PESTI	PRMT	<p>APPROVED AS AN ACARICIDE AND 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER (DEPENDING ON FLASHPOINT). UN NO. 1267</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	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTE OIL AND OIL EMULSIONS ARE CLASSIFIED AS HAZARDOUS WASTE. THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 1000 KG/YEAR (CALCULATED AS OIL AND OIL EMULSIONS) 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>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.3 MG/L; 0.1 MG/L (APPLIES TO PETROLEUM WITH HIGH SULPHUR CONTENT) 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	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING: 0.05 MG/L; SEA WATER: 0.01 MG/L (APPLIES TO PETROLEUM PRODUCTS INSOLUTION OR EMULSION)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> SEP1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 10.0 MG/M3 (AEROSOL) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>

Common Name : Petroleum Oil**RTECS Number :** SE7175000**CAS Number :** 8002-05-9

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

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. UN NO.1267.
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Title :Reference :Last Amendment : UNTDG*...15,1989Effective Date :Entry / Update : SEP1982

Common Name : Phenmedipham

RTECS Number :

CAS Number : 13684-63-4

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 HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE PMP. 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 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>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A CONTACT HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 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	FOOD	-	MRL ADI	<p>LIMITS FOR SPECIFIED FOOD PRODUCTS : 0.2-0.5 MG/KG ; ADI = 0.08</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: 2.0 MG/M3 (AEROSOL) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
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>

Common Name : **Phenmedipham**

RTECS Number :

CAS Number : **13684-63-4**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 <u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, PHENMEDIPHAM, 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 : Phenol

RTECS Number : SJ3325000

CAS Number : 108-95-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 19 MG/M3 (5 PPM) - SKIN ABSORPTION</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.02 MG/L. PRESCRIBED BY THENATIONAL 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1671. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 102, 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: 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 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 SOLIDPHENOL</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 19 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2312. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 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: 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 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 MOLTEN.</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 : Phenol

RTECS Number : SJ3325000

CAS Number : 108-95-2

Area Type Subject Spec. Description Level / Summary Information :

CAN REG AQ EMI MXL
WASTE

SCHEDULE I - AMOUNTS TO BE USED IN CALCULATING AUTHORIZED DEPOSITS OF DELETERIOUS SUBSTANCES - MONTHLY AMOUNT: 0.3 POUNDS PER 1000 BARRELS OF CRUDE OIL; B) ONE DAY AMOUNT: 0.55 POUNDS PER 1000 BARRELS OF CRUDE OIL; C) MAXIMUM DAILY AMOUNT: 0.75 POUNDS PER 1000 BARRELS OF CRUDE OIL. SCHEDULE II AMOUNTS TO BE USED IN CALCULATING ADDITIONAL AUTHORIZED DEPOSITS OF DELETERIOUS SUBSTANCES WHEN STORM WATER IS BEING DISCHARGED AND LIMITS OF DEPOSITS ARE AUTHORIZED - A) 0.1 POUNDS PHENOLS PER 10,000 CANDIAN GALLONS OF STORM WATER; B) 2.5 POUNDS OF PHENOLS PER MONTH PER 1,000 BARRELS OF CRUDE OIL PER DAY. THESE LIMITS ARE PRESCRIBED BY THE PETROLEUM REFINERY LIQUID EFFLUENT REGULATIONS WHICH FALL UNDER THE FISHERIES ACT, ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND OCEANS. THE REGULATIONS AUTHORIZE THE DEPOSIT OF THESE SUBSTANCES IN EFFLUENT FROM THE REFINERY IF ACTUAL DEPOSITS DO NOT EXCEED LIMITS CALCULATED ON THE BASIS OF THE REFERENCE CRUDE RATE OF THE PARTICULAR REFINERY. SEE REGULATION FOR DETAILS. APPLIES TO PHENOLS.

Title :Reference : CRCAEL,7,828,5225,1978 Effective Date : 01NOV1973Last Amendment : Entry / Update : JUN1991

CAN REG SALE IMPRT CONSM PRO
GOODS LABEL RQR

IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING PHENOL, 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.

Title :Reference : CAGAAK,122,24,4625,1988 Effective Date : 01NOV1988Last Amendment : Entry / Update : MCH1991

CAN REG USE OCC RQR
STORE LABEL

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

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

CAN REG TRNSP - CLASS
LABEL PACK RQR

PIN (PRODUCT IDENTIFICATION NO.): UN2821. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 89, 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. APPLIES TO SOLUTIONS

Title :Reference : CAGAAK,124,26,5523,1990 Effective Date : 06DEC1990Last Amendment : Entry / Update : OCT1991

CAN REG PACK LABEL AGRIC CLASS
USE PESTI

FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS WOOD PRESERVATIVE; HARD-SURFACE DISINFECTANT; INSECTICIDE. (FORMULATION: SOLUTION; PASTE; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE COA. 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 : 11AUG1988Last Amendment : Entry / Update : JUN1991

Common Name : Phenol

RTECS Number : SJ3325000

CAS Number : 108-95-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AQ	DRINK	MAC	0.05 MG/L (APPLIES TO PHENOL AND ITS COMPOUNDS DISTILLING WITH WATER VAPOUR) <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	0.05 MG/L (APPLIES TO PHENOL COMPOUNDS DISTILLING WITH WATER VAPOUR. IN DRINKING WATER RESERVE) <u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION <u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	AQ	SURF	CLASS	SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.002 MG/L II CLASS: BELOW 0.01 MG/L III CLASS: BELOW 0.02 MG/L IV CLASS: BELOW 0.5 MG/L V CLASS: ABOVE 0.5 MG/L (APPLIES TO PHENOLS DISTILLING WITH WATER VAPOUR) <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	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	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	AIR	OCC	MAC	TWA: 20.0 MG/M3; CLV: 40.0 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	AQ	SURF	MAC	0.2 MG/L (APPLIES TO PHENOL COMPOUNDS DISTILLING WITH WATER VAPOUR) <u>Title</u> : GOVERNMENT PROVISION DETERMINING INDICATORS OF ALLOWABLE LEVEL OF WATER CONTAMINATION <u>Reference</u> : SZCSR*,9,125,1975 <u>Effective Date</u> : APR1975 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AQ 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

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Area Type Subject Spec. Description Level / Summary Information :

DEU	REC	AIR	OCC	MAK	8H-TWA: 5 ML/M3 (PPM); 19 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 10 ML/M3 (PPM); 38 MG/M3; CEILING VALUE; 8X/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	REC	AIR	OCC	BAT	URINE: 300 MG/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 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	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 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	AQ	DRINK	MPC	0.0005 MG/L (CALCULATED AS C6H5OH) CORRESPONDING TO ABOUT 0.005 MMOLE/M3. EXCEPT FOR NATURAL PHENOLS WHICH DO NOT REACT WITH CHLORINE. APPLIES TO PHENOLS <u>Title :</u> ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG) <u>Reference :</u> <u>Effective Date :</u> 01JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
EEC	REG	AQ MONIT	DRINK SURF METHD	RQR RQR RQR	REFERENCE METHOD OF MEASUREMENT FOR PHENOLS IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS MAS (4-AMINOANTIPYRINE METHOD) AND PARANITRANILINE METHOD. LIMIT OF DETECTION, PRECISION AND ACCURACY ASWELL 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 DIRECTIVE75/440/EEC - OJEC L194,26,1975. <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) <u>Reference :</u> OJEC**,L271,,44,1979 <u>Effective Date :</u> 09OCT1981 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1987
EEC	REG	FOOD PACK	- ADDIT	- PRMT	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 POLYOLS DERIVED FROM PHENOLS AND BISPHENOLS, HYDROGENATED AND/OR CONDENSED WITH EPOXYALKANES AND/OR ARYLEPOXYALKANES POSSIBLY HALOGENATED, ALKOXYLATED, ARYLOXYLATED). <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> AUG1991

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CAS Number : 108-95-2

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	WASTE	-	RQR	<p>WASTE CONTAINING OR CONTAMINATED BY PHENOLS 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</p> <p><u>Effective Date</u> : 31MCH1980</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : 1992</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 0.5 UG C6H5OH/L, GL : - (OF PHENOLS, EXCLUDING NATURAL PHENOLS WHICH DO NOT REACT TO CHLORINE) (ABSORPTION SPECTROPHOTOMETRY, PARANITROANILINE METHOD AND 4-AMINOANTIPYRINE 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</p> <p><u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : JAN1983</p>
EEC	REG	WASTE EXPR IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY PHENOLS 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</p> <p><u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987</p> <p><u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY UNTIL 1 JANUARY 1993 BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM2 OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985). (APPLIES TO PHENOLS, MONO- AND DIHYDRIC, ALKOXYLATED OR HYDROGENATED).</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</p> <p><u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : AUG1991</p>

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EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR PHENOLS (PHENOL INDEX) P-NITROANILINE, 4-AMINOANTIPYRINE IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.001 MG C₆H₅OH/L FOR SIMPLE WATER TREATMENT METHODS, 0.005 MG/L FOR NORMAL METHODS AND 0.1 MG/L FOR INTENSIVE METHODS. GUIDELINE VALUES: 0.001 MG/L FOR NORMAL METHODS AND 0.01 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	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 POLYOLS DERIVED FROM PHENOLS AND BISPHENOLS, HYDROGENATED AND/OR CONDENSED WITH EPOXYALKANES AND/OR ARYLEPOXYALKANES POSSIBLY HALOGENATED, ALKOXYLATED, ARYLOXYLATED).</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	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 PHENOLS AND PHENOL 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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: T - TOXIC; TOXIC IN CONTACT WITH SKIN AND IF SWALLOWED (R 24/25); CAUSES BURNS (R 34); KEEP OUT OF REACH OF CHILDREN (S 2); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24/25); CAUSES BURNS (R 34). FROM 1% TO 5%: XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); IRRITATING TO EYES AND SKIN (R 36/38).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ AQ AQ	SURF FRESH MARIN	RQR RQR RQR	<p>QUALITY STANDARD FOR PHENOLS IN BATHING WATER (EXCEPT WATER INTENDED FOR THERAPEUTIC PURPOSES AND WATER USED IN SWIMMING POOLS): NO SPECIFIC ODOUR AND <=0.05 MG/L OF PHENOL. GUIDELINE VALUE: <=0.005 MG/L OF PHENOL. (REFERENCE METHOD: ABSORPTION SPECTROPHOTOMETRY (4-AAP-METHOD)). MEMBER STATES SHALL SET STANDARDS AT LEAST ASSTRINGENT 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>

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RTECS Number : SJ3325000

CAS Number : 108-95-2

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 PHENOLS, MONO- AND DIHYDRIC, ALKOXYLATED OR HYDROGENATED).</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	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 PHENOLS (ANY MEMBER OF THE SERIES OF PHENOLS OF WHICH THE FIRST MEMBER IS PHENOL AND OF WHICH THE MOLECULAR COMPOSITION VARIES FROM MEMBER TO MEMBER BY ONE ATOM OF CARBON AND TWO ATOMS OF HYDROGEN) EXCEPT IN SUBSTANCES CONTAINING LESS THAN SIXTY PER CENT., WEIGHT IN WEIGHT, OF PHENOLS; COMPOUNDS OF PHENOLS WITH A METAL, EXCEPT IN SUBSTANCES CONTAINING LESS THAN THE EQUIVALENT OF SIXTY PER CENT., WEIGHT IN WEIGHT, OF PHENOLS)</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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : TOXIC SUBSTANCE. EMERGENCY ACTION CODE : 2X (APPLIES TO MOLTEN PHENOL)</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	AQ MONIT	SURF	RQR RQR	<p>BATHING WATERS SHALL BE CLASSIFIED BW1 IF AMONGST OTHER CRITERIA THEIR CONTENT IN PHENOLS IS LOWER OR EQUAL TO 0.05 MG C₆H₅OH/LITRE AND THEY RELEASE NO SPECIFIC ODOUR. ANALYSIS AND INSPECTION IS BY ABSORPTION SPECTROPHOTOMETRY AND 4-AMINOANTIPYRINE (4AAP) METHOD. 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	MANUF AIR	INDST EMI	RQR RSTR	<p>THE MANUFACTURE OF ANY PHENOL IF THE PROCESS MAY RESULT IN THE RELEASE OF THE SUBSTANCE INTO THE AIR (OTHER THAN IN PROCESSES INVOLVING RUBBER), IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE 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	AIR	OCC	OES	<p>8H-TWA: 19 MG/M³ (5 PPM). STEL (10 MIN-TWA): 38 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>

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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 B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.
<p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>					
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR 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 CARBOLIC OIL).
<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: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO MOLTEN PHENOL). UN NO.2312.
<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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO PHENOL SOLUTIONS). UN NO.2821.
<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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO SOLID PHENOL). UN NO.1671.
<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>					

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Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE 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>
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTES CONTAINING THE SUBSTANCE ARE CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO ALL PHENOLS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 5 KG/YEAR (CALCULATED AS PHENOLS) 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: 19 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>
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 5 MG/L OF ALL PHENOLS, CALCULATED AS PHENOL</p> <p><u>Title</u> : NATIONAL EFFLUENT STANDARDS</p> <p><u>Reference</u> : QEJPN*,,,352-253,1989 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AQ	DRINK	MXL	<p>THE CONCENTRATION OF PHENOL IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 0.005 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 19 MG/M3 (5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 38 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>
MEX	REG	AQ	AMBI	MPC	<p>0.01 MG/L IN COASTAL WATERS (APPLIES TO PHENOLS)</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>

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MEX	REG	AQ	AMBI	MPC	0.1 MG/L IN ESTUARIES (APPLIES TO PHENOLS) <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) 0.001 MG/L OF PHENOLS IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION 2) 1.00 MG/L OF PHENOLS IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES 3) NO LIMITS SET 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
RUS	REG	AQ	SURF	MAC CLASS	1 UG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.3 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 1 UG/L <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,,1978 <u>Entry / Update :</u> JUN1982
RUS	REG	AIR	AMBI	MAC	0.01 MG/M3 IX/D; 0.003 MG/M3 AV/D; 0.007 MG/M3 1X/D (APPLIES TO SHALE PHENOLS). <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: 4 MG/M3 (1 PPM); 15 MIN - STEL: 8 MG/M3 (2 PPM). SKIN ABSORPTION. (IN GASEOUS FORM THE SUBSTANCE CAN BE ABSORBED TO A SUBSTANTIAL DEGREE THROUGH THE SKIN.) <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: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO PHENOL SOLUTIONS). UN NO.2821. <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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO MOLTEN PHENOL). UN NO.2312. <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. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO SOLID PHENOL). UN NO.1671. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,,15,1989 <u>Entry / Update :</u> SEP1982

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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 PHENOLS AND PHENOL COMPOUNDS INCLUDING CHLOROPHENOLS 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) 5 PPM, 19 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,90,117,176,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,176,1990 <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> _____ : 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	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	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)]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	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>

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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> : 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>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME PHENOL, AND SALTSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D</p> <p><u>Reference</u> : 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>
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> : 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	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, 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 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 : Phenol

RTECS Number : SJ3325000

CAS Number : 108-95-2

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	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>FOR USE AS PRESERVATIVE ONLY.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	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 250 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON. LIQUID: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AN D 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 : Phenthoate

RTECS Number : AI7875000

CAS Number : 2597-03-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	-	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.4 MG/KG; SECURITY INTERVAL: 21 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDONGON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,2,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). <u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS 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
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.003 MG/KG BW; MRL: CITRUS FRUIT: 1 MG/KG; CARCASE MEAT OF CATTLE, EGGS, RICE (HULLED): 0.05 MG/KG; MILK: 0.01 MG/KG (EXPRESSED AS PHENTHOATE) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,128-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 100-70% A.I. (SOLID OR LIQUID) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,6222,1990 <u>Entry / Update :</u> JAN1991
JPN	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.05-0.1 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
RUS	REG	SOIL	-	PSL	0.4 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> MCH1982 <u>Last Amendment :</u> ODKPP*,2530-82,,,1982 <u>Entry / Update :</u> OCT1985

Common Name : **Phenthoate**RTECS Number : **AI7875000**CAS Number : **2597-03-7**

<u>Area</u>	<u>Type</u>	<u>Subject</u>	<u>Spec.</u>	<u>Description</u>	<u>Level / Summary Information :</u>
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: 0.1 MG/KG. ADI = 0.003 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	OCC	MAC CLASS	<p>CLV: 0.15 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>
SWE	REG	FOOD	PESTI	MTC	<p>CITRUS FRUITS: 1.0 MG/KG.</p> <p><u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference :</u> SLVFS*,1983:1,,,1983</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 100-70% A.I. (SOLID OR 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> APR1986</p>
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME PHENTHOATE; 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>Last Amendment :</u> FEREAC,54,100,22706,1989</p> <p><u>Effective Date :</u> 1988</p> <p><u>Entry / Update :</u> JAN1992</p>

Common Name : m-Phenylenediamine

RTECS Number : SS7700000

CAS Number : 108-45-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	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>
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). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT. LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 1% TO 5%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO PHENYLENEDIAMINES(O-,M-,P-)). UN NO.1673.</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: 0.1 MG/M3; (VAPOUR, AEROSOL) HAZ. 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> 1JAN1989</p> <p><u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.1 MG/M3 (AEROSOL, VAPOUR) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Effective Date :</u> 01JAN1989</p> <p><u>Entry / Update :</u> MAY1990</p>

Common Name : m-Phenylenediamine

RTECS Number : SS7700000

CAS Number : 108-45-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO PHENYLENEDIAMINES(O-,M-,P-)), UN NO.1673. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LIMITED IN CARGO AIRCRAFT. NOT LISTED IN CARGO AND PASSENGER VESSELS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title :</u> HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference :</u> CFRUS*,49,172,101,1984 <u>Last Amendment :</u> CFRUS*,49,172,101,1990 <u>Effective Date :</u> OCT1991 <u>Entry / Update :</u> NOV1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREAC,47,,26998,1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Effective Date :</u> 1982 <u>Entry / Update :</u> OCT1991

Common Name : **o-Phenylenediamine**RTECS Number : **SS7875000**CAS Number : **95-54-5**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>
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). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT. LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 1% TO 5%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO PHENYLENEDIAMINES(O-,M-,P-)) UN NO.1673.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (AEROSOL, 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>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.01 MG/L HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989</p> <p><u>Entry / Update :</u> JUL1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO PHENYLENEDIAMINES(O-,M-,P-)) UN NO.1673.</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>

Common Name : o-Phenylenediamine

RTECS Number : SS7875000

CAS Number : 95-54-5

Area Type Subject Spec. Description Level / Summary Information :

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

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

Common Name : p-Phenylenediamine

RTECS Number : SS8050000

CAS Number : 106-50-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.1 MG/M3. SKIN ABSORPTION. <u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991 <u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991
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	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> : AUG1991
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: 0.1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.2 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. DANGER OF SENSITIZATION. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	CLASS LABEL PACK	-	CLASS RQR 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 : p-Phenylenediamine

RTECS Number : SS8050000

CAS Number : 106-50-3

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 BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). XI - IRRITANT; MAY CAUSE SENSITIZATION BY SKIN CONTACT. LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); 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). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 1% TO 5%: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). IT MUST BE STATED ON THE LABEL WHETHER IT IS A SPECIFIC ISOMER OR A MIXTURE OF ISOMERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.1 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	AIR	OCC	OES	<p>8H-TWA: 0.1 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO PHENYLENEDIAMINES(O-,M-,P-)) UN NO.1673.</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 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 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 : p-Phenylenediamine

RTECS Number : SS8050000

CAS Number : 106-50-3

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.05 MG/M3 (AEROSOL, VAPOUR) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988	<u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988	<u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.1 MG/M3; 15 MIN - STEL: 0.3 MG/M3. SKIN ABSORPTION. 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: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO PHENYLENEDIAMINES(O-,M-,P-)) UN NO.1673. <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 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 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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	NOT LIMITED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. NOT LIMITED IN CARGO AIRCRAFT. NOT LISTED IN CARGO AND PASSENGER VESSELS. 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 : **p-Phenylenediamine**RTECS Number : **SS8050000**CAS Number : **106-50-3**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 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	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>

Common Name : **Phenyl Ether**RTECS Number : **KN8970000**CAS Number : **101-84-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 7 MG/M3 (1 PPM), 15 MIN - STEL: 14 MG/M3 (2 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES) (APPLIES TO VAPOUR).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 1 PPM, 7 MG/M3; STEL: 2 PPM, 14 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>
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 WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6*,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 1 ML/M3 (PPM); 7 MG/M3 (20C, 101.3 KPA). APPLIES TO DIPHENYL ETHER VAPOUR AND TO DIPHENYL ETHER/BIPHENYL MIXTURE VAPOUR.</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 : Phenyl Ether

RTECS Number : KN8970000

CAS Number : 101-84-8

Area Type Subject Spec. Description Level / Summary Information :

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

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

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

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

GBR	REG	TRNSP	MARIN	RQR	CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED
		AQ	MARIN	RSTR	CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE
		AQ	EMI	RSTR	SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE
		AQ	EMI	MAC	OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO DIPHENYL ETHER AS MIXTURE WITH DIPHENYL).

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

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

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

GBR	REG	TRNSP	MARIN	RQR	CATEGORY A SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; PRESCRIBED
		AQ	MARIN	RSTR	CONCENTRATION AT OR BELOW WHICH TANK WASHINGS MAY BE DISCHARGED OUTSIDE
		AQ	EMI	RSTR	SPECIAL AREAS: 0.1% BY WEIGHT; WITHIN SPECIAL AREAS: 0.05% BY WEIGHT. THE DISCHARGE
		AQ	EMI	MAC	OF RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO DIPHENYL ETHER AS MIXTURE WITH DIPHENYL PHENYL ETHER).

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

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

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

GBR	REG	AIR	OCC	OES	INTENDED LIMIT: 8H-TWA: 7 MG/M3 (1 PPM) (VAPOUR)
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Title : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS

Reference : GBRSI*,1657,,10,1988 Effective Date : 01JAN1992

Last Amendment : GNHSE*,EH40,,11,1992 Entry / Update : 1992

MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 7 MG/M3 (1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 14 MG/M3 (2 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.
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Title : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).

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

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

RUS	REG	AIR	AMBI	PSL	0.03 MG/M3 1X/D
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Title :

Reference : Effective Date : DEC1983

Last Amendment : OBUAV*,2947-83,,1983 Entry / Update : SEP1985

RUS	REG	AIR	OCC	MAC CLASS	CLV : 5.0 MG/M3 (VAPOUR) HAZARD CLASS: III
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Title :

Reference : Effective Date : 01JAN1989

Last Amendment : GOSTS*,12.1.005,,1988 Entry / Update : MAY1990

Common Name : Phenyl Ether

RTECS Number : KN8970000

CAS Number : 101-84-8

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 1 PPM, 7.0 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 2 PPM, 14 MG/M3 /VAPOR/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	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 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 : Phenyl Hydrazine

RTECS Number : MV8925000

CAS Number : 100-63-0

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 20 MG/M3 (5 PPM), 15 MIN - STEL: 45 MG/M3 (10 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION, POTENTIAL CARCINOGEN.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 22 MG/M3; STEL: 10 PPM, 45 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.): UN2572. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 102. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 1.0 MG/M3, CLV: 2.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	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 : Phenyl Hydrazine

RTECS Number : MV8925000

CAS Number : 100-63-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 5 ML/M3 (PPM); 22 MG/M3 (20C, 101.3 KPA). DANGER OF CUTANEOUS ABSORPTION. DANGER OF SENSITIZATION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. <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
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). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); IRRITATING TO EYES (R 36); 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). <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: 20 MG/M3 (5 PPM). STEL (10 MIN-TWA): 45 MG/M3 (10 PPM). SKIN ABSORPTION. (TO BE REVIEWED) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 2572 <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 20 MG/M3 (5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 45 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	AQ	SURF	MAC CLASS	0.01 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 : Phenyl Hydrazine

RTECS Number : MV8925000

CAS Number : 100-63-0

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. 2572			
					<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, 0.44 MG/M3, SKIN A2. SKIN. A2= SUSPECTED HUMAN CARCINOGEN. THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.			
					<u>Title :</u>	THRESHOLD LIMIT VALUES		
					<u>Reference :</u>	ACGIH*,,11,1989	<u>Effective Date :</u>	1989
					<u>Last Amendment :</u>	ACGIH*,,11,1991	<u>Entry / Update :</u>	DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	295 PPM			
					<u>Title :</u>	POCKET GUIDE TO CHEMICAL HAZARDS		
					<u>Reference :</u>	XPHPAW,90,117,180,1990	<u>Effective Date :</u>	JUN1990
					<u>Last Amendment :</u>	XPHPAW,90,117,180,1990	<u>Entry / Update :</u>	OCT1991

Common Name : Phenyl Mercaptan

RTECS Number : DC5250000

CAS Number : 108-98-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA : 2 MG/M3 (0.5 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: 0.5 PPM, 2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS 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.): UN2337. CLASS (6.1): POISONOUS; CLASS (3): FLAMMABLE LIQUIDS. SPECIAL PROVISIONS: 46, 89. 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. <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	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
GBR	REG	AIR	OCC	OES	8H-TWA: 2 MG/M3 (0.5 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 : Phenyl Mercaptan

RTECS Number : DC5250000

CAS Number : 108-98-5

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: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2337 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2 MG/M3 (0.5 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2337 <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) 0.5 PPM. 2.3 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,11,1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	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 TPO'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>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	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 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	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 : **Phenyl Mercaptan**RTECS Number : **DC5250000**CAS Number : **108-98-5**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992

Common Name : Phenylmercuric Acetate

RTECS Number : OV6475000

CAS Number : 62-38-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	USE	-	PRO	PROHIBITED FOR USE IN CULTIVATION, COMMERCE, STORAGE AND INDUSTRIAL PROCESSING OF TOBACCO. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ADISS*,80,,1971 <u>Effective Date :</u> 21DEC1971 <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> 21DEC1971 <u>Entry / Update :</u> 1982
BRA	REG	USE	AGRIC	PRMT	AUTHORIZED FOR USE IN SEED TREATMENT <u>Title :</u> NORMAS BASICAS <u>Reference :</u> BRAFI*,,,,1969 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> AUG1982
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1674. CLASS (6.1): POISONOUS. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 06DEC1990 <u>Entry / Update :</u> OCT1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS FUNGICIDE (AGRICULTURAL); MATERIAL PRESERVATIVE. (FORMULATION: GRANULAR; SOLUTION; WETTABLE POWDER; DUST OR POWDER). CODE PMA. 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	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 : Phenylmercuric Acetate

RTECS Number : OV6475000

CAS Number : 62-38-4

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,,1,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
GBR	REC	USE	AGRIC PESTI	RSTR	<p>PERMITTED FOR USE AS A LIQUID SEED TREATMENT ON CEREAL AND BEET SEED ONLY. USES OF LIQUIDREASON FOR THE CONTROL ACTION: USES OF LIQUID SEED DRESSINGS TO TREAT OTHER CROPS HAVE BEEN WITHDRAWN BECAUSE OF THE AVAILABILITY OF SUITABLE NON-MERCURIAL ALTERNATIVES WHICH ARE OF MUCH LOWER MAMMALIAN TOXICITY. THE REMAINING USES WILL BE WITHDRAWN WHEN POSSIBLE (SEE ALSO DIRECTIVE 79/117/EEC)</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> NOV1985</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN. NO.1674.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN. NO.1674.</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>28 MG/M3 /MERCURY/</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 : Phenylmercuric Acetate

RTECS Number : OV6475000

CAS Number : 62-38-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVERAGE (TWA) 0.1 MG/M3, SKIN /MERCURY, AS ARYL AND INORGANIC CMPD/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>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>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 FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME PHENYLMERCURY 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	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	SAFTY STORE	INDST INDST	RQR RQR	<p>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.</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 : Phorate

RTECS Number : TD9450000

CAS Number : 298-02-2

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	FOOD FEED	-	MRL MRL	FOODSTUFF: 0.1-3 MG/KG; FEEDSTUFF: 0.5 MG/KG			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	27MCH1969
					<u>Last Amendment :</u>	ALEYP*,18073,,,1969	<u>Entry / Update :</u>	MAY 1985
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.05 MG/M3, 15 MIN - STEL: 0.2 MG/M3 (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>	OCT 1991
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-0.1 MG/KG (=SUMOF PHORATE, ITS SULPHOXIDE, SULPHONES AND OXYGEN ANALOGUES, DETERMINED AS SULPHONE OF OXYGENATED ANALOGUE AND EXPRESSED AS PHORATE); SECURITY INTERVAL: 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.			
					<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): 0.002 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.			
					<u>Title :</u>			
					<u>Reference :</u>	GWQUEQ,,,1989	<u>Effective Date :</u>	1989
					<u>Last Amendment :</u>		<u>Entry / Update :</u>	NOV1991
CAN	REG	AIR	OCC	TLV	TWA: 0.05 MG/M3; STEL: 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>	APR1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED, MANUFACTURING USE AS ACARICIDE, INSECTICIDE. (FORMULATION: GRANULAR). CODE PHR. 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 : Phorate

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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	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>ALL PLANT PRODUCTS: 0.05 MG/KG.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1861,1989 <u>Effective Date :</u> 22MCH1990</p> <p><u>Last Amendment :</u> BGZBAD,,1,481,1990 <u>Entry / Update :</u> DEC1991</p>
DEU	REG	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	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN PHORATE ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASBOUS 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	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>

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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); 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>
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	SAFETY 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>
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	<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	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	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>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
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
IMO	REC	TRNSP LABEL PACK	MARIN	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> #MOC*,,,6222,1990 <u>Entry / Update :</u> JAN1991
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. 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>Effective Date :</u> 27NOV1989 <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992
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	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.05 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.2 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991
RUS	REG	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: 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

Common Name : Phorate

RTECS Number : TD9450000

CAS Number : 298-02-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.05 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 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=10 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	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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF PHORATE OF 65% AND GREATER ARE RESTRICTED FOR ALL USES. ALL GRANULAR FORMULATIONS OF PHORATE ARE RESTRICTED FOR USE ON RICE. THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR.</p> <p><u>Title :</u> PESTICIDES CLASSIFIED FOR RESTRICTED USE</p> <p><u>Reference :</u> FEREAC,43,,5790,1978 <u>Effective Date :</u> 1978</p> <p><u>Last Amendment :</u> CFRUS*,40,152,175,1990 <u>Entry / Update :</u> JAN1992</p>
USA	REG	AQ AQ	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 : Phorate

RTECS Number : TD9450000

CAS Number : 298-02-2

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, PHORATE 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	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	USE SAFTY	PESTI PESTI	RSTR CNTRL	ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF PHORATE OF 65% AND GREATER ARE RESTRICTED FOR ALL USES. ALL GRANULAR FORMULATIONS OF PHORATE ARE RESTRICTED FOR USE ON RICE. THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. <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 : Phosalone

RTECS Number : TD5175000

CAS Number : 2310-17-0

Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT RSTR CLASS	SPECIFIED PLANT PRODUCTS: 0.1-1.0 MG/KG; SECURITY INTERVAL: 14-21 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE AUTHORIZED FOR RESIDENTIAL GARDENING IN FORMULATIONS OF 0.1-0.2% (W/V).
<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	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 1.5-15 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><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,11,1988,1990 <u>Effective Date</u> : 27APR1978</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>					
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS ACARICIDE; INSECTICIDE. (FORMULATION: SUSPENSION; WETTABLE POWDER). CODE PHS. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.
<p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991</p>					
CSK	REG	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>					
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.
<p><u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference</u> : SPPOR*,290,1990 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>					
DEU	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 WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>					
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.1 - 2.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG.
<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>					

Common Name : Phosalone

RTECS Number : TD5175000

CAS Number : 2310-17-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
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	<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>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.0006 MG/KG BW; MRL: CHERRIES: 10 MG/KG; APPLES, GRAPES, PEACHES, PLUMS: 5 MG/KG; BEETROOT, HOPS (DRIED), PEARS: 2 MG/KG; BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CITRUS FRUIT, CUCUMBERS, LETTUCE, PEAS, STRAWBERRIES, TOMATOES: 1 MG/KG; SHEEP (FAT): 0.5 MG/KG; CHESTNUTS (SHELL-FREE BASIS), PECANS (SHELL-FREE BASIS), POTATOES, RAPESEED: 0.1 MG/KG; CARCASE MEAT OF SHEEP: 0.05 MG/KG (EXPRESSED AS PHOSALONE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*,XIII,,60-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>
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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 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: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-60% (SOLID) OR 100-24% (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 : Phosalone

RTECS Number : TD5175000

CAS Number : 2310-17-0

Area Type Subject Spec. Description Level / Summary Information :

IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPEDED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. <u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989 <u>Reference</u> : GAZIN*,787,,1989 <u>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: 4.0-10.0 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
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.1-2.0 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : AUG1984 <u>Last Amendment</u> : MDUPE*,3081-84,,1984 <u>Entry / Update</u> : OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1986 <u>Last Amendment</u> : SCHSB*,1986-90,,1987 <u>Entry / Update</u> : NOV1987
RUS	REG	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 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	AIR	AMBI	MAC	0.01 MG/M3 1X/D, 0.01 MG/M3 AV/D. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : AUG1984 <u>Last Amendment</u> : PDKAV*,3086-84,,1984 <u>Entry / Update</u> : SEP1985

Common Name : Phosalone

RTECS Number : TD5175000

CAS Number : 2310-17-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.5 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1-0.2 MG/KG; ADI = 0.006 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 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	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	SOIL	-	MAC	0.5 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
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>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
SWE	REG	FOOD	PESTI	MTC	MEAT PRODUCTS : 0.05 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-60% (SOLID) OR 100-24% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, PHOSALONE, 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 : Phosfolan

RTECS Number :

CAS Number : 947-02-4

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,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</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 15-4% A.I. (SOLID) OR 15-1% 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>
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>
UN	REC	TRNSP LABEL PACK	-	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 15-4% A.I. (SOLID) OR 15-1% 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	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>

Common Name : Phosgene

RTECS Number : SY5600000

CAS Number : 75-44-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.4 MG/M3 (0.1 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1076. CLASS (2.3): POISON GAS; CLASS (8): CORROSIVE. 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>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.1 PPM, 0.4 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</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	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE THIRD GROUP OF AIR POLLUTANTS (GASEOUS INORGANIC AIR POLLUTANT)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.5 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 : Phosgene

RTECS Number : SY5600000

CAS Number : 75-44-5

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). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.2 ML/M3 (PPM); 0.8 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>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF 10 G/H OR MORE.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	MANUF STORE	INDST INDST	RQR RQR	<p>OPERATORS OF INDUSTRIAL PLANTS WHOSE ACTIVITIES (INCLUDING STORAGE) INVOLVE OR MAY INVOLVE THIS SUBSTANCE IN THE QUANTITIES SPECIFIED (SEE BELOW) ARE OBLIGED TO TAKE ALL MEASURES NECESSARY TO PREVENT MAJOR ACCIDENTS AND TO LIMIT THEIR CONSEQUENCES FOR MAN AND THE ENVIRONMENT. SPECIFIED QUANTITIES: 0.750 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 0.750 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: 750 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 : Phosgene

RTECS Number : SY5600000

CAS Number : 75-44-5

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. MAXIMUM PERMITTED QUANTITY OF THE 'RESIDUAL' SUBSTANCE IN THE MATERIAL OR ARTICLE: 1 MG/KG IN FINISHED MATERIAL OR ARTICLE. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title :</u> COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference :</u> OJEC**,L75,,19,1990 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION (R 26); KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE (S 7/9); AVOID CONTACT WITH SKIN AND EYES (S 24/25); 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	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 2 OR MORE TONS OF PHOSGENE 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	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 750 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 750 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: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: CORROSIVE. UN NO.1076.</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 : **Phosgene**RTECS Number : **SY5600000**CAS Number : **75-44-5****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. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 750KG.</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference</u> : GAZIN*,787,,,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.4 MG/M3 (0.1 PPM)</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.4 MG/M3 (0.1 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	AMBI	PSL	<p>0.003 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 : 0.5 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>
SWE	REG	AIR	OCC	HLV	<p>CLV: 0.2 MG/M3 (0.05 PPM) (15 MIN -TWA).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS**,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE; 8 = CORROSIVE). UN NO.1076.</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>2 PPM</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 : Phosgene

RTECS Number : SY5600000

CAS Number : 75-44-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.1 PPM, 0.40 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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>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	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. ALL SHIPMENTS MUST BE LABELED POISON GAS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>

Common Name : **Phosgene**
 RTECS Number : **SY5600000**

CAS Number : **75-44-5**

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=10 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	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 : Phosmet

RTECS Number : TE2275000

CAS Number : 732-11-6

Area Type Subject Spec. Description Level / Summary Information :

BRA REG FOOD - AL SPECIFIED PLANT PRODUCTS: 0.1-5 MG/KG; SECURITY INTERVAL: 14 DAYS; OTHER USES:
 USE AGRIC PRMT PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST
 USE CONSM PRO TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITTATION: NOT
 CLASS CLASS 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

CAN REG PACK AGRIC CLASS FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL,
 LABEL PESTI CLASS DOMESTIC USE AS ACARICIDE; INSECTICIDE. (FORMULATION: SOLUTION; WETTABLE POWDER;
 USE EMULSIFIABLE CONCENTRATE OR EMULSION). CODE PRT. 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

CAN REG FOOD CONSM MRL TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 1.0-10.0 PPM. THESE LIMITS ARE PRESCRIBED
 LABEL SALE IMPRT PRO AL BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT,
 PACK IMPRT AL 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,,1990

Effective Date : 02DEC1982

Last Amendment :

Entry / Update : MAY1991

CSK REG CLASS - CLASS THIS SUBSTANCE IS CLASSIFIED AS POISON.
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

CSK REG USE AGRIC PRMT SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY
 PRECAUTIONS ARE GIVEN.

Title : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION

Reference : SPPOR*,290,1990

Effective Date : JAN1991

Last Amendment :

Entry / Update : DEC1991

DEU REG FOOD PESTI MRL SPECIFIED PLANT PRODUCTS: 0.1 - 15.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.

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

Reference : BGZBAD,,1,1861,1989

Effective Date : 22MCH1990

Last Amendment : BGZBAD,,1,481,1990

Entry / Update : DEC1991

DEU REG CLASS - CLASS CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE
 LABEL PACK RQR RQR 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

Common Name : Phosmet

RTECS Number : TE2275000

CAS Number : 732-11-6

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 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 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 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: 0.02 MG/KG BW; MRL: KIWI FRUIT: 15 MG/KG; BLUEBERRIES, SWEET POTATOES (WASHED): 10 MG/KG; CITRUS FRUIT: 5 MG/KG; CARCASE MEAT OF CATTLE (IN CARCASE FAT): 1 MG/KG; MAIZE (KERNELS, COBS): 0.2 MG/KG; PEAS (FRESH, DRIED), TREE NUTS (SHELL-FREE BASIS): 0.1 MG/KG; POTATOES: 0.05 MG/KG; MILK: 0.02 MG/KG (EXPRESSED AS SUM OF PHOSMET AND ITS OXYGEN ANALOGUE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*,XIII,,103-IV,1986 <u>Entry / Update :</u> APR1991</p>
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.02 MG/KG BW. MRL: ALFALFA FODDER, ALFALFA FORAGE (GREEN): 40 MG/KG;; KIWI FRUIT: 15 MG/KG; APPLES, BLUEBERRIES, GRAPES, MAIZE FODDER, MAIZE FORAGE, PEACHES, PEA HAY OR FODDER (DRY), PEA VINES (GREEN), PEARS, SWEET POTATOES: 10 MG/KG; APRICOTS, CITRUS FRUIT, NECTARINES: 5 MG/KG; FEJJOA: 2 MG/KG; FAT OF CATTLE MEAT: 1 MG/KG; MILK PRODUCTS (FAT BASIS), PEAS:0.2 MG/KG; TREE NUTS (SHELL-FREE): 0.1 MG/KG; MAIZE, SWEET CORN (CORN ON THE COB), POTATOES: 0.05 MG/KG; PEAS(DRY): 0.02 MG/KG; MILK: 001 MG/KG. (LIMITS REFER TO THE SUM OF PHOSMET AND ITS OXYGEN ANALOGUE).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FPPPDD,92,,56,1988 <u>Entry / Update :</u> JUL1990</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% (SOLID) OR 100-18% (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 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>

Common Name : Phosmet

RTECS Number : TE2275000

CAS Number : 732-11-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 5.0-10.0 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>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED TO USE AS A PESTICIDE: RESTRICTED FOR USE ON SUGAR BEETS & POTATOES REASONS FOR THE CONTROL ACTION: TERATOGENIC <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,, <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
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	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	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	OCC	MAC CLASS	CLV: 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 LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-0.25 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	AQ	SURF	MAC CLASS	0.2 MG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AIR	AMBI	MAC	0.009 MG/M3, 1X/D; 0.004 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	SOIL	-	MAC	0.1 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

Common Name : Phosmet

RTECS Number : TE2275000

CAS Number : 732-11-6

Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-10 MG/KG. <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,1983 <u>Effective Date :</u> 01JAN1990 <u>Last Amendment :</u> SLVFS*,1989:29,,1989 <u>Entry / Update :</u> 1992
SWE	REG	FOOD	PESTI	MTC	MEAT PRODUCTS: 0.1 MG/KG (INCL. THE 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) OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,1983 <u>Effective Date :</u> 01JAN1990 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-45% (SOLID) OR 100-18% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, PHOSMET, 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	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. <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 : Phosphamidon

RTECS Number : TC2800000

CAS Number : 13171-21-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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BRA	REG	FOOD FEED USE USE CLASS	- - AGRIC CONSM	AL AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.02-0.1 MG/KG; SECURITY INTERVAL: 21-37 DAYS; PASTURE: 0.1 MG/KG (INTERVAL BETWEEN TREATMENT AND ENTERING OF ANIMALS INTO THE GRAZING AREAS: 21 DAYS; PROVISIONAL TOXICITY CLASS: I (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED. <u>Title</u> : SUBSTANCIAS COM 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	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.05-0.5 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 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	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	VEGETABLES, FRUITS: 0.15 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992

Common Name : Phosphamidon

RTECS Number : TC2800000

CAS Number : 13171-21-6

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 PHOSPHAMIDON 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>
EEC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 0.05 MG/KG</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC).</p> <p><u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988</p> <p><u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC. VERY TOXIC IF SWALLOWED (R 28). T - TOXIC; TOXIC IN CONTACT WITH SKIN (R 24). MUTA. CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: T+ - VERY TOXIC; TOXIC IN CONTACT WITH SKIN; VERY TOXIC IF SWALLOWED (R 28); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY 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 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): 0.15 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> :</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>
FAW	REC	FOOD FOOD	-	ADI MRL	<p>ADI(TEMPORARY): 0.0005 MG/KG BW; MRL (TEMPORARY): APPLES, PEARS: 0.5 MG/KG; CITRUS FRUIT: 0.4 MG/KG; BEANS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CARROTS, CELERIAC, CHERRIES, COLE CROPS, GREEN PEPPERS, PEACHES, PEAS, PLUMS, SPINACH, STRAWBERRIES: 0.2 MG/KG; CEREAL GRAINS, CUCUMBERS, LETTUCE, TOMATOES, WATERMELONS: 0.1 MG/KG; ROOT VEGETABLES (INCLUDING POTATOES): 0.05 MG/KG (EXPRESSED AS SUM OF PHOSPHAMIDON (E- AND Z-ISOMERS) AND N-DESETHYL-PHOSPHAMIDON (E- AND Z-ISOMERS))</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : FAOCA*,XIII,,61-IV,1986 <u>Entry / Update</u> : APR1991</p>

Common Name : Phosphamidon

RTECS Number : TC2800000

CAS Number : 13171-21-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
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>Last Amendment :</u></p> <p><u>Effective Date :</u> 1APR1982</p> <p><u>Entry / Update :</u> JAN1983</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> 02AUG1986</p> <p><u>Entry / Update :</u> 1992</p>
GBR	REG	SALE		RSTR	<p>THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY(GBRSI* 218,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> GBRSI*,1077,,1,1985</p> <p><u>Effective Date :</u> 01JAN1986</p> <p><u>Entry / Update :</u> FEB1986</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,1984</p> <p><u>Last Amendment :</u> GBRSI*,2325,,1990</p> <p><u>Effective Date :</u> 31DEC1990</p> <p><u>Entry / Update :</u> SEP1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- > 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>Last Amendment :</u> IMCOC*,,,6222,1990</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</p>

Common Name : Phosphamidon

RTECS Number : TC2800000

CAS Number : 13171-21-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE 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: 0.1-1.0 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>
SWE	REG	FOOD	PESTI	MTC	<p>PLANT (SPECIFIED) : 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>
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> : PFBEK*,,,1991 <u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 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>Last Amendment</u> : UNTDG*,,,162,1989 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : MAY1986</p>

Common Name : **Phosphamidon**RTECS Number : **TC2800000**CAS Number : **13171-21-6**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 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 PHOSPHAMIDON OF 75% AND GREATER ARE RESTRICTED FOR ALL USES. DUST FORMULATIONS WITH PHOSPHAMIDON OF 1.5% 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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, PHOSPHAMIDON, 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL LIQUID FORMULATIONS WITH A CONCENTRATION OF PHOSPHAMIDON OF 75% AND GREATER ARE RESTRICTED FOR ALL USES. DUST FORMULATIONS WITH PHOSPHAMIDON OF 1.5% 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 : Phosphine

RTECS Number : SY7525000

CAS Number : 7803-51-2

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.4 MG/M3 (0.3 PPM), 15 MIN - STEL : 1 MG/M3 (1 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	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.01-0.1 MG/KG; SECURITY INTERVAL: 4 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*,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: 0.3 PPM, 0.4 MG/M3; STEL: 1 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.): UN2199. CLASS (2.3): POISON GAS; CLASS (2.1): FLAMMABLE GAS. SPECIAL PROVISIONS: 46, 48, 56, 79, 88, 99, 102. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: PROHIBITED. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 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: 0.1 MG/M3; CLV: 0.2 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>

Common Name : Phosphine

RTECS Number : SY7525000

CAS Number : 7803-51-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.01-0.1 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
CSK	REG	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE THIRD GROUP OF AIR POLLUTANTS (GASEOUS INORGANIC AIR POLLUTANT) <u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS <u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
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
CSK	REG	FEED	-	MXL	MXL: 0.01 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.01-0.02 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	MAK	8H-TWA: 0.1 ML/M3 (PPM); 0.15 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 ML/M3 (PPM); 0.30 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>Entry / Update :</u> JAN1992
DEU	REC	AQ USE	-	CLASS RQR	INDST 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>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,,1,1891,1991 <u>Effective Date :</u> 01SEP1991 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991

Common Name : Phosphine

RTECS Number : SY7525000

CAS Number : 7803-51-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.01 - 0.1 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF PHOSPHINE AND PHOSPHIDES, CALCULATED AS PHOSPHINE. <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: 0.01 MG/KG. APPLIES TO THE SUM OF PHOSPHINE AND PHOSPHIDES, CALCULATED AS PHOSPHINE. <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 IMPRT	PESTI	RSTR RSTR	APPLICATION OF PHOSPHINE GENERATING COMPOUNDS (EXCEPT ZINC PHOSPHIDE AS RODENTICIDE BAIT) ONLY ADMISSABLE FOR FUMIGATION: 1. IN WAREHOUSES, STORAGE ROOMS, COMPARTMENTS OF A SILO, 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 A) AGAINST MICE (ARVICOLA TERRESTRIS L.), B) AGAINST HAMSTERS (CRICETUS CRICETUS L.) AND MOLES (TALPA EUROPAEA L.) ONLY WITH THE APPROVAL OF THE COMPETENT AUTHORITY. PHOSPHINE GENERATING COMPOUNDS (EXCEPT ZINC PHOSPHIDE AS RODENTICIDE BAIT) 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 PHOSPHINE GENERATING COMPOUNDS MAY NOT BE IMPORTED EXCEPT WHEN PHOSPHINE GENERATING COMPOUNDS WERE APPLIED FOR THE ABOVE USES. <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	AIR	EMI	MPC	IN AIR EMISSIONS THE CONCENTRATION MUST NOT EXCEED 1 MG/M3 AT A MASS FLOW OF 10 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
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
EEC	REG	FOOD	PESTI	MRL	CEREALS (GENERAL): 0.1 MG/KG (APPLIES TO PHOSPHIDES, EXPRESSED AS HYDROGEN PHOSPHIDE). <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
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: NOT ALLOCATED, GOOD USAGE PRACTICES SHOULD ENSURE THAT RESIDUES ARE NOT PRESENT AT TIME OF CONSUMPTION; MRL: CEREAL GRAINS:0.1 MG/KG; BREAKFAST CEREALS, COCOA BEANS, DRIED FOODS, DRIED FRUIT, DRIED VEGETABLES, FLOUR AND OTHER MILLED CEREAL PRODUCTS, NUTS, PEANUTS, SPICES: 0.01 MG/KG (IT INCLUDES ALL PHOSPHIDES, EXPRESSED AS HYDROGEN PHOSPHIDE) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,46-IV,1986 <u>Entry / Update</u> : APR1991
GBR	REG	AIR	OCC	OES	8H-TWA: 0.4 MG/M3 (0.3 PPM). STEL (10 MIN-TWA): 1 MG/M3 (1 PPM). (TO BE REVIEWED) <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992

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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> 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.1 MG/KG FOOD (EXPRESSED AS HYDROGEN PHOSPHIDE) (APPLIES TO PHOSPHIDE 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> GBR SI*,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: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: FLAMMABLE GAS. UN. NO.2199.</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 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	REC	FOOD EXPRT IMPRT	-	MRL	<p>LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.01-0.1 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	AIR	OCC	MAC CLASS	<p>CLV : 0.1 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	AIR	AMBI	MAC	<p>0.01 MG/M3 1X/D, 0.001 MG/M3 AV/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> AUG1984</p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985</p>

Common Name : Phosphine

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RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,1987	<u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.4 MG/M3 (0.3 PPM); 15 MIN - STEL: 1.4 MG/M3 (1 PPM) <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS**,1990:13,,5-64,1990 <u>Last Amendment :</u>	<u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (SUBSIDIARY RISKS: 3 = INFLAMMABLE LIQUID; 6.1 = POISONOUS SUBSTANCE). UN. NO.2199. <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	200 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,180,1990 <u>Last Amendment :</u> XPHPAW,90,117,180,1990	<u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.3 PPM, 0.42 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 1 PPM, 1.4 MG/CUTTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991	<u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION, ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990	<u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992
USA	REG	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>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 AJR 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

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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	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 SEGREGATED AS FOR FLAMMABLE GASES. ALL SHIPMENTS MUST BE LABELED POISON GAS AND FLAMMABLE GAS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	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 : Phosphoric Acid

RTECS Number : TB6300000

CAS Number : 7664-38-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1 MG/M3; 15 MIN - STEL: 3 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title :</u> BLIMIT 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	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 PHOSPHORIC ACID AND HAS A PH OF 2.5OR 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 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.</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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS HARD-SURFACE DISINFECTANT. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; SOLUTION). CODE PHA. 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 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>
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 : Phosphoric Acid

RTECS Number : TB6300000

CAS Number : 7664-38-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	LIQUID OR SOLID. PIN (PRODUCT IDENTIFICATION NO.): UN1805. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. 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 (LIQUID). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L (LIQUID). 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	FOOD	-	MPC	LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 4-8G/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	FOOD GOODS	-	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE PLASTIC MATERIALS: 10 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	FEED USE	ADDIT ADDIT	MXL PRMT	MXL: 2.0 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
DEU	REC	AQ USE	-	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 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	AQ WASTE	GRND REMOV	RQR RSTR	MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOPHOSPHORUS 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

Common Name : **Phosphoric Acid**RTECS Number : **TB6300000**CAS Number : **7664-38-2**Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FOOD	ADDIT	PRMT	<p>THE SUBSTANCE MAY BE ADDED AS AN ANTIOXIDANT TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. PURITY CRITERIA ARE LAID DOWN IN EC DIRECTIVE 78/664/EEC, OJEC L223, 30, 1978.</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	FEED	ADDIT	PRMT	<p>ORTHOPHOSPHORIC ACID MAY BE ADDED AS A PRESERVATIVE (EEC NO E338) TO FEEDINGSTUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES. LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319,13,1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference :</u> OJEC**L270,,1,1970 <u>Effective Date :</u> 1DEC1987</p> <p><u>Last Amendment :</u> OJEC**L334,,62,1991 <u>Entry / Update :</u> SEP1987</p>
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR PHOSPHATES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: -. GUIDELINE VALUES: 0.4 MG P2O5/L FOR SIMPLE WATER TREATMENT METHODS AND 0.7 MG P2O5/L FOR NORMAL AND INTENSIVE METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE GIVEN IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)</p> <p><u>Reference :</u> OJEC**L194,,26,1975 <u>Effective Date :</u> 25JUL1977</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1986</p>
EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR PHOSPHATES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS MAS. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p><u>Reference :</u> OJEC**L271,,44,1979 <u>Effective Date :</u> 09OCT1981</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: C - CORROSIVE; CAUSES BURNS (R 34). LABEL: C - CORROSIVE; CAUSES BURNS (R 34); 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). FROM 10% TO 25%: XI - HARMFUL; 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>
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: ACIDITY REGULATOR; ADI: 0-70 MG/KG BW (AS PHOSPHORUS INCLUDING THE TOTAL P INTAKE FROM FOOD AND FOOD ADDITIVES); MXL: PROCESSED CHEESES, PROCESSED CHEESES PREPARATIONS: 9 G/KG (TOTAL PHOSPHORUS COMPOUNDS ADDED, CALCULATED AS P); CANNED CRAB MEAT: 5 G/KG (SINGLY OR IN COMBINATION WITH DISODIUM DIPHOSPHATE, CALCULATED AS P2O5); COCOA POWDERS AND DRY COCOA-SUGAR MIXTURES, COCOA NIB AND COCOA DUST, COCOA MASS AND COCOA PRESS CAKE: 2.5 G/KG (ON THE COCOA FRACTION, EXPRESSED AS P2O5); CHOCOLATE: AS A CARRY-OVER FROM THE RAW MATERIALS (2.5 G/KG EXPRESSED AS P2O5 ON THE COCOA FRACTION); CANNED SHRIMPS OR PRAWNS: 0.85 G/KG; EDIBLE FATS AND OILS, EDIBLE LOW ERUCIC ACID RAPESEED OIL, EDIBLE COCONUT OIL, EDIBLE PALM OIL, EDIBLE PALM KERNEL OIL, EDIBLE GRAPESEED OIL, EDIBLE BABASSU OIL, LARD, RENDERED PORK FAT, PREMIER JUS, EDIBLE TALLOW, EDIBLE SOYABEAN OIL, EDIBLE ARACHIS OIL, EDIBLE COTTONSEED OIL, EDIBLE SUNFLOWERSEED OIL, EDIBLE RAPESEED OIL, EDIBLE MAIZE OIL, EDIBLE SESAMESEED OIL, EDIBLE SAFFLOWERSEED OIL, EDIBLE MUSTARDSEED OIL: 0.1 G/KG (SINGLY OR IN COMBINATION WITH ISOPROPYL CITRATE MIXTURE AND MONOGLYCERIDE CITRATE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1983</p> <p><u>Last Amendment :</u> FAOCA*,XIV,,52,1983 <u>Entry / Update :</u> MAY1991</p>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	CLASS		CLASS	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	AQ	DRINK	RQR	A PERSON SEEKING RECOGNITION OF A NATURAL MINERAL WATER (WATER WHICH ORIGINATES IN A GROUND BODY OR DEPOSIT AND IS EXTRACTED FOR HUMAN CONSUMPTION) SHALL MAKE APPLICATION TO THERELEVANT AUTHORITIES GIVING THE CONCENTRATION OF PHOSPHORIC ACID EXPRESSED AS P2O5 MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE. (APPLIES TO PHOSPHATE) <u>Title :</u> THE NATURAL MINERAL WATERS REGULATIONS 1985 <u>Reference :</u> GBRSI*,71,,1985 <u>Effective Date :</u> 21FEB1985 <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1986
GBR	REG	TRNSP AQ	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: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 2R <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: 1 MG/M3; STEL (10 MIN-TWA): 3 MG/M3. <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	ANY PROCESS FOR THE MANUFACTURE OF PHOSPHORIC ACID 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. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBRSI*,472,,1991 <u>Effective Date :</u> 01APR1991 <u>Last Amendment :</u> <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. 1805 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991

Common Name : Phosphoric Acid

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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 PHOSPHORIC ACID AND ITS ESTERS)</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 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>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS YEAST FOOD. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,406,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVES PERMITTED AS SEQUESTERING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,401,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,374,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
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 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.</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>0.02 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	PSL	<p>1 MG/M3 MEASURED AS THE CONCENTRATION OF P2O3 (AEROSOL).</p> <p><u>Title</u> : TENTATIVE SAFE EXPOSURE LEVELS OF HARMFUL SUBSTANCES IN OCCUPATIONAL AIR</p> <p><u>Reference</u> : OBUVR*,5203-90,,1-13,1990 <u>Effective Date</u> : 07DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>

Common Name : Phosphoric Acid

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	ID-TWA: 1 MG/M3 OF MIST. 15 MIN - STEL: 3 MG/M3 OF MIST <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	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. KEMIKALINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference</u> : PFBEK*,,,1991 <u>Effective Date</u> : **APR1992 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1805 <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	10000 MG/M3 <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	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 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. <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 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. FOR VESSEL SHIPMENTS GLASS CARBOYS IN HAMPERS NOT PERMITTED UNDER 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>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

Common Name : Phosphoric Acid

RTECS Number : TB6300000

CAS Number : 7664-38-2

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	AQ 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> : FERECAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	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. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FERECAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FERECAC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992

Common Name : Phosphorous

RTECS Number : TH3500000

CAS Number : 7723-14-0

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.1 MG/M3 (APPLIES TO YELLOW PHOSPHORUS)</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	GOODS	FUEL	MPC	<p>THE MAXIMUM CONCENTRATION OF PHOSPHORUS IN UNLEADED GASOLINE IS 1.3 MG/L. THIS LIMIT IS 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	TRNSP LABEL PACK	-	CLASS RQR	<p>MOLTEN. PIN (PRODUCT IDENTIFICATION NO.): UN2447. CLASS (4.2): FLAMMABLE SOLID; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 99,109, 118. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 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 TO WHITE PHOSPHORUS)</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	GOODS	-	MPC	<p>THE CONCENTRATION OF PHOSPHORUS IN ANY LAUNDRY DETERGENT SHALL NOT EXCEED 5 PER CENT BY WEIGHT EXPRESSED AS PHOSPHORUS PENTOXIDE OR 2.2 PER CENT BY WEIGHT EXPRESSED AS ELEMENTAL PHOSPHORUS. THESE LIMITS ARE PRESCRIBED BY THE PHOSPHORUS CONCENTRATION REGULATIONS WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT (ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENTAL AND NATIONAL HEALTH AND WELFARE). THE REGULATIONS PRESCRIBE THE MAXIMUM CONCENTRATION OF PHOSPHORUS IN LAUNDRY DETERGENTS.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,123,23,4510,1989 <u>Effective Date :</u> 19OCT1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>

Common Name : Phosphorous

RTECS Number : TH3500000

CAS Number : 7723-14-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>DRY OR UNDER WATER OR IN SOLUTION. PIN (PRODUCT IDENTIFICATION NO.): UN1381. CLASS (4.2): FLAMMABLE SOLID; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 99, 102, 109, 118. PACKING GROUP I, (I=GREATDANGER, 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. (APPLIES TO WHITE OR YELLOW PHOSPHORUS)</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: 0.1 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". (APPLIES TO YELLOW PHOSPHORUS)</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.): UN1338. CLASS (4.1): FLAMMABLE SOLID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 48, 56, 109. PACKING GROUP III, (I=GREATDANGER, 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. (APPLIES TO AMORPHOUS, RED PHOSPHORUS)</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	AIR	OCC	MAC	<p>TWA: 0.03 MG/M3; CLV: 0.06 MG/M3 (APPLIES TO WHITE PHOSPHORUS)</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. (APPLIES TO WHITE PHOSPHORUS)</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 : Phosphorous

RTECS Number : TH3500000

CAS Number : 7723-14-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.03 MG/L II CLASS: BELOW 0.15 MG/L III CLASS: BELOW 0.4 MG/L IV CLASS: BELOW 1.0 MG/L V CLASS: ABOVE 1.0 MG/L (APPLIES TO TOTAL CONTENT OF PHOSPHORUS, CALCULATED AS P)</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>INORGANIC AND ORGANIC PHOSPHORUS COMPOUNDS AND PURE PHOSPHORUS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 MG/M3; CEILING VALUE; 8X/SHIFT. APPLIES TO YELLOW PHOSPHORUS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AQ	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 PHOSPHORUS OF 0.1 MG/L AND AN ANNUAL AMOUNT OF 15 KG. THE CHARGE PER HARMFUL UNIT WHICH CORRESPONDS TO 3 KG OF PHOSPHORUS AMOUNTS TO 50 GERMAN MARKS SINCE 01 JANUARY 1991. IT WILL BE INCREASED EVERY SECOND YEAR UP TO 90 GERMAN MARKS AS OF 01 JANUARY 1999.</p> <p><u>Title</u> : SEWAGE CHARGE LAW (ABWASSERABGABENGESETZ)</p> <p><u>Reference</u> : BGZBAD,,I,2432,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	AQ	DRINK	MPC	<p>6.7 MG/L (CALCULATED AS PO4(3-)) CORRESPONDING TO ABOUT 70 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE + 0.1 MG/L. THE MAXIMUM PERMISSIBLE CONCENTRATION CORRESPONDS TO 5 MG/L OF P2O5.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	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. (APPLIES TO WHITE PHOSPHORUS)</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 : Phosphorous

RTECS Number : TH3500000

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Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH WHITE OR YELLOW PHOSPHORUS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH WHITE OR YELLOW PHOSPHORUS 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 WHITE OR YELLOW PHOSPHOURS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 5000 UG P205/L, GL : 400 UG P205/L (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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: EXPLOSIVE WHEN MIXED WITH OXIDIZING SUBSTANCES. F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). LABEL: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11); EXPLOSIVE WHEN MIXED WITH OXIDISING SUBSTANCES (R 16); KEEP CONTAINER TIGHTLY CLOSED (S 7); IN CASE OF FIRE, USE... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - 'NEVER USE WATER') (S 43). (APLIES TO WHITE PHOSPHORUS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; SPONTANEOUSLY FLAMMABLE IN AIR (R 17). T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28). C - CORROSIVE; CAUSES SEVERE BURNS (R 35). LABEL: F - HIGHLY FLAMMABLE; T+ - VERY TOXIC; SPONTANEOUSLY FLAMMABLE IN AIR (R 17); VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28); CAUSES SEVERE BURNS (R 35); KEEP CONTENTS UNDER ... (APPROPRIATE LIQUID TO BE SPECIFIED BY THE MANUFACTURER) (S 5); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	WASTE	-	RQR	<p>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 PHOSPHORUS: PHOSPHORUS COMPOUNDS, EXCLUDING MINERAL PHOSPHATES).</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 MONIT	EMI METHD	MXL RQR	<p>2 MG/L TOTAL PHOSPHORUS FOR 10 000-100 000 P.E. (P.E.=POPULATION EQUIVALENT; IT REFERS TO THE ORGANIC BIODEGARADABLE LOAD OF THE WASTE WATER); 1 MG/L TOTAL PHOSPHORUS FOR MORE THAN 100 000 P.E.; AND/OR AT LEAST 80% REDUCTION OF TOTAL PHOSPHORUS FOR DISCHARGES FROM URBAN WASTE WATER TREATMENT PLANTS TO SENSITIVE AREAS WHICH ARE SUBJECT TO EUTROPHICATION. THE REFERENCE METHOD OF MEASUREMENT IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY. MONITORING METHODS ARE GIVEN. CRITERIA FOR IDENTIFICATION OF SENSITIVE AND LESS SENSITIVE AREAS ARE SPECIFIED. THIS DIRECTIVE CONCERNS THE COLLECTION, TREATMENT AND DISCHARGE OF URBAN WASTE WATER AND THE TREATMENT AND DISCHARGE OF WASTE WATER FROM CERTAIN INDUSTRIAL SECTORS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 MAY 1991 CONCERNING URBAN WASTE WATER TREATMENT (91/271/EEC).</p> <p><u>Reference</u> : OJEC**,L135,,40,1991 <u>Effective Date</u> : 31DEC1998</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>

Common Name : Phosphorous

RTECS Number : TH3500000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 5000 UG P205/L, GL : 400 UG P205/L (ABSORPTION SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).</p> <p><u>Reference</u> : OJEC**L229,,11,1980 <u>Effective Date</u> : 30AUG1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOPHOSPHORUS COMPOUNDS INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF INORGANIC PHOSPHORUS COMPOUNDS AND ELEMENTAL PHOSPHORUS 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 ELIMINATE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST I). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND THE AUTHORIZATION SHALL LAY DOWN EMISSION STANDARDS. MEMBER STATES SHALL APPLY A SYSTEM OF ZERO-EMISSION TO DISCHARGES INTO GROUND WATER. (APPLIES TO ORGANOPHOSPHORUS COMPOUNDS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD LABEL	- CONSM	PRMT RQR	<p>A NUTRITION CLAIM IS PERMITTED FOR PHOSPHORUS. WHERE NUTRITION LABELLING IS PROVIDED, THERE ARE REQUIREMENTS CONCERNING THE INFORMATION TO BE GIVEN TO THE CONSUMER INCLUDING MASS CATERERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 SEPTEMBER 1990 ON NUTRITION LABELLING FOR FOODSTUFFS. (90/496/EEC)</p> <p><u>Reference</u> : OJEC**L276,,40,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</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 ELEMENTAL PHOSPHORUS AND ORGANOPHOSPHORUS COMPOUNDS AND SUBSTANCES WHICH MAY FORM ORGANOPHOSPHORUS COMPOUNDS, EXCEPT THOSE WHICH ARE, OR ARE RAPIDLY CONVERTED INTO, BIOLOGICALLY HARMLESS SUBSTANCES.</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	FEED PACK LABEL	-	RQR RQR RQR	<p>THE SUBSTANCE IS A PART OF STRAIGHT FEEDINGSTUFFS. ITS CONTENT MUST BE DECLARED ON THE PACKAGE OR CONTAINER OR ON A LABEL ATTACHED TO CERTAIN PRODUCTS TOGETHER WITH THE OTHER PARTICULARS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 ON THE MARKETING OF STRAIGHT FEEDINGSTUFFS. (77/101/EEC).</p> <p><u>Reference</u> : OJEC**L32,,1,1977 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : OJEC**L383,,11,1982 <u>Entry / Update</u> : OCT1987</p>

Common Name : Phosphorous

RTECS Number : TH3500000

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Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FEED	-	RQR	THE SUBSTANCE IS A PART OF COMPOUND FEEDINGSTUFFS. ITS CONTENT MUST BE DECLARED ON THE PACKAGE OR CONTAINER OR ON A LABEL ATTACHED TO THE PRODUCT TOGETHER WITH THE OTHER PARTICULARS LAID DOWN.
		PACK		RQR	
		LABEL		RQR	

Title : COUNCIL DIRECTIVE OF 2 APRIL 1979 ON THE MARKETING OF COMPOUND FEEDINGSTUFFS. (79/373/EEC).

Reference : OJEC**L86,,30,1979

Effective Date : 01JAN1985

Last Amendment : OJEC**L386,,42,1982

Entry / Update : OCT1987

EEC	REG	AQ	GRND	RQR	MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF INORGANIC PHOSPHORUS COMPOUNDS AND ELEMENTAL PHOSPHORUS 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.
		WASTE	REMOV	RSTR	

Title : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).

Reference : OJEC**L20,,43,1980

Effective Date : 26JAN1982

Last Amendment :

Entry / Update : APR1986

EEC	REG	AQ	SURF	RQR	THE TOTAL CONTENT OF PHOSPHORUS 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 THE TOTAL CONTENT OF PHOSPHORUS IS MOLECULAR ABSORPTION SPECTROPHOTOMETRY.
		MONIT	METHD	RQR	

Title : 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).

Reference : OJEC**L334,,29,1977

Effective Date :

Last Amendment : OJEC**L335,,44,1986

Entry / Update : OCT1987

EEC	REG	GOODS	AGRIC	RQR	THE METHODS OF SAMPLING AND ANALYSIS FOR OFFICIAL CONTROLS OF EEC FERTILIZERS CONCERNING TOTAL PHOSPHORUS CONTENT ARE LAID DOWN. (APPLIES TO WHITE PHOSPHORUS)
		MONIT	METHD	RQR	

Title : COMMISSION DIRECTIVE OF 22 JUNE 1977 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO METHODS OF SAMPLING AND ANALYSIS FOR FERTILIZERS. (77/535/EEC).

Reference : OJEC**L213,,1,1977

Effective Date : 19DEC1977

Last Amendment : OJEC**L265,,30,1989

Entry / Update : OCT1987

EEC	REG	FEED	METHD	RQR	METHOD OF ANALYSIS FOR THE DETERMINATION OF THE SUBSTANCE IN FEEDINGSTUFFS IS LAID DOWN. THE SAMPLE IS MINERALISED AND PLACED IN ACID SOLUTION; THE SOLUTION IS TREATED WITH MOLYBDOVANADATE REAGENT AND TOTAL PHOSPHORUS CONTENT IS DETERMINED BY SPECTROPHOTOMETRY.

Title : SECOND COMMISSION DIRECTIVE OF 18 NOVEMBER ESTABLISHING COMMUNITY METHODS OF ANALYSIS FOR THE OFFICIAL CONTROL OF FEEDINGSTUFFS. (71/393/EEC).

Reference : OJEC**L279,,7,1971

Effective Date : 01JUN1984

Last Amendment : OJEC**L15,,28,1984

Entry / Update : OCT1987

EEC	REG	AQ	EMI	RSTR	MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY.(APPLIES TO ELEMENTAL PHOSPHORUS AND INORGANIC PHOSPHORUS COMPOUNDS)

Title : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)

Reference : OJEC**L129,,23,1976

Effective Date :

Last Amendment :

Entry / Update : OCT1987

Common Name : Phosphorous

RTECS Number : TH3500000

CAS Number : 7723-14-0

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	AQ AQ	EMI MARIN	RSTR RSTR	<p>CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES: CONTRACTING PARTIES SHALL UNDERTAKE TO STRICTLY LIMIT POLLUTION OF MARITIME AREAS BY, AMONG OTHERS ELEMENTAL PHOSPHORUS AND ORGANOPHOSPHORUS COMPOUNDS AND SUBSTANCES WHICH MAY FORM ORGANOPHOSPHORUS COMPOUNDS, EXCEPT THOSE WHICH ARE, OR ARE RAPIDLY CONVERTED INTO, BIOLOGICALLY HARMLESS SUBSTANCES. (APPLIES TO WHITE PHOSPHORUS)</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	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 ELEMENTAL PHOSPHORUS AND INORGANIC PHOSPHORUS COMPOUNDS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
GBR	REG	AIR AIR	EMI INDST	RSTR RSTR	<p>PHOSPHORUS AND ITS COMPOUNDS CONTAINED IN FUMES OR DUST, ARE NOXIOUS OR OFFENSIVE SUBSTANCES 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	EMI	RSTR	<p>PHOSPHORUS (OR ITS COMPOUNDS) 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 MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF PHOSPHORUS AND ITS COMPOUNDS, WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.1 MG/M3. STEL (10 MIN-TWA): 0.3 MG/M3. (APPLIES TO YELLOW PHOSPHORUS)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	WASTE	REMOV	RQR	<p>THE DESTRUCTION BY BURNING IN AN INCINERATOR, OTHER THAN INCIDENTALLY IN THE COURSE OF BURNING OTHER WASTE, OF ANY WASTE CHEMICAL BEING OR COMPRISING PHOSPHORUS IN ELEMENTAL OR COMPOUND FORM IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,3,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

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GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OF A CHEMICAL WHICH INVOLVES THE USE OF PHOSPHORUS OR ANY OXIDE, HYDRIDE OR HALIDE OF PHOSPHORUS OR WHICH MAY RESULT IN THE RELEASE INTO THE AIR OF PHOSPHORUS OR OF ANY SUCH OXIDE, HYDRIDE OR HALIDE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,3,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF PHOSPHORUS OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM. CONTAINS, EXCEEDS 1% AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	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: 0.01% BY WEIGHT; WITHIN SPECIAL AREAS: 0.005% 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>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>2200UG P/L IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,2790,,,1991 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>2200UG P/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	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 YELLOW PHOSPHORUS)</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 : Phosphorous

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CAS Number : 7723-14-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : SPONTANEOUSLY COMBUSTIBLE SUBSTANCE. EMERGENCY ACTION CODE : 2WE (APPLIES TO MOLTEN PHOSPHORUS AND TO WHITE PHOSPHORUS)</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	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 PHOSPHORUS, A PRESCRIBED SUBSTANCE. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EEC 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>
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). (APPLIES TO AMORPHOUS PHOSPHORUS). UN NO. 1338</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 ORGANOPHOSPHORUS PESTICIDES, SOLID, TOXIC). UN NO.2783.</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/HARMFUL. PACKING GROUP: I/II = GREAT DANGER/MEDIUM DANGER. (APPLIES TO ORGANOPHOSPHORUS PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASHPOINT < 23C). UN NO. 2784</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. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO ORGANOPHOSPHORUS PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASHPOINT BETWEEN 23 C AND 61 C AND TO WHITE PHOSPHORUS) UN NO 3017</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: III/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO ORGANOPHOSPHORUS PESTICIDES, LIQUID, TOXIC AND TO WHITE PHOSPHORUS) UN NO 3018</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 : **Phosphorous**RTECS Number : **TH3500000**CAS Number : **7723-14-0**Area Type Subject Spec. Description Level / Summary Information :

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE.(APPLIES TO MOLTEN WHITE OR YELLOW PHOSPHOROUS),UN NO.2447.			
					<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: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. SUBSIDIARY RISK: POISON. PACKING GROUP: 1 = VERY DANGEROUS SUBSTANCE. (APPLIES TO WHITE AND YELLOW PHOSPHORUS, DRY OR UNDER WATER). UN NO.1381.			
					<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. (APPLIES TO PHOSPHOROUS AND ITS COMPOUNDS)			
					<u>Title :</u>	THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989		
					<u>Reference :</u>	GAZIN*,787,,,1989	<u>Effective Date :</u>	27NOV1989
					<u>Last Amendment :</u>		<u>Entry / Update :</u>	SEP1992
JPN	REC	AIR	OCC	MAC	TWA: 0.1 MG/M3			
					<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 0.1 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	REG	AIR	OCC	MAC CLASS	CLV : 0.03 MG/M3 (VAPOUR) HAZARD CLASS: I (APPLIES TO WHITE PHOSPHORUS)			
					<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	0.1 UG/L HAZARD CLASS: I (APPLIES TO WHITE PHOSPHORUS)			
					<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 : Phosphorous

RTECS Number : TH3500000

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Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 0 MG/L (APPLIES TO WHITE PHOSPHORUS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID. (APPLIES TO ORGANOPHOPHORUS PESTICIDES, LIQUID, TOXIC. FLAMMABLE. FLASH POINT NOT LESS THAN 23C) . UN NO. 3017 (APPLIES TO WHITE PHOSPHORUS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.2 = INFLAMMABLE SOLID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO WHITE AND YELLOW PHOSPHORUS, DRY OR UNDER WATER OR IN SOLUTION). UN NO.1381. <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: 4.2 = INFLAMMABLE SOLID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).PACKING GROUP: I = VERY DANGEROUS SUBSTANCE (APPLIES TO MOLTEN WHITE PHOSPHORUS) UN NO 2447 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO SOLID, TOXIC ORGANOPHOPHORUS PESTICIDES). UN NO.2783. <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 GROUP: 4.1 = FLAMMABLE SOLID. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO AMORPHOUS PHOSPHORUS). UN NO. 1338 <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 ORGANOPHOPHORUS PESTICIDES, LIQUID, TOXIC). UN NO. 3018 (APPLIES TO WHITE PHOSPHORUS) <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).(APPLIES TO LIQUID, FLAMMABLE, TOXIC ORGANOPHOPHORUS PESTICIDES, FLASH POINT <23C). UN NO.2784. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1986

Common Name : Phosphorous

RTECS Number : TH3500000

CAS Number : 7723-14-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.02 PPM, 0.1 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*, 11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*, 11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY.</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*, 40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*, 40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	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	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>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>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.</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>

Common Name : Phosphorous

RTECS Number : TH3500000

CAS Number : 7723-14-0

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 11 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED FLAMMABLE SOLID. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. (APPLIES TO AMORPHOUS, RED PHOSPHORUS)</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>DRY: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE SEPARATED FROM FLAMMABLE GASES OR LIQUIDS, OXIDIZING MATERIALS, OR ORGANIC PEROXIDES. ALL SHIPMENTS MUST BE LABELED FLAMMABLE SOLID AND POISON. WET: 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 AND BELOW DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE SEPARATE FROM FLAMMABLE GASES OR LIQUIDS, OXIDIZING MATERIALS, OR ORGANIC PEROXIDES. 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 YELLOW PHOSPHORUS)</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME PHOSPHORUS 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	AIR AIR	EMI EMI	RQR MPC	<p>LISTED WITH STANDARDS ON THE EMISSION OF ANY AIR POLLUTANT FROM ANY CLASS OF NEW MOTOR VEHICLES WHICH MAY ENDANGER PUBLIC HEALTH OR WELFARE</p> <p><u>Title</u> : CLEAN AIR ACT, 202A, NATIONAL EMISSIONS STANDARDS ACT--MOTOR VEHICLE EMISSIONS AND FUEL STANDARDS</p> <p><u>Reference</u> : XCODE*,42,7521,,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : XCODE*,42,7521,,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Phoxim

RTECS Number :

CAS Number : 14816-18-3

Area Type Subject Spec. Description Level / Summary Information :

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 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	CEREALS: 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 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 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 (S13). <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
RUS	REG	AQ	SURF	MAC CLASS	1.0 MG/L HAZARD CLASS: III <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1986 <u>Last Amendment</u> : SCHSB*,1986-90,,1987 <u>Entry / Update</u> : NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1986 <u>Last Amendment</u> : SCHSB*,1986-90,,1987 <u>Entry / Update</u> : NOV1987

Common Name : **Phoxim**

RTECS Number :

CAS Number : **14816-18-3**Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.6 MG/KG; ADI = 0.001 MG/KG			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	JUN1983
					<u>Last Amendment :</u>	MDUPP*,2823-83,,,1983	<u>Entry / Update :</u>	OCT1985
RUS	REG	FEED	-	MRL	0.6 MG/KG			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	APR1981
					<u>Last Amendment :</u>	SCHSB*,SUPL-4,,,1982	<u>Entry / Update :</u>	OCT1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.1 MG/M3 (VAPOUR, AEROSOL) HAZARD CLASS: II			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	01JAN1989
					<u>Last Amendment :</u>	GOSTS*,12.1.005,,,1988	<u>Entry / Update :</u>	MAY1990
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.			
					<u>Title :</u>	NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.		
					<u>Reference :</u>	PFBEK*,,,1991	<u>Effective Date :</u>	**APR1992
					<u>Last Amendment :</u>		<u>Entry / Update :</u>	JAN1992

Common Name : **Picloram**RTECS Number : **TJ7525000**CAS Number : **1918-02-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 10 MG/M3; 15 MIN - STEL: 20 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	<p>SPECIFIED PLANT PRODUCTS: 0.05-50 MG/KG; SECURITY INTERVAL: 60-90 DAYS (DIFFERENT FOR CERTAIN USES); PROVISIONAL TOXICITY CLASS: III (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.</p> <p><u>Title</u> : SUBSTANCIAS COM ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,,,8,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REC	AQ	DRINK	GL MAC	<p>INTERIM MAXIMUM ACCEPTABLE CONCENTRATION (IMAC): 0.19 MG/L. PROPOSED LEVEL SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKINGWATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES ANDCONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS HERBICIDE. (FORMULATION: SOLUTION; PELLET). APPLIES TO PICLORAM PRESENT AS ISOCTYL ESTERS OR AS POTASSIUM SALT. 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: 10 MG/M3; STEL: 20 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING USE AS HERBICIDE. (FORMULATION: SOLUTION; PELLET). APPLIES TOPICLORAM PRESENT AS AMINE SALTS (ALKANOLAMINESALT, DIETHANOLAMINE SALT, OR TRIISOPROPANOLAMINE SALT). CODE PID. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS AREADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</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 : **Picloram**RTECS Number : **TJ7525000**CAS Number : **1918-02-1**

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,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3. STEL (10 MIN-TWA): 20 MG/M3.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>10.0 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	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.5 MG/KG; ADI = 0.02 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	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1986</p> <p><u>Last Amendment</u> : SCHSB*,1986-90,,1987 <u>Entry / Update</u> : NOV1987</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 2.0 MG/M3 (AEROSOL) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.03 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	SOIL	-	MAC	<p>0.05 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1976</p> <p><u>Last Amendment</u> : PDKCP*,1496-76,,1976 <u>Entry / Update</u> : OCT1985</p>

Common Name : **Picloram**RTECS Number : **TJ7525000**CAS Number : **1918-02-1**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
SWE	REG	USE	PESTI	PRO	<p>WITHDRAWN FROM THE MARKET BECAUSE OF ITS EXTREME PERSISTENCE AND ITS POTENTIAL ENVIRONMENTAL IMPACT.</p> <p><u>Title</u> : DECISION MADE BY THE FORMER NATIONAL PRODUCTS CONTROL BOARD CURRENTLY, THE NATIONAL CHEMICALS INSPECTORATE ACCORDING TO THE INTERIM REGULATIONS GIVEN IN THE 1985 ACT ON CHEMICAL PRODUCTS WHICH IN COMPLIANCE TO POINT 3, STATES THAT "ANY RULING CONCERNING PROHIBITIONS, REGULATIONS, PERMITS, DISPENSATIONS OR REGISTRATION THAT WAS ADOPTED PURSUANT TO OLDER PROVISIONS SHALL BE CONSIDERED TO HAVE BEEN ISSUED PURSUANT TO THE CORRESPONDING PROVISIONS OF THIS ACT..."</p> <p><u>Reference</u> : PKBB*,,,,1984 <u>Effective Date</u> : ** 1984</p> <p><u>Last Amendment</u> : SVENF*,1985:426,,4,1985 <u>Entry / Update</u> : 1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 10 MG/M3; SHORT TERM EXPOSURE (STEL) 20 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AQ	DRINK	CLASS	<p>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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL FORMULATIONS AND CONCENTRATIONS OF PICLORAM EXCEPT TORDON 101 R ARE RESTRICTED FOR ALL USES. TORDON 101 R FORESTRY HERBICIDE CONTAINING 5.4 PERCENT PICLORAM AND 20.9 PERCENT 2,4-D IS UNCLASSIFIED FOR CONTROL OF UNWANTED TREES BY CUT SURFACE TREATMEN T.THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR.</p> <p><u>Title</u> : PESTICIDES CLASSIFIED FOR RESTRICTED USE</p> <p><u>Reference</u> : FEREAC,43,,5790,1978 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : CFRUS*,40,152,175,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, PICLORAM, 1988.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMI CALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL E FFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</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 FORMULATIONS AND CONCENTRATIONS OF PICLORAM EXCEPT TORDON 101 R ARE RESTRICTED FOR ALL USES. TORDON 101 R FORESTRY HERBICIDE CONTAINING 5.4 PERCENT PICLORAM AND 20.9 PERCENT 2,4-D IS UNCLASSIFIED FOR CONTROL OF UNWANTED TREES BY CUT SURFACE TREATMEN T.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 : Picric Acid

RTECS Number : TJ7875000

CAS Number : 88-89-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1 MG/M3; 15 MIN - STEL: 0.3 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION. (SUBMITTED FOR MODIFICATION).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,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>DRY OR WETTED WITH LESS THAN 30% WATER, BY MASS. PIN (PRODUCT IDENTIFICATION NO.): UN0154, CLASS (1.1D): EXPLOSIVE. SPECIAL PROVISIONS: 10, 22, 26, 102. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PUBLIC PASSENGER ROAD VEHICLE: PROHIBITED; OTHER PASSENGER ROAD VEHICLE: 75 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON AN 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> : 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: 0.1 MG/M3; STEL: 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	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS (APPLIES TO PICRIC ACID AND ITS SALTS)</p> <p><u>Title</u> : DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference</u> : HPMZC*,32,,,1970 <u>Effective Date</u> : 1JAN1971</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
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 : Picric Acid

RTECS Number : TJ7875000

CAS Number : 88-89-1

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 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: 0.1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.2 MG/M3; CEILING VALUE; 8X/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	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: E - EXPLOSIVE; RISK OF EXPLOSION BY SHOCK, FRICTION, FIRE OR OTHER SOURCES OF IGNITION (R 2). FORMS VERY SENSITIVE EXPLOSIVE METALLIC COMPOUNDS (R 4). T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25). LABEL: E - EXPLOSIVE; T - TOXIC; RISK OF EXPLOSION BY SHOCK, FRICTION, FIRE OR OTHER SOURCES OF IGNITION (R 2); FORMS VERY SENSITIVE EXPLOSIVE METALLIC COMPOUNDS (R 4); TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY (S 35); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); 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 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>0,1 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. EXISTING SCIENTIFIC DATA ON HEALTH EFFECTS APPEAR TO BE PARTICULARLY LIMITED.</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC).</p> <p><u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
EEC	REG	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>

Common Name : Picric Acid

RTECS Number : TJ7875000

CAS Number : 88-89-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	MANUF IMPRT PACK LABEL CLASS		PRMT PRMT RQR RQR	THIS EXPLOSIVE IS AUTHORIZED FOR MANUFACTURE IN OR IMPORTATION INTO THE UNITED KINGDOM. IT BELONGS TO CLASS 3, THE "NITRO-COMPOUND" CLASS: AS A ZZ CATEGORY EXPLOSIVE, IT HAS MASS EXPLOSION RISK WITH MINOR MISSILE EFFECT. FOR THE PURPOSE OF SHIPPING OUTSIDE THE UK, IT MUST BE PACKED AND LABELLED IN ACCORDANCE WITH THE REQUIREMENTS OF IMO OR ICAO AS APPROPRIATE. <u>Title :</u> HEALTH AND SAFETY EXECUTIVE EXPLOSIVES ACT, 1875 AND 1923. LIST OF AUTHORIZED EXPLOSIVES. <u>Reference :</u> GBLAE*,1,,,1986 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> FEB1986
GBR	REG	SAFTY STORE	INDST	RQR RQR	ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 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	AIR	OCC	OES	8H-TWA: 0.1 MG/M3. STEL (10 MIN-TWA): 0.3 MG/M3. SKIN ABSORPTION. <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
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 50 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
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	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 : Picric Acid

RTECS Number : TJ7875000

CAS Number : 88-89-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REC	SAFTY USE	OCC OCC	MXL MXL	100 MG/M3
				<u>Title</u> :	POCKET GUIDE TO CHEMICAL HAZARDS
				<u>Reference</u> :	XPHPAW,90,117,184,1990
				<u>Last Amendment</u> :	XPHPAW,90,117,184,1990
				<u>Effective Date</u> :	JUN1990
				<u>Entry / Update</u> :	OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 0.3 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.
				<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 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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	DRY: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN A MAGAZINE SUBJECT TO THE REQUIREMENTS OF SECTION 49 CFR 176.135-176.144. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED EXPLOSIVE A. WET, WITH NOT LESS THAN 10% WATER MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 POUND/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. FOR VESSEL SHIPMENTS BELOW DECK STOWAGE PERMITTED ON CARGO VESSELS IF WET WITH MORE THAN 30% WATER AND MUST BE STOWED AWAY FROM HEAVY METALS AND THEIR COMPOUNDS. WET WITH NOT LESS THAN 10% WATER, OVER 25 POUNDS: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. FORBIDDEN IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN A MAGAZINE SUBJECT TO THE REQUIREMENTS OF SECTION 49 CFR 176.135-176.144. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED EXPLOSIVE A. 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 : Piperonyl Butoxide

RTECS Number : XS8050000

CAS Number : 51-03-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	8 MG/KG AFTER HARVEST. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
ARG	REG	FEED	-	MXL	8-20 MG/KG AFTER HARVEST <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ALEYP*,18073,,,1969 <u>Effective Date :</u> 27MCH1969 <u>Entry / Update :</u> 1982
BRA	REG	FOOD	-	AL	SPECIFIED PLANT PRODUCTS: 8-20 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,,,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 COMMERCIAL, DOMESTIC, MANUFACTURING, RESTRICTED USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; MICROENCAPSULATED SUSPENSION; PRESSURIZED PRODUCT; SOLUTION; DUST OR POWDER; SUSPENSION; SOLID; PASTE). CODE PBU. 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 = 8-20 PPM; SPECIFIED ANIMAL 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. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 25AUG1976 <u>Entry / Update :</u> MAY1991
CSK	REG	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 8.0-20.0 MG/KG. <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,,1978 <u>Last Amendment :</u> HPMZC*,61,,,1986 <u>Effective Date :</u> 1JUL1986 <u>Entry / Update :</u> DEC1991
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: 3.0 - 10.0 MG/KG. OTHER PLANT PRODUCTS: 0.5 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 : Piperonyl Butoxide

RTECS Number : XS8050000

CAS Number : 51-03-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.03 MG/KG BW; MRL: CEREAL GRAINS, FISH (DRIED): 20 MG/KG; FRUIT, FRUIT (DRIED), OILSEEDS, PEANUTS, TREE NUTS, VEGETABLES, VEGETABLES (DRIED): 8 MG/KG (EXPRESSED AS PIPERONYL BUTOXIDE) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*, XIII, 62-IV, 1986 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> APR1991
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 8.0-20.0 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*, 40, 410, 1978 <u>Last Amendment :</u> <u>Effective Date :</u> - <u>Entry / Update :</u> SEP1982
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 8.0 MG/KG <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*, 1983:1,, 1983 <u>Last Amendment :</u> SLVFS*, 1989:29,, 1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE. <u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIENSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference :</u> PFBEK*, ..., 1991 <u>Last Amendment :</u> <u>Effective Date :</u> **APR1992 <u>Entry / Update :</u> JAN1992

Common Name : Pirimicarb

RTECS Number : EZ910000

CAS Number : 23103-98-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
BRA	REG	FOOD USE USE CLASS	-	AL AGRIC PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-1 MG/KG; SECURITY INTERVAL: 3-21 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.

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 = 0.5 PPM APPLIES TO PIRIMICARB INCLUDING THE METABOLITES 2-(FORMYL-METHYLAMINO)-5,6-DIMETHYL PYRIMIDIN-4-YL DIMETHYLCARBAMATE AND 2-(METHYLAMINO)-5,6-DIMETHYL PYRIMIDIN-4-YL DIMETHYLCARBAMATE. 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.
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Title :

Reference : CAGAAK,124,11,,1990

Effective Date : 05MAY1983

Last Amendment :

Entry / Update : MAY1991

CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS INSECTICIDE ACARICIDE (MITE CONTROL). (FORMULATION: WETTABLE POWDER; SUSPENSION; PRESSURIZED PRODUCT). CODE PIR. THE PEST CONTROL PRODUCTS ACT AND REGULATIONSARE 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.
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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.
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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 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,,I,1931,1991

Effective Date : 15JUN1991

Last Amendment :

Entry / Update : APR1992

Common Name : Pirimicarb

RTECS Number : EZ9100000

CAS Number : 23103-98-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF PIRIMICARB, DESMETHYL-PIRIMICARB, AND DESMETHYL-FORMAMIDO-PIRIMICARB, CALCULATED AS PIRIMICARB.</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). LABEL: T -TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); KEEP OUT OF REACH OF CHILDREN (S2); 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>
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.02 MG/KG BW; MRL: ALFALFA (GREEN, ON DRY WEIGHT BASIS): 50 MG/KG; ALFALFA (HAY, ON DRY WEIGHT BASIS): 20 MG/KG; CHILI PEPPERS: 2 MG/KG; BEANS, BELL PEPPERS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CELERY, CUCUMBERS, EGGPLANTS, ENDIVE, GHERKINS, LETTUCE, PARSLEY, POME FRUIT, SPINACH, TOMATOES, WATERCRESS: 1 MG/KG; CURRANTS (BLACK), KOHLRABI, LEEKS, ONIONS, PEACHES, PLUMS, RASPBERRIES, STRAWBERRIES: 0.5 MG/KG; PEAS, RAPESEED: 0.2 MG/KG; BEANS (WITHOUT PODS): 0.1 MG/KG; BARLEY, BEETROOTS, CITRUS FRUIT, COTTONSEED, EGGS (SHELL-FREE BASIS), MEAT, MILK, OATS, PARSNIPS, PECANS, POTATOES, RADISHES, SUGAR BEETS, SWEET CORN, TURNIPS, WHEAT: 0,05 MG/KG (EXPRESSED AS SUM OF PIRIMICARB, DEMETHYL-PIRIMICARB AND N-FORMYL-(METHYLAMINO) ANALOGUE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*,XIII,,101-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	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 = 100-73% (SOLID) OR 100-29% (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	AIR	OCC	PSL	<p>CLV: 0.05 MG/M3 (VAPOUR, AEROSOL)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 00APR1988</p> <p><u>Last Amendment :</u> OBUVR*,4613-88,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCT;LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-1.0 MG/KG; ADI = 0.004 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>

Common Name : Pirimicarb

RTECS Number : EZ9100000

CAS Number : 23103-98-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE. PROHIBITED FOR USE ON COTTON PLANTS OR PEAS AND ON COVERED GROUND REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC, MUTAGENIC, CAUSES ANEMIA <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING; 0.0007 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	SOIL	-	MAC	0.3 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	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 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
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
UN	REC	TRNSP LABEL PACK	-	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>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986

Common Name : Pirimiphos-ethyl

RTECS Number : TF1610000

CAS Number : 23505-41-1

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	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	BANANAS: 0.02 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	CLASS 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	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 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	CLASS LABEL 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

Common Name : Pirimiphos-ethyl

RTECS Number : TF1610000

CAS Number : 23505-41-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-70% (SOLID) OR 100-28% (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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG; ADI = 0.008 MG/KG BW.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> MDUPP*,4540-87,,1987</p> <p><u>Effective Date :</u> JAN1988</p> <p><u>Entry / Update :</u> JUL1990</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG ADI = 0.008 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> MDUPP*,4540-87,,1987</p> <p><u>Effective Date :</u> JAN1988</p> <p><u>Entry / Update :</u> JUL1990</p>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title :</u></p> <p><u>Reference :</u></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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-70% (SOLID) OR 100-28% (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	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME PIRIMIPHO-ETHYL THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference :</u> FEREAC,54,100,22706,1989</p> <p><u>Last Amendment :</u> FEREAC,54,100,22706,1989</p> <p><u>Effective Date :</u> 1988</p> <p><u>Entry / Update :</u> JAN1992</p>

Common Name : **Pirimiphos-ethyl**RTECS Number : **TF1610000**CAS Number : **23505-41-1**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=1,000 RQ=1; SUMMARY - THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, 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 : Pirimiphos-methyl

RTECS Number : TF1410000

CAS Number : 29232-93-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.5-10 MG/KG; SECURITY INTERVAL: 2-30 DAYS; PROVISIONAL TOXICITY CLASS: III,IV (DEPENDING ON FORMULATION) (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>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
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 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 - 4.0 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF PIRIMIPHOS-METHYL AND N-DESETHYL-PIRIMIPHOS-METHYL, CALCULATED AS PIRIMIPHOS-METHYL. <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
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.01 MG/KG BW; MRL: PEANUTS (WHOLE): 50 MG/KG; RICE BRAN, WHEAT BRAN: 20 MG/KG; CEREAL GRAINS, PEANUT OIL: 10 MG/KG; LETTUCE, MUSHROOMS, OLIVES, PEANUTS (KERNELS), SPINACH, WHOLEMEAL FLOUR (WHEAT, RYE): 5 MG/KG; APPLES, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CHERRIES, KIWI FRUIT, PEARS, PLUMS, RICE (HULLED), WHEAT FLOUR (WHITE): 2 MG/KG; BREAD (WHOLEMEAL), CARROTS, CUCUMBERS, CURRANTS (BLACK), GOOSEBERRIES, ONIONS (SPRING), PEPPERS, RASPBERRIES, RICE (POLISHED), STRAWBERRIES, TOMATOES: 1 MG/KG; BEANS (WITH POD), BREAD (WHITE), CHEESE, CITRUS FRUIT, DATES: 0.5 MG/KG; CARCASE MEAT, EGGS, MILK, PEAS, POTATOES: 0.05 MG/KG (EXPRESSED AS PIRIMIPHOS-METHYL) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,86-IV,1986 <u>Entry / Update :</u> APR1991
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.01 MG/KG BW. MRL: PEANUTS HULLS: 50 MG/KG; PEANUTS (WHOLE): 25 MG/KG; BRAN (WHEAT, RICE): 20 MG/KG; PEANUT OIL: 15 MG/KG; RAW CEREAL (EXCEPT RICE, HULLED OR POLISHED), DRIED FISH: 10 MG/KG; LETTUCE, MUSHROOMS, OLIVES, SPINACH, WHOLEMEAL FLOUR (WHEAT, RYE): 5 MG/KG; APPLES, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CHERRIES, CITRUS FRUITS, KIWI FRUIT, PEARS, PEANUTS (KERNELS), PLUMS: 2 MG/KG; BLACKCURRANTS, CARROTS, CUCUMBERS, GOOSEBERRIES, PEPPERS, RASPBERRIES, SPRING ONIONS, STRAWBERRIES, TOMATOES: 1 MG/KG; BEANS (WITH POD), CHEESE, DATES: 0.5 MG/KG; PEAS, POTATOES: 0.05 MG/KG. (LIMITS ARE FOR PIRIMIPHOS-METHYL ALONE - NOT INCLUDING METABOLITES). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FPPDD,68,,60,1986 <u>Entry / Update :</u> JUL1990

Common Name : Pirimiphos-methyl

RTECS Number : TF1410000

CAS Number : 29232-93-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	APPROVED FOR APPLICATION BY FOGGING 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 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	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.5-10.0 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC. <u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988 <u>Reference :</u> GBRSI*,1378,,1988 <u>Effective Date :</u> 02AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTED AND IMPORTED BY CMEA COUNTRIES: 0.5-4.0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,1984 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS 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 INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-5.0 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	-	MAC	0.5 MG/KG; 0.1 MG/KG (APPLIES TO SOILS WITH PH = 5.5) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> MAY1984 <u>Last Amendment :</u> PDKPP*,3034-84,,1984 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.0 MG/L <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1981 <u>Last Amendment :</u> SCHSB*,SUPL-5,,1982 <u>Entry / Update :</u> OCT1985
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-5.0 MG/KG. ADI = 0.01 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

Common Name : **Pirimiphos-methyl**

RTECS Number : **TF1410000**

CAS Number : **29232-93-7**

Area Type Subject Spec. Description Level / Summary Information :

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></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: 1.0-2.0 MG/KG</p> <p><u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference :</u> SLVFS*,1983:1,,1983</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 FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME PIRIMIPHOS-METHYLTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESID UES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference :</u> FEREAC,54,100,22706,1989</p> <p><u>Last Amendment :</u> FEREAC,54,100,22706,1989</p> <p><u>Effective Date :</u> 1988</p> <p><u>Entry / Update :</u> JAN1992</p>

Common Name : Pival

RTECS Number : NK630000

CAS Number : 83-26-1

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,,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	LIQUID OR SOLID. PIN (PRODUCT IDENTIFICATIONNO.): UN2472. CLASS (6.1): POISONOUS. PACKING GROUP III, (I=GREAT DANGER, III=MINORDANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 60 L (LIQUID); 100 KG (SOLID). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 220 L (LIQUID); 200 KG (SOLID). 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
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS RODENTICIDE. (FORMULATION: DUST OR POWDER; PELLET; SOLUBLE GRANULES; SOLID; SOLUBLE POWDER; PARTICULATE). APPLIES TO PINDONE PRESENT IN FREE FORM OR AS SODIUM SALT. CODE PIN. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS AREADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTUREAND PRODUCTS THAT HAVE BEEN REMOVED FROM THATLIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT. <u>Title :</u> <u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988 <u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991
CAN	REG	AIR	OCC	TLV	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 HYGIENIST'S) 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
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: T - TOXIC; TOXIC IF SWALLOWED (R 25). LABEL: T - TOXIC; TOXIC IF SWALLOWED (R 25); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13); IF YOU FBEL 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

Common Name : Pival

RTECS Number : NK6300000

CAS Number : 83-26-1

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 = 100-55% (LIQUID). (APPLIES TO PINDONE AND SALTS THEREOF).
					<u>Title :</u>
					<u>Reference :</u>
					<u>Last Amendment :</u> IMCOC*,,,6222,1990
					<u>Effective Date :</u>
					<u>Entry / Update :</u> JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-55% (LIQUID). (APPLIES TO PINDONE AND SALTS THEREOF).
					<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	200 MG/M3
					<u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS
					<u>Reference :</u> XPHPAW,90,117,184,1990
					<u>Last Amendment :</u> XPHPAW,90,117,184,1990
					<u>Effective Date :</u> JUN1990
					<u>Entry / Update :</u> OCT1991
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>Last Amendment :</u> ACGIH*,,,11,1991
					<u>Effective Date :</u> 1989
					<u>Entry / Update :</u> DEC1991
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME PIVAL, AND SALTS (TRADEMARK)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>Last Amendment :</u> FEREAC,54,100,22706,1989
					<u>Effective Date :</u> 1988
					<u>Entry / Update :</u> JAN1992

Common Name : Platinum

RTECS Number : TP2160000

CAS Number : 7440-06-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1 MG/M3 FOR PLATINUM METAL AND 0.002 MG/M3 FOR SOLUBLE SALTS (CALCULATED AS PT).</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 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 ELEMENTAL PLATINUM)</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>METAL - TWA: 1 MG/M3; SOLUBLE SALTS, AS PT -TWA: 0.002 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 : 0.001 MG/M3, CLV : 0.002 MG/M3 (APPLIES TO PT AND ITS COMPOUNDS) (CALCULATED AS PT)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ITS COMPOUNDS)</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.002 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). DANGER OF SENSITIZATION. APPLIES TO PLATINUM COMPOUNDS AS PT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGFDF,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>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 : **Platinum**RTECS Number : **TP2160000**CAS Number : **7440-06-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR	OCC	ILV	<p>1 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. (APPLIES TO METALLIC PLATINUM).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC).</p> <p><u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
GBR	REG	AIR	EMI	RSTR	<p>PLATINUM 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	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF PLATINUM OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM, CONTAINS, EXCEEDS 1% AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 5 MG/M3 (APPLIES TO METALLIC PLATINUM)</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR AQ	INDST EMI EMI	RQR RSTR RSTR	<p>THE PRODUCTION OF PLATINUM OR OF ANY COMPOUND CONTAINING IT, WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.002 MG/M3 - (AS PT) CAPABLE OF CAUSING RESPIRABLE SENSITISATION - (APPLIES TO SOLUBLE PLATINUM SALTS) -</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.002 MG/M3 OF SOLUBLE SALTS, AS PT. CAPABLE OF CAUSING RESPIRATORY SENSITISATION. (APPLIES TO PLATINUM SALTS).</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 : **Platinum**RTECS Number : **TP2160000**CAS Number : **7440-06-4**Area Type Subject Spec. Description Level / Summary Information :

MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE PLATINUM COMPOUNDS ARE PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.002 MG/M3 FOR SOLUBLE PLATINUM COMPOUNDS 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>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 1 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</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 : Polyethylene

RTECS Number : TQ3325000

CAS Number : 9002-88-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD GOODS	-	PRMT RQR CLASS	CONTACT WITH FOOD AND THE HUMAN BODY PERMITTED. REQUIREMENTS ON COMPOSITION OF RUBBER PRODUCTS AND THEIR CLASSIFICATION ARE GIVEN. (APPLIES ALSO TO COPOLYMERS WITH SPECIFIED MONOMERS) <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
CSK	REG	FOOD GOODS	-	PRMT RQR	CONTACT WITH FOOD PERMITTED. REQUIREMENTS ON COMPOSITION OF PLASTIC MATERIAL ARE GIVEN. <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
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 COATING IN ACCORDANCE WITH NATIONAL LEGISLATION - ALSO AS A PART OF COPOLYMER WITH THE OTHER POLYMERS SPECIFIED. <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
RUS	REG	AIR	AMBI	PSL	0.1MG/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 (AEROSOL) 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	AQ	SURF	MAC CLASS	0.3MG/L (APPLIES TO POLYETHYLENE EMULSION) 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	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	; SUMMARY - THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBST ANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988. <u>Title :</u> INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE. <u>Reference :</u> FEREAC,42,,14572,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,177,1200,1988 <u>Entry / Update :</u> NOV1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME POLYETHYLENE; 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. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Entry / Update :</u> JAN1992

Common Name : Polyoxypropylene

RTECS Number : TR5250000

CAS Number : 25322-69-4

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FEED	ADDIT	PRMT	<p>POLYOXYPROPYLENE-POLYOXYEHTYLENE POLYMERS (MW 6800-9000) MAY BE ADDED AS EMULSIFIERS, STABILIZERS, THICKENERS, AND GELLING AGENTS (EEC NO. E497) 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>
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>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.2MG/L HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990</p>
USA	REG	FOOD MANUF PACK USE	ADDIT ADDIT ADDIT ADDIT	RSTR RSTR RSTR RSTR	<p>; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED FOR USE AS PLASTICIZERS IN POLYMERIC SUBSTANCES USED IN THE MANUFACTURE OF ARTICLES INTENDED TO BE USED IN PRODUCING, MANUFACTURING, PACKAGING, PROCESSING, OR HOLDING FOOD. THE QUANTITY USED SHALL NOT EXCEED THE AMOUNT REASONABLY REQUIRED TO ACCOMPLISH THE INTENDED TECHNICAL EFFECT. THE AMOUNT OF EACH PLASTICIZER USED IS LIMITED TO THE PERCENT OF PLASTICIZER BY WEIGHT OF POLYMERIC BASE, THE THICKNESS OF THE MATERIAL, OR FOOD TYPE FOR INTENDED USE (21 CFR 178.3740 1988).</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: ADJUVANTS, PRODUCTION AIDS, AND SANITIZERS- PLASTICIZERS IN POLYMERIC SUBSTANCES.</p> <p><u>Reference</u> : FERECAC,42,,14609,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,178,3740,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME POLYPROPYLENE GLYCOL, AND ETHER DERIVITIVES; 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> : FERECAC,54,140,30846,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FERECAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR RSTR RSTR	<p>; SUMMARY - 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> : FERECAC,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 : Polyoxypropylene

RTECS Number : TR5250000

CAS Number : 25322-69-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	FOOD MANUF STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	MINIMUM MOLECULAR WEIGHT 1,000; SUMMARY - 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	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	MINIMUM MOLECULAR WEIGHT 150; 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 SEAM INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991

Common Name : Polystyrene

RTECS Number : WL6475000

CAS Number : 9003-53-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD GOODS	-	PRMT RQR CLASS	CONTACT WITH FOOD AND THE HUMAN BODY PERMITTED. REQUIREMENTS ON COMPOSITION OF RUBBER PRODUCTS AND THEIR CLASSIFICATION ARE GIVEN. (APPLIES ALSO TO COPOLYMERS WITH SPECIFIED MONOMERS) <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
CSK	REG	FOOD GOODS	-	PRMT RQR	CONTACT WITH FOOD PERMITTED. REQUIREMENTS ON COMPOSITION OF PLASTIC MATERIAL ARE GIVEN. (APPLIES ALSO TO COPOLYMERS OF STYRENE WITH SPECIFIED MONOMERS). <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
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 COATING IN ACCORDANCE WITH NATIONAL LEGISLATION - ALSO AS A PART OF COPOLYMER WITH THE OTHER POLYMERS SPECIFIED. <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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO EXPANDABLE POLYSTYRENE BEADS EVOLVING FLAMMABLE VAPOUR). UN NO.2211. <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: 9 = MISCELLANEOUS DANGEROUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO EXPANDABLE POLYSTYRENE BEADS EVOLVING FLAMMABLE VAPOUR). UN NO.2211. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,,15,1989 <u>Entry / Update</u> : SEP1982
USA	REG	FOOD PACK	ADDIT	RSTR RSTR	; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES LISTED AS SAFE FOR USE TO PREPARE PRESSURE SENSITIVE ADHESIVES. THIS ADHESIVE IS SAFE TO USE ON THE FOOD CONTACT SURFACE FOLLOWING THE LIMITATIONS PROVIDED. <u>Title</u> : INDIRECT FOOD ADDITIVES; ADHESIVES AND COMPONENTS OF COATINGS. <u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,175,125,1988 <u>Entry / Update</u> : NOV1991
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	FOR USE AS THE BASIC POLYMER.; SUMMARY - THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBSTANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988. <u>Title</u> : INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE. <u>Reference</u> : FEREAC,42,,14572,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,177,1200,1988 <u>Entry / Update</u> : NOV1991

Common Name : Polystyrene

RTECS Number : WL6475000

CAS Number : 9003-53-6

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	USE PACK	-	RQR RQR	THIS SUBSTANCE IS LISTED AS A RESIN OR POLYMER.; SUMMARY - 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> : FEREC,42,,14534,1977 <u>Last Amendment</u> : CFRUS*,21,175,320,1988 <u>Effective Date</u> : 1977 <u>Entry / Update</u> : NOV1991
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Common Name : Polyvinyl Chloride

RTECS Number : KV0350000

CAS Number : 9002-86-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD GOODS	-	PRMT RQR	CONTACT WITH FOOD PERMITTED. REQUIREMENTS ON COMPOSITION OF PLASTIC MATERIAL ARE GIVEN. <u>Title</u> : DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS <u>Reference</u> : HPMZC*,42,,1978 <u>Effective Date</u> : 1JUL1978 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	1Y-TWA: 5 MG/M3. CALCULATED AS FINE DUST. FINE DUST IS DEFINED AS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS. <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	GOODS FOOD	-	MPC MPC	THE ORDINANCE APPLIES TO: COMMODITIES COMING INTO CONTACT WITH FOOD , COMMODITIES COMING INTO CONTACT WITH THE MUCOUS MEMBRANES OF THE MOUTH, TOYS AND TRICKS COMING INTO CONTACT WITH THE MUCOUS MEMBRANES OF THE MOUTH WHICH ARE PRODUCED BY USING VINYL CHLORIDE POLYMERISATES OR VINYL CHLORIDE COPOLYMERISATES. THEY MAY NOT BE MARKETED IF THE CONTENT OF MONOMERIC VINYL CHLORIDE EXCEEDS 1 MG/KG. LEACHING OF MONOMERIC VINYL CHLORIDE FROM COMMODITIES TO FOOD MAY NOT BE DETECTED. DETECTION LIMIT OF THE OFFICIAL METHOD TO BE USED: 0.01 MG MONOMERIC VINYL CHLORIDE PER KG OF FOOD. <u>Title</u> : ORDINANCE ON VINYL CHLORIDE IN COMMODITY GOODS (VINYLCHLORID-BEDARFSGEGENSTAENDE-VERORDNUNG) <u>Reference</u> : BGZBAD,,I,1773,1979 <u>Effective Date</u> : 18FEB1983 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
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 COATING IN ACCORDANCE WITH NATIONAL LEGISLATION - ALSO AS A PART OF COPOLYMER WITH THE OTHER POLYMERS SPECIFIED (IN ACCORDANCE WITH DIRECTIVE 78/142/EEC - OJEC L44,15,1978). <u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC). <u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987 <u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987
GBR	REG	AIR	OCC	OES	8H-TWA: 10MG/M3 OF TOTAL INHALABLE DUST AND 5MG/M3 OF RESPIRABLE DUST. <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
RUS	REG	AIR	OCC	MAC CLASS	CLV: 10MG/M3 (AEROSOL)(APPLIES ALSO TO COPO LYMERS OF VINYL CHLORIDE AND VINYLIDEN CHLORIDE); HAZ. CLASS: IV <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
RUS	REG	AIR	OCC	MAC CLASS	CLV : 6.0 MG/M3 (AEROSOL) HAZARD CLASS: III <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	FOR USE AS THE BASIC POLYMER.; SUMMARY - THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBST ANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988. <u>Title</u> : INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE. <u>Reference</u> : FERECAC,42,,14572,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,177,1200,1988 <u>Entry / Update</u> : NOV1991

Common Name : Polyvinyl Chloride**RTECS Number :** KV0350000**CAS Number :** 9002-86-2**Area Type Subject Spec. Description Level / Summary Information :**

USA	REG	USE PACK	-	RQR RQR	THIS SUBSTANCE IS LISTED AS A RESIN OR POLYMER.; SUMMARY - 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> : FEREC.42,,14534,1977 <u>Last Amendment</u> : CFRUS*,21,175,320,1988	<u>Effective Date</u> : 1977 <u>Entry / Update</u> : NOV1991
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Common Name : Potassium Chromate

RTECS Number : GB2940000

CAS Number : 7789-00-6

Area Type Subject Spec. Description Level / Summary information :

CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE KCR. 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	TRANSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): NA9142. 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>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CHROMIUM(VI) COMPOUNDS AS DUSTS/AEROSOLS, WITH THE EXCEPTION OF THOSE PRACTICALLY INSOLUBLE IN WATER SUCH AS LEAD CHROMATE, BARIUM CHROMATE AND ZINC CHROMATE.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	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 : Potassium Chromate

RTECS Number : GB2940000

CAS Number : 7789-00-6

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: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); DO NOT BREATHE DUST (S 22); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 0.5% TO 20%: 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>
USA	REC	AIR	OCC	TLV	<p>TIME-WEIGHTED AVG (TWA) 0.05 MG/M3. /CHROMIUM (VI) COMPD, AS CHROMIUM, WATER SOLUBLE/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</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>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> : FEREC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>

Common Name : Potassium Dichromate

RTECS Number : HX768000

CAS Number : 7778-50-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS WOOD PRESERVATIVE. (FORMULATION: PASTE). CODE KDC. 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 OXIDIZING SUBSTANCES, N.O.S., ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</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	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 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 : Potassium Dichromate

RTECS Number : HX7680000

CAS Number : 7778-50-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). LABEL: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43); DO NOT BREATHE DUST (S 22); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). FROM 0.5% TO 20%: XI - IRRITANT; MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
USA	REC	SAFTY USE	OCC	MXL	<p>30 MG/M3 /CHROMIC ACID AND CHROMATES/</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,70,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,70,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /CHROMIUM (VI) COMPOUNDS, AS CHROMIUM WATER SOLUBLE/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</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>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	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>

Common Name : Potassium Dichromate

RTECS Number : HX7680000

CAS Number : 7778-50-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, CHROMATED ARSENICALS, 1986. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	FOOD STORE MANUF PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>CHROMIUM EXTRACTIVES SHALL NOT EXCEED 0.05 UG/IN² OF SURFACE REMOVED BY WATER WASHING THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH HAVE BEEN CONDITIONALLY APPROVED AS OPTIONAL FOR ZINC-SILICON MATRIX COATINGS USED AS FOOD CONTACT SURFACES FOR BULK REUSABLE CONTAINERS USED FOR STORING, HANDLING AND TRANSPORTING FOOD WITH THE SHOWN LIMITATIONS.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS--ZINC-SILICON DIOXIDE MATRIX COATINGS</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,390,1988 <u>Entry / Update</u> : NOV1991</p>

Common Name : Potassium Permanganate

RTECS Number : SD6475000

CAS Number : 7722-64-7

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1490. CLASS (5.1): OXIDIZER; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 99, 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 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. <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	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	AQ	DRINK	PRMT	PERMITTED AS AN ADDITIVE IN DRINKING WATER PROCESSING. MAY ONLY BE USED FOR OXIDATION. <u>Title :</u> ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG) <u>Reference :</u> BGZBAD,,1,2612,1990 <u>Effective Date :</u> 01JAN1991 <u>Last Amendment :</u> BGZBAD,,1,227,1991 <u>Entry / Update :</u> DEC1991
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: O - OXIDIZING; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: O - OXIDIZING; XN - HARMFUL; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8); HARMFUL IF SWALLOWED (R 22); KEEP OUT OF REACH OF CHILDREN (S 2). <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: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1490 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991

Common Name : Potassium Permanganate

RTECS Number : SD6475000

CAS Number : 7722-64-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS STARCH MODIFYING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,404,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1490</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) 5 MG/M3 /MANGANESE DUST & COMPOUNDS, AS MN/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	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> 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 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 SEPARATE FROM AMMONIUM COMPOUNDS AND HYDROGEN PEROXIDE. 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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, POTASSIUM PERMANGANATE, 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> FEREC,54,34,7740,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992</p>

Common Name : Potassium Permanganate

RTECS Number : SD6475000

CAS Number : 7722-64-7

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 : Profenofos

RTECS Number : TE6975000

CAS Number : 41198-08-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.02-0.2 MG/KG; SECURITY INTERVAL: 15-21 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 ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,8,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
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
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.03-0.3 MG/KG; ADI = 0.002 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: 0.03-0.3 MG/KG; ADI = 0.002 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
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME PROFENOFOS 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 : Promecarb

RTECS Number : FB8050000

CAS Number : 2631-37-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,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>POMACEOUS FRUIT, STONE-FRUIT; 0.2 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 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 PACK SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN PROMECARB 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: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1 = 100-35% (SOLID) OR 100-14% (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 A1 = 100-35% (SOLID) OR 100-14% (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	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 : Propachlor

RTECS Number : AE1575000

CAS Number : 1918-16-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991
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: 0.2 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> : EGZBAD,,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
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). XI - IRRITANT; IRRITATING TO EYES (R 36). LABEL: XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); IRRITATING TO EYES (R 36); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992
GBR	REG	USE	PESTI	PRMT	APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> : <u>Entry / Update</u> : 1983
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE. PROHIBITED FOR USE ON SOYA REASONS FOR THE CONTROL ACTION: VOLATILE, ACUTELY MUTAGENIC. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : OSUMH*,21MCH,1985 <u>Entry / Update</u> : AUG1985
RUS	REG	AQ	SURF	MAG	SURFACE WATER FOR FISHING: 0.0 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 : Propachlor

RTECS Number : AE1575000

CAS Number : 1918-16-7

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	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 MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.2-0.3 MG/KG. 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	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
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, PROPACHLOR, 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

Common Name : **Propane**RTECS Number : **TX2275000**CAS Number : **74-98-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>APPENDIX E - SIMPLE ASPHYXIAN. 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.): UN1978. CLASS (2.1): FLAMMABLE GAS. SPECIAL PROVISIONS: 56, 90, 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>
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 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: 1000 ML/M3 (PPM); 1800 MG/M3 (20C, 101.3 KPA). SUBSTANCE ELICITING VERY WEAK EFFECTS. 60 MIN- STEL: 2000 ML/M3 (PPM); 3600 MG/M3; CEILING VALUE; 3X/SHIFT.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	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	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>

Common Name : Propane
 RTECS Number : TX2275000

CAS Number : 74-98-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>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).</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 GAS. EMERGENCY ACTION CODE : 2WE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	RECL	<p>ASPHYXIAN: MONITORING THE OXYGEN CONTENT OF AIR IS OFTEN THE BEST MEANS OF ENSURING SAFETY, WHEN IN PRESENCE OF ASPHYXIANTS. SPECIAL CONSIDERATION IN APPLICATION TO WORK IN MINES AND QUARRIES. MANY ASPHYXIANTS PRESENT A FIRE OR EXPLOSION RISK AT CONCENTRATIONS WELL BELOW THOSE AT WHICH ASPHYXIATION IS LIKELY TO OCCUR.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 25(50) OR MORE TONS OF PROPANE ON ANY SITE OR IN ANY PIPELINE UNLESS THE HEALTH AND SAFETY EXECUTIVE HAS BEEN NOTIFIED AT LEAST 3 MONTHS BEFORE COMMENCING ACTIVITY. SPECIFIED CHANGES IN ANY ACTIVITY OF THIS TYPE SHOULD BE RE-NOTIFIED AS IF IT WERE A NEW ACTIVITY. (APPLIES TO LIQUEFIED PETROLEUM GAS, SUCH AS COMMERCIAL PROPANE AND COMMERCIAL BUTANE AND ANY MIXTURES THEREOF HELD AT A PRESSURE GREATER THAN 1.4 BAR ABSOLUTE (1.4 BAR OR LESS UNDER REFRIGERATION)).</p> <p><u>Title</u> : HEALTH AND SAFETY, THE NOTIFICATION OF INSTALLATIONS HANDLING HAZARDOUS SUBSTANCES REGULATIONS 1982</p> <p><u>Reference</u> : GBRSI*,1357,,1982 <u>Effective Date</u> : 1JAN1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 =GAS (COMPRESSED STC.). UN NO.1978.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10D04,1990 <u>Entry / Update</u> : JAN1991</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS PRESSURE DISPENSING AND AERATING AGENT. 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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 300.0 MG/M3 (VAPOUR) (APPLIES TO ALKANES WITH 1-10 C-ATOMS) (CALCULATED AS C) HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Effective Date</u> : 01JAN1989</p> <p><u>Entry / Update</u> : MAY1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 =GAS (COMPRESSED STC.). (SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID). UN NO.1978.</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : SEP1982</p>

Common Name : **Propane**

RTECS Number : TX2275000

CAS Number : 74-98-6

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	SAFTY USE	OCC DCC	MXL MXL	20000 PPM
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Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW.90.117.186.1990Effective Date : JUN1990Last Amendment : XPHPAW.90.117.186.1990Entry / Update : OCT1991

USA	REC	AIR	OCC	TLV	
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SIMPLE ASPHYXIANTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.

Title : THRESHOLD LIMIT VALUESReference : ACGIH*...11.1989Effective Date : 1989Last Amendment : ACGIH*...11.1991Entry / Update : DEC1991

Common Name : 2-Propanol

RTECS Number : NT8050000

CAS Number : 67-63-0

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 980 MG/M3 (400 PPM); 15 MIN - STEL: 1225 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,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: 400 PPM, 980 MG/M3; STEL: 500 PPM, 1,225 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> CAGGAK,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> CAGAAG,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>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1988. CODE IAL. 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> CAGAAG,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.): UN1219. 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 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> CAGAAG,124,26,,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>

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CSK REG MANUF OCC CLASS RQR RSTR PRODUCTION OF ISOPROPANOL BY SULFONATION IS CLASSIFIED AS PROCESS WITH OCCUPATIONAL CARCINOGENIC RISK. REQUIREMENTS AND RESTRICTIONS ON THE PROCESS ARE GIVEN.

Title : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS

Reference : VMZSR*,3.,1985

Effective Date : 1APR1985

Last Amendment : VMZSR*,10,98,1990

Entry / Update : DEC1991

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.

Title : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)

Reference : GMSMA6,8,114,1990

Effective Date :

Last Amendment :

Entry / Update : DEC1991

DEU REC AIR OCC MAK 8H-TWA: 400 ML/M3 (PPM); 980 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 800 ML/M3 (PPM); 1960 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: 4.0 KPA AT 20C.

Title : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)

Reference : MPGDFD,XXVII,17,1991

Effective Date :

Last Amendment :

Entry / Update : JAN1992

DEU REC AIR OCC BAT BLOOD: 50 MG/L, AS ACETONE. URINE: 50 MG/L, AS ACETONE. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT.

Title : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)

Reference : MPGDFD,XXVII,,99,1991

Effective Date :

Last Amendment :

Entry / Update : FEB1992

DEU REG CLASS LABEL PACK - CLASS RQR RSTR 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

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.

Title : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.

Reference : OJEC**,115,,2645/62,1962

Effective Date :

Last Amendment : OJEC**L43,,11,1981

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EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>STRONG ACID PROCESS IN THE MANUFACTURE OF ISOPROPYL ALCOHOL IS A PROCESS BY WHICH WORKERS ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK. IN THIS TYPE OF ACTIVITY, THE RISK TO THE HEALTH AND SAFETY OF WORKERS MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE PROCESS AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS PROCESS. WHERE THE REPLACEMENT OF THE PROCESS IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference :</u> OJEC**,196,,1,1990 <u>Effective Date :</u> 31DEC1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>
EEC	REG	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 ISOPROPYL ALCOHOL UP TO 5% (VOL.). PUMPS WHICH DISPENSE MOTOR FUELS CONTAINING MORE THAN 10% (VOL.) OF ISOPROPYL ALCOHOL SHALL BE VERY CLEARLY MARKED ACCORDINGLY TO MAKE ACCOUNT IN PARTICULAR OF VARIATIONS IN THE CALORIFIC VALUE OF SUCH FUELS</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 5 DECEMBER 1985 ON CRUDE-OIL SAVINGS THROUGH THE USE OF SUBSTITUTE FUEL COMPONENTS IN PETROL. (85/536/EEC).</p> <p><u>Reference :</u> OJEC**,L334,,20,1985 <u>Effective Date :</u> 01JAN1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> FEB1986</p>
EEC	REG	FOOD 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**,L 123,,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: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). LABEL: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11); KEEP CONTAINER TIGHTLY CLOSED (S 7); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IT SHOULD 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 APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS: FLAMMABLE LIQUID. EMERGENCY ACTION CODE: 2(S)E</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RQR RQR	<p>CLASSIFIED AS A NON-POLLUTING LIQUID SUBSTANCE. DOCUMENTARY EVIDENCE OF ASSESSMENT AND APPROVAL REQUIRED BY A CARRIER. DISCHARGE INTO THE SEA IS NOT PROHIBITED.</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>

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GBR	REG	AIR	OCC	OES	8H-TWA: 980MG/M3 (400PPM). STEL(10MIN-TWA): 1225MG/M3 (500PPM). 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: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1219 <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	CLV: 980 MG/M3 (400 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 FOR EXTRACTING MOISTURE, FAT AND OTHER SOLUBLE COMPONENTS FROM FISH. 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 980 MG/M3 (400 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1225 MG/M3 (500 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	AIR	AMBI	MAC	0.6 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: 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
RUS	REG	AQ	SURF	MAC CLASS	0.25 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	ID-TWA: 350 MG/M3 (150 PPM); 15 MIN - STEL: 600 MG/M3 (250 PPM). (APPLIES TO ALL ISOMERS OF PROPANOL). <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 = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1219 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990

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USA	REC	SAFTY USE	OCC OCC	MXL MXL	12000 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) 400 PPM, 985 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 500 PPM, 1230 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 PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBSTANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988. <u>Title</u> : INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE. <u>Reference</u> : FEREAC,42,,14572,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,177,1200,1988 <u>Entry / Update</u> : NOV1991
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER. MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991
USA	REG	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 MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME ALIPHATIC ALCOHOLS, C1-C5THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992

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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	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREC,47,,26998,1982 <u>Effective Date :</u> 1982 <u>Last Amendment :</u> CFRUS*,40,712,30,1990 <u>Entry / Update :</u> OCT1991

Common Name : n-Propanol

RTECS Number : UH8225000

CAS Number : 71-23-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 500 MG/M3 (200 PPM); 15 MIN - STEL: 625 MG/M3 (250 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1274. 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: 200 PPM, 500 MG/M3; STEL: 250 PPM, 625 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA : 500.0 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>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL ALKYL ALCOHOLS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : n-Propanol

RETECS Number : UH8225000

CAS Number : 71-23-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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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 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/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11). LABEL: F - HIGHLY FLAMMABLE; HIGHLY FLAMMABLE (R 11); KEEP CONTAINER TIGHTLY CLOSED (S 7); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16). IT SHOULD 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 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: 500 MG/M3 (200 PPM). STEL (10 MIN-TWA): 625 MG/M3 (250 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: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1274.</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 500 MG/M3 (200 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 625 MG/M3 (250 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.3 MG/M3 1X/D, 0.3 MG/M3 AV/D.</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>

Common Name : n-Propanol

RTECS Number : UH8225000

CAS Number : 71-23-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.25 MG/L HAZARD CLASS: IV <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: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1274. <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) 200 PPM, 492 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 250 PPM, 615 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	4000 PPM <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,188,1990 <u>Last Amendment</u> : XPHPAW,90,117,188,1990 <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> : FEREAC,42,,14534,1977 <u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Effective Date</u> : 1977 <u>Entry / Update</u> : NOV1991
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	RESIDUE LIMIT NOT TO EXCEED 0.1 PERCENT BY WEIGHT OF THE FINISHED CELLOPHANE. THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER 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>Last Amendment</u> : CFRUS*,21,177,1200,1988 <u>Effective Date</u> : 1977 <u>Entry / Update</u> : NOV1991
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	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. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Entry / Update</u> : JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 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 : **Propham**RTECS Number : **FD9100000**CAS Number : **122-42-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD	-	AL	POTATOES : 50 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.,174,1979 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982
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 - 5.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF CHLOROPROPHAM AND PROPHAM. <u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference :</u> BGZBAD,,I,1861,1989 <u>Effective Date :</u> 22MCH1990 <u>Last Amendment :</u> BGZBAD,,I,481,1990 <u>Entry / Update :</u> DEC1991
GBR	REG	USE	PESTI	PRMT	APPROVED AS A SOIL-ACTING HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	USE	PESTI	PRMT	APPROVED FOR APPLICATION BY FOGGING MACHINES (APPLIES TO PROPHAM WITH CHLOROPROPHAM). 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
RUS	REG	AIR	AMBI	MAC	0.02 MG/M3 1X/D; 0.02 MG/M3 AV/D. <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 : 2.0 MG/M3 (VAPOUR + 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	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: CARCINOGENIC <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,, <u>Entry / Update :</u> AUG1988
RUS	REG	AQ	SURF	MAC CLASS	0.2 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 : **Propham**RTECS Number : **FD9100000**CAS Number : **122-42-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, PROPHAM, 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.
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Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.

Reference : FEREAC,54,34,7740,1989

Effective Date : 1988

Last Amendment : FEREAC,54,34,7740,1989

Entry / Update : JAN1992

Common Name : **Propineb**RTECS Number : **ZH4950000**CAS Number : **12071-83-9**Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-5 MG CS2/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.
					<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>
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.
					<p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,,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	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED
					<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	APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED
					<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>
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)
					<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	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.
					<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 : **Propionitrile**RTECS Number : **UF9625000**CAS Number : **107-12-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2404. CLASS (3.2): FLAMMABLE LIQUID; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 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: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK 124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 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>
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>
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> GBRSl*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSl*,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> GBRSl*,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. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2404.</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: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE). PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2404.</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 : **Propionitrile**RTECS Number : **UF9625000**CAS Number : **107-12-0**

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 MG/M3, SKIN /CYANIDES, AS CN, POTASSIUM AND SODIUM SALTS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING 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	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>
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 : Propoxur

RTECS Number : FC3150000

CAS Number : 114-26-1

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*,24170,1,1,1979 <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 FEED USE	- - AGRIC CONSM	AL AL PRMT RSTR	<p>SPECIFIED PLANT PRODUCTS: 0.5-3 MG/KG (SECURITY INTERVAL* 4-14 DAYS); SPECIFIED ANIMAL PRODUCTS: 0.05 MG/KG(INTERVAL BETWEEN LAST APPLICATION AND MILKING OR SLAUGHTER: 14 DAYS). PASTURE: 5 MG/KG (INTERVAL BETWEEN APPLICATION AND GRAZING: 7 DAYS); THE RESIDUE IS CALCULATED AS PROPOXUR AND ITS PRINCIPLE METABOLITES. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 2.5% (WT/WT). FUMIGATION PROHIBITED.</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: 0.5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; PRESSURIZED PRODUCT; SOLUTION; PARTICULATE; SLOW RELEASE GENERATOR; PASTE). CODE BAY. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference</u> : SPPOR*...290,1990 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 2 MG/M3. CALCULATED AS TOTAL DUST (20C, 101.3 KPA).</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE 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 : Propoxur

RTECS Number : FC3150000

CAS Number : 114-26-1

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,,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: 3.0 - 50.0 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	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
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 LABEL SALE	PESTI	CLASS 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	FOOD	PESTI	MRL	PLANT (GENERAL): 3.0 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
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.02 MG/KG BW; MRL: FODDERS AND STRAWS (GREEN), LEGUME ANIMAL FEEDS (GREEN): 5 MG/KG; APPLES, BLACKBERRIES, CHERRIES, CURRANTS (RED), GOOSEBERRIES, OTHER VEGETABLES, PEACHES, PEARS, PLUMS, STRAWBERRIES: 3 MG/KG; CEREAL GRAINS, ROOT VEGETABLES (INCLUDING POTATOES): 0.5 MG/KG; RICE (HULLED): 0.1 MG/KG; CARCASE MEAT, MILK: 0.05 MG/KG (EXPRESSED AS PROPOXUR) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*,XIII,,75-IV,1986 <u>Entry / Update</u> : APR1991
GBR	REG	AIR	OCC	OES	8H-TWA: 0.5 MG/M3. STEL (10 MIN-TWA): 2 MG/M3 <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992

Common Name : Propoxur

RTECS Number : FC3150000

CAS Number : 114-26-1

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 = 100-45% (SOLID) OR 100-18% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,6222,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 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. <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	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN SPECIFIC FOOD PRODUCTS ADI = 0.02 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
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. KEMKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991. <u>Reference :</u> PFBK*,,,,1991 <u>Last Amendment :</u> <u>Effective Date :</u> **APR1992 <u>Entry / Update :</u> JAN1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-45% (SOLID) OR 100-18% (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 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	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	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 : Propylene Dichloride

RTECS Number : TX9625000

CAS Number : 78-87-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 350 MG/M3 (75 PPM), 15 MIN - STEL : 510 MG/M3 (110 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB* 24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB* 27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 75 PPM, 350 MG/M3; STEL: 110 PPM, 510 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONALSAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	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.): UN1279. CLASS (3.2): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 43, 74, 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>
DEU	REC	AQ USE	-	CLASS RQR	<p>INDST</p> <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: 75 ML/M3 (PPM); 350 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH, 30 MIN- STEL: 375 ML/M3 (PPM); 1750 MG/M3; AVERAGE VALUE; 2X/SHIFT. VAPOUR PRESSURE: 5.6 KPA AT 20C.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGFDF,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Propylene Dichloride

RTECS Number : TX9625000

CAS Number : 78-87-5

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 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>
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 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1279.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT		RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>

Common Name : Propylene Dichloride

RTECS Number : TX9625000

CAS Number : 78-87-5

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	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>Effective Date</u> : 14MCH1988 <u>Last Amendment</u> : JPNCO*,,,,1991 <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 350 MG/M3 (75 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 510 MG/M3 (110 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AIR	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
RUS	REG	AQ	SURF	MAC CLASS	0.4 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	0.18 MG/M3 AV/D. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : AUG1984 <u>Last Amendment</u> : PDKAV*,3086-84,,1984 <u>Entry / Update</u> : SEP1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS NEMATOCIDE. 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 : Propylene Dichloride

RTECS Number : TX9625000

CAS Number : 78-87-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1279. <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	2000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,188,1990 <u>Last Amendment :</u> XPHPAW,90,117,188,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 75 PPM. 347 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 110 PPM. 509 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 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	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	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	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 : Propylene Dichloride

RTECS Number : TX9625000

CAS Number : 78-87-5

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	AQ	DRINK	MPC	<p>0.005 MG/L: THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title :</u> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference :</u> FEREAC,40,,59570,1975 <u>Effective Date :</u> 1975</p> <p><u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	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	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	EMI	RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference :</u> FEREAC,51,,34547,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991</p>
USA	REG	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	INDST	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 : **Propylene Dichloride**RTECS Number : **TX9625000**CAS Number : **78-87-5**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES. THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREAC,51,,32726,1986 <u>Effective Date :</u> 1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Entry / Update :</u> OCT1991
USA	REG	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
WHO	REC	AQ AQ	DRINK PESTI	GL GL	20 UG/L. PROVISIONAL GUIDELINE VALUE. 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 : Propylene Oxide

RTECS Number : TZ2975000

CAS Number : 75-56-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 50 MG/M3 (20 PPM). POTENTIAL CARCINOGEN.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB* 24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB* 27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
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.): UN1280. CLASS (3.1): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 99, 109. PACKING GROUP I. (I=GREAT DANGER,III=MINOR DANGER). MAXIMUM AMOUNT PERPACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 1 L. MAXIMUMAMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT 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: 20 PPM, 50 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 FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGFDG,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Propylene Oxide

RTECS Number : TZ2975000

CAS Number : 75-56-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AIR	OCC	TRK	<p>8H-TWA: 2.5 ML/M3; 6 MG/M3. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.)</p> <p><u>Title</u> : TECHNICAL GUIDANCE NOTE FOR HAZARDOUS CHEMICALS (TRGS) 102: "TECHNICAL EXPOSURE LIMITS (TRK) FOR HAZARDOUS CHEMICALS" (TECHNISCHE REGELN FUER GEFAHRSTOFFE (TRGS) 102: "TECHNISCHE RICHTKONZENTRATIONEN (TRK) FUER GEFAHRLICHE STOFFE")</p> <p><u>Reference</u> : BNOSD6,,2,120,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : BNOSD6,,11,52,1991 <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
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 PACK	-	CLASS RQR RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12), CARC. CAT. 2; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). XI - IRRITANT, IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: F+ - EXTREMELY FLAMMABLE; T - TOXIC; MAY CAUSE CANCER (R 45); EXTREMELY FLAMMABLE (R 12); 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); 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 CHARGES (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>

Common Name : Propylene Oxide

RTECS Number : TZ2975000

CAS Number : 75-56-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	<p>THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
EEC	REG	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	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 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	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>

Common Name : Propylene Oxide

RTECS Number : TZ2975000

CAS Number : 75-56-9

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	AIR	OCC	OES	<p>8H-TWA: 50 MG/M3 (20 PPM); STEL (10 MIN-TWA): 240 MG/M3 (100 PPM). OES: PROPOSAL FOR WITHDRAWAL.</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. (APPLIES TO PROPYLENE OXIDE AND TO ETHYLENE OXIDE / PROPYLENE OXIDE MIXTURE).</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>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	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 2PE</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
GBR	REG	USE	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 5 OR MORE TONS OF PROPYLENE 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	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 : Propylene Oxide

RTECS Number : TZ2975000

CAS Number : 75-56-9

Area Type Subject Spec. Description Level / Summary Information :

IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON. PACKING GROUP: I = 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>Effective Date</u> : <u>Last Amendment</u> : (MCOG*, 10004,1990) <u>Entry / Update</u> : JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1280. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : (MCOG*, 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 REONSABILITIES 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
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

Common Name : Propylene Oxide

RTECS Number : TZ2975000

CAS Number : 75-56-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</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	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS STARCH MODIFYING AGENT. 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,,404,1978 <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 50 MG/M3 (20 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> : <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>0.08 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	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 : 5 UG/L</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : PDKTV*,,,1978 <u>Entry / Update</u> : JUN1982</p>
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>

Common Name : Propylene Oxide

RTECS Number : TZ2975000

CAS Number : 75-56-9

Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	AIR	OCC	HLV	1D-TWA: 12 MG/M3 (5 PPM); 15 MIN - STEL: 25 MG/M3 (10 PPM). CARCINOGENIC. <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: 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>Effective Date</u> : <u>Last Amendment</u> : UNTDGM*,.,15,1989 <u>Entry / Update</u> : AUG1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1280. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDGM*,.,15,1989 <u>Entry / Update</u> : SEP1982
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 20 PPM, 48 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,90,117,190,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,190,1990 <u>Entry / Update</u> : OCT1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference</u> : FERAC,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	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 : Propylene Oxide

RTECS Number : TZ2975000

CAS Number : 75-56-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=10,000 RQ=100 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT: LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME PROPYLENE 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 CALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED: LIST B <u>Reference</u> : FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 GALLON/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	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
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 : Propylene Oxide

TECS Number : TZ2975000

CAS Number : 75-56-9

Area Type Subject Spec. Description Level / Summary Information :

SA	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 3607A. 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.
		USE	OCC	PRMT	
		SAFTY	OCC	MXL	

Title : PRELIMINARY ASSESSMENT INFORMATION RULES

Reference : FEREAC.47,26998,1982

Effective Date : 1982

Last Amendment : CFRUS.40,712,30,1990

Entry / Update : OCT1991

Common Name : **Prothiofos**

RTECS Number :

CAS Number : **34643-46-4**Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	FOOD	PESTI	MRL	GRAPES: 1.0 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
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	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1 MG/KG; ADI = 0.08 MG/KG (CALCULATED VALUE) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JAN1988 <u>Last Amendment</u> : MDUPP*,4540-87,,1987 <u>Entry / Update</u> : JUL1990

Common Name : Prothoate

RTECS Number :

CAS Number : 2275-18-5

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 INCIDENCE HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	USE	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 MARKED IN WEED STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN PROTHOATE 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); 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>
NO	REC	TRNSP LABEL PACK	MARIN	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 15-4% A.I. (SOLID) OR 15-1% A.I. (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>

Common Name : **Prothoate**

RTECS Number :

CAS Number : **2275-18-5**Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
UN	REC	TRANSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->15% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 15-4% A.I. (SOLID) OR 15-1% A.I. (LIQUID).

Title :Reference _____ :Effective Date :Last Amendment : UNTDG*,162,1989Entry / Update : MAY1986

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	
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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,,13395,1987Effective Date : 1987Last Amendment : CFRUS*,40,355,,1990Entry / Update : OCT1991

Common Name : **Pyrazophos**RTECS Number : **TF2035000**CAS Number : **13457-18-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM CLASS	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-0.2 MG/KG; SECURITY INTERVAL: 7-35 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
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE PYF. 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	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 - 10.0 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
BRA	REG	USE	PESTI	PRMT	APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
MO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER WHEN A.1. = 100-45 % (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,6222,1990 <u>Entry / Update :</u> JAN1991
US	REG	AIR	OCC	PSL	CLV : 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

Common Name : Pyrazophos

RTECS Number : TF2035000

CAS Number : 13457-18-6

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS. 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 ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS. 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
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE. USE ON COVERED GROUND PROHIBITED REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC, EMBRYOTOXIC AND TERATOGENIC EFFECTS	<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
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES : 1.0 MG/KG	<u>Title</u> :	THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.		
						<u>Reference</u> _____ :	SLVFS*,1983:1,,,1983	<u>Effective Date</u> :	01JAN1990
						<u>Last Amendment</u> :	SLVFS*,1989:29,,,1989	<u>Entry / Update</u> :	1992

Common Name : Pyrene

RTECS Number : UR2450000

CAS Number : 129-00-0

Area Type Subject Spec. Description Level / Summary Information :

CAN	REC	WASTE SOIL AQ SED	GRND SURF	GL	THE GUIDELINES USE AN "ABC" APPROACH. "A" REPRESENTS THE APPROXIMATE ACHIEVABLE DETECTION LIMITS IN SOIL; IN UNDERGROUND WATER, IT IS BASED ON DRINKING WATER CRITERIA. "B" IS AN INTERMEDIATE VALUE, APPROXIMATELY 5 TO 10 TIMES ABOVE VALUE A. "C" IS CONSIDERED TO BE THE LEVEL AT WHICH CONTAMINATION IS SIGNIFICANT. CONCENTRATION IN SOIL: A - 0.1 MG/KG DRY WEIGHT; B - 10 MG/KG DRY WEIGHT; C - 100 MG/KG DRY WEIGHT. CONCENTRATION IN GROUND WATER: A - 0.2 MICROGRAMS/LITER; B - 2 MICROGRAMS/LITER; C - 20 MICROGRAMS/LITER. PRESCRIBED BY THE INTERIM GUIDELINES FOR PAH CONTAMINATION AT ABANDONED COAL TAR SITES, PREPARED BY THE AD HOC FEDERAL-PROVINCIAL WORKING GROUP ON INTERIM PAH GUIDELINES FOR THE WASTE MANGEMENT COMMITTEE, TOXIC SUBSTANCES ADVISORY COMMITTEE OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS. THE DEVELOPMENT OF THESE GUIDELINES WAS UNDERTAKEN RECOGNIZING THAT SEVERAL LONGER TERM INITIATIVES SUCH AS THE DEVELOPMENT OF MULTI-MEDIA GUIDELINES FOR PAH ARE UNDERWAY. THE INTERIM GUIDELINES ARE THEREFORE INTENDED FOR USE BY MEMBER GOVERNMENTS OF THE CCREM UNTIL DEFINITIVE CRITERIA ARE DEVELOPED.
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Title :

Reference : CREPE8,,4,,1990 Effective Date : NOV1989

Last Amendment : Entry / Update : DEC1991

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

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

Last Amendment : Entry / Update : APR1991

RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.03 MG/M3 (AEROSOL) HAZARD CLASS: I
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Title :

Reference : Effective Date : 01JAN1989

Last Amendment : GOSTS*,12.1.005,,,1988 Entry / Update : MAY1990

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.
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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

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=1,000/10,000 RQ=5,000 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.
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Title : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES

Reference : FEREC,52,,13395,1987 Effective Date : 1987

Last Amendment : CFRUS*,40,355,,1990 Entry / Update : OCT1991

Common Name : Pyrene

RTECS Number : UR2450000

CAS Number : 129-00-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	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	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 COMPREHENSIVE ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : COMPREHENSIVE ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,53,,51721,1988 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : CFRUS*,40,704,225,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : Pyrethrin I

RTECS Number : GZ1750000

CAS Number : 121-21-1

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 = 1.3 PPM; APPLIES TO A MIXTURE OF PYRETHRIN I AND PYRETHRIN II. 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>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL PYRETHRINS)</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: 1.0 - 3.0 MG/KG. OTHER PLANT PRODUCTS: 0.5 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> _____ : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> _____ : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 1 MG/KG (CALCULATED AS THE SUM OF PYRETHRINS I AND II, CINERINS I AND II, AND JASMOLINS I AND II)</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): 3 MG/KG (SUM OF PYRETHRINS I AND II, CINERINS I AND II, JASMOLINS I AND II)</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 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 PYRETHRINS INCLUDING CINERINS.</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: 5 MG/M3. STEL (10 MIN-TWA): 10 MG/M3. (APPLIES TO ALL PYRETHRINS).</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 : Pyrethrin I

RTECS Number : GZ1750000

CAS Number : 121-21-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.1-3.0 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>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 1.0 MG/KG (INCL. PYRETHRIN II)</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	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference</u> : PFBK*,,,,1991 <u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME PYRETHRIN, 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.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference</u> : FEREC,54,100,22706,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Pyrethrin II

RTECS Number : GZ0700000

CAS Number : 121-29-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
AN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	<p>TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 1-3 PPM; APPLIES TO A MIXTURE OF PYRETHRIN I AND PYRETHRIN II. 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>
SK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL PYRETHRINS)</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>
EU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 1.0 - 3.0 MG/KG. OTHER PLANT PRODUCTS: 0.5 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>
EU	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>
EC	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**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>
EC	REG	FOOD	PESTI	MRL	<p>CEREALS (GENERAL): 3 MG/KG (SUM OF PYRETHRINS I AND II, CINERINS I AND II, JASMOLINS I AND II)</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>
EC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 1 MG/KG (CALCULATED AS THE SUM OF PYRETHRINS I AND II, CINERINS I AND II, AND JASMOLINS I AND II).</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>
BR	REG	AIR	OCC	OES	<p>8H-TWA: 5 MG/M3. STEL (10 MIN-TWA): 10 MG/M3. (APPLIES TO ALL PYRETHRINS).</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 : Pyrethrin II

RTECS Number : GZ0700000

CAS Number : 121-29-9

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
SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 1.0 MG/KG (INCL. PYRETHRIN I) <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
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> : FERECAC.51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)]!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#) RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991

Common Name : **Pyrethrum**RTECS Number : **UR4200000**CAS Number : **8003-34-7****Area Type Subject Spec. Description Level / Summary Information :**

ARG	REG	AIR	OCC	MPC	8H-TWA : 5 MG/M3 <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*.27145,,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	USE	AGRIC	PRO	NOT AUTHORIZED FOR AGRICULTURE. USE AUTHORIZED FOR DOMESTIC SANITATION ACCORDING TO PRESCRIPTIONS IN FORMULATIONS OF 2% (W/W). <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	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING, RESTRICTED USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; MICROENCAPSULATED SUSPENSION; PRESSURIZED PRODUCT; DUST OR POWDER; SOLUTION; SUSPENSION; SOLID; PASTE). CODE PYR. 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: 5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CSK	REG	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	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 1-3MG/KG. <u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS <u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986 <u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES FOR ALL PYRETHRINS) <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30MIN-STEL: 50 MG/M3; AVERAGE VALUE: 1X/SHIFT. DANGER OF SENSITIZATION (DOES NOT APPLY TO CONSTITUENTS OF INSECTICIDES). <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 : Pyrethrum

RTECS Number : UR4200000

CAS Number : 8003-34-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	AIR	OCC	ILV	<p>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.</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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 5MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10MG/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	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>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>5000 MG/M3</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,190,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,190,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 MG/M3; 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 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))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	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME PYRETHRIN, AND DERIVITIVES 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. 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. (APPLIES TO PYRETHRUM POWDER OTHER THAN PYRETHRINS)</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference :</u> FEREC,54,100,22706,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992</p>

Common Name : Pyridine

RTECS Number : UR8400000

CAS Number : 110-86-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 15 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	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.): UN1282. 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.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 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>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
IK	REG	AIR	OCC	MAC	<p>TWA: 5.0 MG/M3; CLV: 10.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>

Common Name : **Pyridine**RTECS Number : **UR8400000**CAS Number : **110-86-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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. VAPOUR PRESSURE: 2.0 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	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, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22). LABEL: F - HIGHLY FLAMMABLE; XN - HARMFUL; HIGHLY FLAMMABLE (R 11); HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 20/21/22); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 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>
EEC	REG	AIR	OCC	ILV	<p>15 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); 5 PPM (ML/M3) IN AIR: THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. EXISTING SCIENTIFIC DATA ON HEALTH EFFECTS APPEAR TO BE PARTICULARLY LIMITED.</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 : Pyridine

RTECS Number : UR8400000

CAS Number : 110-86-1

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: 2WE</p> <p><u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1702,,,1978 <u>Effective Date :</u> 28MCH1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983</p>
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR 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>HZARD CLASS: 3 = INFLAMMABLE LIQUID. SUBSIDIARY RISK LABEL: POISON, CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1282.</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 15 MG/M3 (5 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 30 MG/M3 (10 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 5.0 MG/M3 (VAPOUR) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AIR	AMBI	MAC	<p>0.08 MG/M3 1X/D; 0.08 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 : 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> JUN1982</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>
WE	REG	AIR	OCC	HLV	<p>1D-TWA: 16 MG/M3 (5 PPM); 15 MIN - STEL: 35 MG/M3 (10 PPM).</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS**,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>

Common Name : Pyridine

RTECS Number : UR8400000

CAS Number : 110-86-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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.1282. <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	3600 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,190,1990 <u>Last Amendment :</u> XPHPAW,90,117,190,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 5 PPM, 16 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <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	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 173--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	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 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>Last Amendment :</u> CFRUS* 40,264,,1990 <u>Effective Date :</u> 1987 <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>Last Amendment :</u> CFRUS* 40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992

Common Name : Pyridine

RTECS Number : UR8400000

CAS Number : 110-86-1

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	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>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	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : **Pyrocatechol**RTECS Number : **UX1050000**CAS Number : **120-80-9**

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*,24170,1,1,1979 <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	DCC	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> : MCH1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT, THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	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>
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>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. SPECIFIC MIGRATION LIMIT IN FOOD OR FOOD SIMULANT: 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).</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> : 31DEC1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>

Common Name : Pyrocatechol

RTECS Number : UX1050000

CAS Number : 120-80-9

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). X1 - IRRITANT: IRRITATING TO EYES AND SKIN (R 36/38). LABEL: XN - HARMFUL: HARMFUL IN CONTACT WITH SKIN AND IF SWALLOWED (R 21/22); IRRITATING TO EYES AND SKIN (R 36/38); DO NOT BREATHE DUST (S 22); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); WEAR SUITABLE GLOVES (S 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	AIR	OCC	OES	<p>8H-TWA: 20 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>
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>
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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3 (AEROSOL) HAZ. CLASS: JI</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>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 PPM, 23 MG/M3. SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AIR	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	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 : Pyrogallol

RTECS Number : UX2800000

CAS Number : 87-66-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CSK	REG	GOODS	-	RSTR MXL	MAXIMUM LIMIT IN COSMETICS: 30 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,,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 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 10%: 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
RUS	REG	AQ	SURF	MAC CLASS	0,1 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 : **Quintozene**RTECS Number : **DA6650000**CAS Number : **82-68-8**Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-5 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, MANUFACTURING USE AS FUNGICIDE (AGRICULTURAL). (FORMULATION: DUST OR POWDER; WETTABLE POWDER). CODE QTZ. 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	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.01-0.1 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	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: 0.02 - 1.0 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,,I,1861,1989
					<u>Effective Date :</u> 22MCH1990
					<u>Last Amendment :</u> BGZBAD,,I,481,1990
					<u>Entry / Update :</u> DEC1991
EEC	REG	USE USE SALE	PESTI AGRIC PESTI	PRO PRO PRO	MEMBER STATES SHALL ENSURE THAT PLANT PROTECTION PRODUCTS CONTAINING THIS ACTIVE SUBSTANCE ALONE OR IN COMBINATION WITH OTHER ACTIVE SUBSTANCES LISTED MAY NEITHER BE PLACED ON THE MARKET NOR USED. (APPLIES TO QUINTOZENE CONTAINING MORE THAN 1 G/KG OF HCB OR MORE THAN 10 G/KG PENTACHLOROBENZENE).
					<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> 30DEC1990
					<u>Last Amendment :</u> OJEC**,L92,,42,1991
					<u>Entry / Update :</u> JUL1991
F/W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.007 MG/KG BW; MRL: PEANUTS (WHOLE): 5 MG/KG; LETTUCE: 3 MG/KG; PEANUTS (KERNELS): 2 MG/KG; BANANAS (WHOLE): 1 MG/KG; NAVY BEANS, POTATOES: 0.2 MG/KG; TOMATOES: 0.1 MG/KG; COTTONSEED: 0.03 MG/KG; BROCCOLI, CABBAGE: 0.02 MG/KG; BANANAS (IN PULP), BEANS (EXCEPT NAVY BEANS), PEPPERS (BELL-TYPE): 0.01 MG/KG (EXPRESSED AS SUM OF QUINTOZENE, PENTACHLOROANILINE, AND METHYL PENTACHLOROPHENYL SULFIDE)
					<u>Title :</u>
					<u>Reference :</u>
					<u>Effective Date :</u> 1986
					<u>Last Amendment :</u> FAOCA*,XIII,,64-IV,1986
					<u>Entry / Update :</u> APR1991
BR	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 : **Quintozene**RTECS Number : **DA6650000**CAS Number : **82-68-8**

<u>Area</u>	<u>Type</u>	<u>Subject</u>	<u>Spec.</u>	<u>Description</u>	<u>Level / Summary Information :</u>
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.01-3.0 MG/KG (AS THE SUM OF QUINTOZENE, PENTACHLOROANILINE AND METHYL-PENTACHLOROPHENYL SULPHIDE, EXPRESSED AS QUINTOZENE). 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: 0.02-10 MG/KG <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*.40,,410,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: PERSISTENT, HIGHLY CUMULATIVE, CARCINOGENIC <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Entry / Update :</u> AUG1988
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTSADI = 0.007 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 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	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	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	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
SWE	REG	FOOD	PESTI	MTC	FRUIT AND VEGETABLES: 0.2-1 MG/KG (INCL.PENTACHLOROANILINE) <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 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 : **Quintozene**RTECS Number : **DA6650000**CAS Number : **82-68-8**

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>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, PCNB, 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	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>
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 : Resmethrin

RTECS Number :

CAS Number : 10453-86-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	USE USE	AGRIC CONSM	PRO RSTR	USE NOT AUTHORIZED IN AGRICULTURE. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 1.4% (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>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 ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: PRESSURIZED PRODUCT; SOLUTION; EMULSIFIABLE CONCENTRATE OR EMULSION; SOLID). CODE REZ. 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
USA	REG	CLASS MANUF		RQR PRMT	REGISTRATION STANDARD. RESMETHRIN, 1988. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT 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 : Resorcinol

RTECS Number : VG9625000

CAS Number : 108-46-3

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 45 MG/M3 (10 PPM), 15 MIN - STEL : 90 MG/M3 (20 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB* 27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	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, 45 MG/M3; STEL: 20 PPM, 90 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.): UN2876. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP III. (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 100 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 200 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <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	GOODS	-	RSTR MXL	MAXIMUM LIMITS IN COSMETICS: 10-20 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

Common Name : Resorcinol

RTECS Number : VG9625000

CAS Number : 108-46-3

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES AND SKIN (R 36/38); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES AND SKIN (R 36/38). FROM 10% TO 20%: 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	AIR	OCC	ILV	<p>45 MG/M3 OF AIR AT 20 C AND 101.3 KPA (760 MM HG); 10 PPM (ML/M3) IN AIR; THE LIMIT VALUES ARE MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. 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> 31OEC1993</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1992</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. SPECIFIC MIGRATION LIMIT IN FOOD OR FOOD SIMULANT: 2,4 MG/KG. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985).</p> <p><u>Title :</u> COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference :</u> OJEC**,L75,,19,1990 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1991</p>
GBR	REG	AIR	OCC	RECL	<p>8H-TWA: 45 MG/M3 (10 PPM). STEL (10 MIN-TWA): 90 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2876.</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 45 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 90 MG/M3 (20 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: 5.0 MG/M3 (AEROSOL) 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>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 4 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 : Resorcinol

RTECS Number : VG9625000

CAS Number : 108-46-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L HAZARD CLASS: IV <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : SPNPV* 4630-88...1988 <u>Effective Date</u> : 1JAN1989 <u>Entry / Update</u> : JUL1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2876. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : UNTDG*...15.1989 <u>Effective Date</u> : <u>Entry / Update</u> : JUN1986
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 10 PPM. 45 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 20 PPM. 90 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*...11,1989 <u>Last Amendment</u> : ACGIH*...11,1991 <u>Effective Date</u> : 1989 <u>Entry / Update</u> : DEC1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	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	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	5000 (2270) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Effective Date</u> : 1986 <u>Entry / Update</u> : SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	5000 (2270) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Entry / Update</u> : SEP1991

Common Name : Resorcinol Diglycidyl Ether

RTECS Number : VH1050000

CAS Number : 101-90-6

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>
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 AND IF SWALLOWED (R 23/24/25). XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). XI - IRRITANT; MAY CAUSE SENSITISATION BY SKIN CONTACT (R 43). LABEL: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER) (S 23); AVOID CONTACT WITH SKIN (S 24); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 1%: T - TOXIC; TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED (R 23/24/25); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); 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).</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	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 : Rotenone

RTECS Number : DJ2800000

CAS Number : 83-79-4

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 5 MG/M3 (APPLIES TO COMMERCIAL ROTENONE) <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	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING, RESTRICTED USE AS ACARICIDE; INSECTICIDE; FISH TOXICANT. (FORMULATION: DUST OR POWDER; WETTABLE POWDER; PRESSURIZED PRODUCT; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE ROT. 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
CAN	REG	AIR	OCC	TLV	TWA: 5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". (APPLIES TO COMMERCIAL ROTENONE) <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: 5 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 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,,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	ALL 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

Common Name : Rotenone

RTECS Number : DJ2800000

CAS Number : 83-79-4

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>
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>
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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-65% (SOLID) OR 100-25% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC**,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
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>
SWE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title</u> : NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference</u> : PFBEK*,,,1991 <u>Effective Date</u> : **APR1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-65% (SOLID) OR 100-25% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,162,1989 <u>Entry / Update</u> : MAY1986</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 MG/M3 /ROTENONE (COMMERCIAL)/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 : **Rotenone**RTECS Number : **DJ2800000**CAS Number : **83-79-4**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS	-	RQR	DESCRIPTION
		MANUF		PRMT	REGISTRATION STANDARD. ROTENONE, 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.

Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.

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

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

Common Name : **Schradan**RTECS Number : **UX5950000**CAS Number : **152-16-9**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.
					<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 INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN SCHRADAN ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THEREQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	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); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37); IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIOPMENT (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 APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->18% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 18-9% A.I. (SOLID) OR 18-3.6% A.I. (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 : **Schradan**RTECS Number : **UX5950000**CAS Number : **152-16-9**Area Type Subject Spec. Description Level / Summary Information :

IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	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. <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	ENGLISH WALNUTS: 0.75 MG/KG. <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
RUS	REG	USE MANUF	-	PRO PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> KGTXP*,,,1981 <u>Entry / Update :</u> NOV1982
RUS	REG	AIR	AMBI	MAC	0.002 MG/M3, 1X/D; 0.0004 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 : 0.02 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,30MCH,1978 <u>Entry / Update :</u> AUG1988
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN SPECIFIED FOOD PRODUCTS; ADI = 0.0001 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 ADI	PESTICIDE IS PROHIBITED IN SPECIFIED FOOD PRODUCTS; ADI = 0.0001 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JUN1983 <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Entry / Update :</u> OCT1985

Common Name : **Schradan**RTECS Number : **UX5950000**CAS Number : **152-16-9**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 100->18% A.I. III = SUBSTANCE PRESENTING MINOR DANGER WHEN 18-9% A.I. (SOLID) OR 18-3.6% A.I. (LIQUID)
					<u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDGM, 162, 1989
					<u>Effective Date :</u> <u>Entry / Update :</u> APR1986
USA	REG	SAFTY STORE	INDST INDST	RQR 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.
					<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	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>Last Amendment :</u> CFRUS, 40, 261, 33, 1990
					<u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER 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	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 : Selenium

RTECS Number : VS7700000

CAS Number : 7782-49-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.2 MG/M3 (APPLIES TO SELENIUM AND ITS COMPOUNDS, CALCULATED AS SE).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	AQ	DRINK	MAC GL	<p>MAC: 0.01 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 RECOMMEDNATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION, TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 0.05 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,,,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 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 SELENIUM, 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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2658. CLASS (6.1): POISONOUS. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 100 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 200 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO SELENIUM, POWDER)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>SELENIUM COMPOUNDS, AS SE - TWA: 0.2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,5,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</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 SELENIUM INTRODUCED AS SUCH IF MORE THAN 0.1 PERCENT OF SUCH COMPOUNDS DISSOLVES IN FIVE PERCENT HYDROCHLORIC ACID AFTER STIRRING FOR TEN MINUTES AT 20 DEGREES CENTIGRADE. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE 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.</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 (APPLIES TO SELENIUM AND ITS COMPOUNDS)</p> <p><u>Title :</u> DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference :</u> HPMZC*,32,,1970 <u>Effective Date :</u> 1JAN1971</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	SURF DRINK	MAC	<p>0.05 MG/L (APPLIES TO SELENIUM 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	DRINK	MAC	<p>0.01 MG/L (APPLIES TO SELENIUM AND ITS COMPOUNDS)</p> <p><u>Title :</u> WATER QUALITY, DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AQ	SURF	MAC	<p>0.1 MG/L (APPLIES TO SELENIUM 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	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO SELENIUM AND ITS COMPOUNDS EXPRESSED AS SELENIUM)</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: 0.5 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.05-1.5 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	AQ	GRND	CLASS	<p>SELENIUM AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>

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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). SUBSTANCES WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 1.0 MG/M3; AVERAGE VALUE; 1X/SHIFT. APPLIES TO SELENIUM COMPOUNDS AS SE.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD, XXVII, 17, 1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	USE IMPRT	PESTI	PRO PRO	<p>PLANTS PROTECTANTS CONSISTING OF OR CONTAINING SELENIUM COMPOUNDS MAY NOT BE USED. THE IMPORT OF PLANTING MATERIAL CONTAINING SELENIUM COMPOUNDS IS PROHIBITED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AQ	DRINK	MPC	<p>0.01 MG/L (CALCULATED AS SE) CORRESPONDING TO ABOUT 0.13 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +- 0.002 MG/L.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	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>
EEC	REG	AQ AQ AQ	DRINK SURF FRESH	RQR RQR RQR	<p>QUALITY STANDARD FOR SELENIUM IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 0.01 MG SE/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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T - TOXIC; TOXIC BY INHALATION AND IF SWALLOWED (R 23/25); DANGER OF CUMULATIVE EFFECTS (R 33); WHEN USING DO NOT EAT, DRINK OR SMOKE (S 20/21); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO SELENIUM AND ITS COMPOUNDS EXCEPT CADMIUM SULPHOSELENIDE. 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>

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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 SELENIUM AND SELENIUM COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>MEMBER STATES SHALL REQUIRE PRIOR AUTHORISATION FOR THE OPERATION OF PLANTS BELONGING TO CERTAIN CATEGORIES (ENERGY, METAL PROCESSING, MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS, CHEMICAL, WASTE DISPOSAL AND OTHERS). AUTHORISATION MAY BE ISSUED ONLY WHEN, AMONG OTHER THINGS, THE USE OF THE PLANT WILL NOT CAUSE SIGNIFICANT AIR POLLUTION FROM THE EMISSION OF HEAVY METALS OR THEIR COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p><u>Reference</u> : OJEC**L188,,20,1984 <u>Effective Date</u> : 30JUN1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : 10 UG SE/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	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>

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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 SELENIUM 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	ADDIT	PRMT	<p>SELENIUM MAY BE ADDED AS A TRACE ELEMENT IN THE FORM OF SODIUM SELENITE AND SODIUM SELENATE TO FEEDINGSTUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES. LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319,13,1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	FOOD	ADDIT	MXL	<p>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 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	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>
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 5.0UG/DAY. THIS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 88/378/EEC.</p> <p><u>Title</u> : THE TOY (SAFETY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1275,,7,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>10UG SE/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 : Selenium

RTECS Number : VS7700000

CAS Number : 7782-49-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>10UG SE/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	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 SELENIUM AND SELENIUM 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	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY NON-FERROUS METAL PROCESS FOR PRODUCING, MELTING OR RECOVERY OF SELENIUM OR ANY ALLOY WHATSOEVER IF THE PERCENTAGE BY WEIGHT OF THIS ELEMENT WHICH THE ALLOY IN MOLTEN FORM, CONTAINS, EXCEEDS 0.5% AND THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF PARTICULATE MATTER OR SMOKE WHICH CONTAIN THIS ELEMENT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR AQ	INDST EMI	RQR RSTR	<p>THE PRODUCTION OF SELENIUM OR OF ANY COMPOUND CONTAINING IT, WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.1 MG/M3 OF SELENIUM COMPOUNDS EXCEPT HYDROGEN SELENIDE, AS SE.</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 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 SELENIUM IN AN AMOUNT EXCEEDING 10UG/L. THE RESULTS SHOULD BE EXPRESSED IN SE 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 : Selenium

RTECS Number : VS7700000

CAS Number : 7782-49-2

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	AQ	SURF	CLASS	IN CLASSIFYING WATERS FOR SUITABILITY FOR ABSTRACTION FOR SUPPLY (AFTER TREATMENT) AS DRINKING WATER, AN INLAND SURFACE WATER IS ASSIGNED THE CLASSIFICATION DW1 WHERE THE CONCENTRATION DOES NOT EXCEED 0.01 MG/L SE, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 0.01 MG/L SE, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 0.01 MG/L SE, 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.
		AQ	DRINK	RQR	
<u>Title :</u> THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989.					
<u>Reference :</u> GBRSI*,1148,,1989					
<u>Effective Date :</u> 01SEP1989					
<u>Last Amendment :</u>					
<u>Entry / Update :</u> 1992					
IMO	REC	TRNSP	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO SELENIUM, POWDER, NON-PYROPHORIC). UN NO. 2658
		LABEL			
		PACK			
<u>Title :</u>					
<u>Reference :</u>					
<u>Effective Date :</u>					
<u>Last Amendment :</u> IMCOC*,10004,1990					
<u>Entry / Update :</u> JAN1991					
IND	REG	WASTE	-	CLASS	WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO WATER SOLUBLE SELENIUM COMPOUNDS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 10 KG/YEAR (CALCULATED AS SE) 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.
		WASTE	REMOV	RQR	
<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					
JPN	REC	AIR	OCC	MAC	TWA: 0.1 MG/M3 (INCLUDING INORGANIC COMPOUNDS EXCEPT HYDROGEN SELENIDE, CALCULATED AS SELENIUM).
<u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.					
<u>Reference :</u> SAIGBL,33,4,277-287,1991					
<u>Effective Date :</u>					
<u>Last Amendment :</u>					
<u>Entry / Update :</u> DEC1991					
MEX	REG	AQ	AMBI	MPC	1) 0.01 MG/L IN RECEIVING WATERS USED FOR DRINKING WATER SUPPLY WITH CONVENTIONAL TREATMENT AS WELL AS WITH DISINFECTION ONLY, AND RECREATION 2) 0.05 MG/L IN RECEIVING WATERS SUITABLE FOR RECREATIONAL USE, CONSERVATION OF FLORA AND FAUNA AND FOR INDUSTRIAL PURPOSES 3) 0.05 MG/L IN RECEIVING WATERS SUITABLE FOR AGRICULTURAL OR INDUSTRIAL PURPOSES
<u>Title :</u> DIARIO OFICIAL					
<u>Reference :</u> DOMEX*,29 MCH,,1167,1973					
<u>Effective Date :</u> 27JUN1973					
<u>Last Amendment :</u>					
<u>Entry / Update :</u> OCT1982					
MEX	REG	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					
JS	REG	AQ	SURF	MAC	0.01 MG/L (APPLIES TO SELENIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS SELENIUM). HAZARD CLASS: II
			CLASS		
<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 : Selenium

RTECS Number : VS7700000

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Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AQ	DRINK	MAC	0.001 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 : 2.0 MG/M3 (AEROSOL) HAZARD CLASS: III				
					<u>Title :</u>				
					<u>Reference :</u>			<u>Effective Date :</u>	01JAN1989
					<u>Last Amendment :</u>	GOSTS*,12.1.005,,,1988		<u>Entry / Update :</u>	MAY1990
RUS	REG	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 1.0 MG/KG; MEAT PRODUCTS: 1.0 MG/KG; MILKPRODUCTS: 0.5 MG/KG; CEREALS: 0.5 MG/KG; VEGETABLES, FRUITS: 0.5 MG/KG; BEVERAGES: 0.5 MG/KG (APPLIES TO SELENIUM AND ITS COMPOUNDS, CALCULATED AS SELENIUM)				
					<u>Title :</u>				
					<u>Reference :</u>			<u>Effective Date :</u>	OCT1981
					<u>Last Amendment :</u>	VGNEP*,2450-81,,,1982		<u>Entry / Update :</u>	OCT1985
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.1 MG/M3 (APPLIES TO SELENIUM AND ITS INORGANIC COMPOUNDS EXCEPT HYDROGEN SELENIDE, CALCULATED AS SE).				
					<u>Title :</u> HYGIENIC LIMIT VALUES.				
					<u>Reference :</u>	AFS***,1990.13,,5-64,1990		<u>Effective Date :</u>	01JUL1991
					<u>Last Amendment :</u>			<u>Entry / Update :</u>	1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO SELENIUM, POWDER). UN NO. 2658				
					<u>Title :</u>				
					<u>Reference :</u>			<u>Effective Date :</u>	
					<u>Last Amendment :</u>	UNTDG*,,,15,1989		<u>Entry / Update :</u>	AUG1990
UN	REG	WASTE EXPRT IMPRT	-	RSTR RQR RQR	WASTES HAVING AS CONSTITUENTS SELENIUM AND SELENIUM 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>Effective Date :</u>	
					<u>Last Amendment :</u>	ISBC1*,,,1989		<u>Entry / Update :</u>	MAY1992
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.2 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.				
					<u>Title :</u> THRESHOLD LIMIT VALUES				
					<u>Reference :</u>	ACGIH*,,,11,1989		<u>Effective Date :</u>	1989
					<u>Last Amendment :</u>	ACGIH*,,,11,1991		<u>Entry / Update :</u>	DEC1991
USA	REG	AQ	CONSM	MPC	0.01 MG/LBOTTLED WATER SHALL, WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN 21 CFR 103.35(D) (1) (II), MEET STANDARDS OF CHEMICAL QUALITY AND SHALL NOT CONTAIN CHEMICAL SUBSTANCES IN EXCESS OF THE FOLLOWING CONCENTRATIONS.				
					<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 : Selenium

RTECS Number : VS7700000

CAS Number : 7782-49-2

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	WASTE	-	MPC	1.0 MG/L. THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEACH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS. <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 MPC	0.05 MG/L FOR COMMUNITY WATER SYSTEMS AND NON-TRANSIENT, NON-COMMUNITY WATER SYSTEMS. 40 CFR 141.62. COMPLIANCE IS CALCULATED PURSUANT TO 40 CFR 141.23. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975 <u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	GRND	MONIT	CONCENTRATION LIMITS IN GROUND WATER FOR HAZARDOUS CONSTITUENTS, ESTABLISHED UNDER SEC 264.93, MUST NOT EXCEED THE BACKGROUND LEVEL SET AT THE INITIAL TESTING. IF THE BACKGROUND LEVEL AT THE INITIAL TESTING TIME IS BELOW 0.01 MG/L THIS SUBSTANCE MUST NOT EXCEED 0.01 MG/L IN FUTURE TESTING 40 CFR 264.94 (1990) THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. 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
		AQ	GRND	MXL	
WHO	REC	AQ		DRINK GL	0.01 MG/L. THE SUBSTANCE 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 : Selenium Disulfide

RTECS Number :

CAS Number : 7488-56-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2657. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 56. 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>
IMD	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. 2657</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2657</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /SELENIUM COMPOUNDS, AS SE/; 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 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 : Selenium Disulfide

RTECS Number :

CAS Number : 7488-56-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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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</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990</p> <p><u>Effective Date</u> : 1980</p> <p><u>Entry / Update</u> : JAN1992</p>
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Common Name : Selenium Hexafluoride

RTECS Number :

CAS Number : 7783-79-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.2 MG/M3 (0.05 PPM) (CALCULATED AS SE).</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>AS SE, TWA: 0.05 PPM, 0.2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2194. CLASS (2.3): POISON GAS. 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.</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	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	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 : Selenium Hexafluoride

RTECS Number :

CAS Number : 7783-79-1

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 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). UN NO. 2194</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 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 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.4 MG/M3 (0.05 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. UN NO. 2194</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	SAFTY USE	OCC OCC	MXL MXL	<p>5 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,194,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,194,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Selenium Hexafluoride**RTECS Number :****CAS Number :** 7783-79-1

Area Type Subject Spec. Description Level / Summary Information :

<u>Area</u>	<u>Type</u>	<u>Subject</u>	<u>Spec.</u>	<u>Description</u>	<u>Level / Summary Information :</u>
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.05 PPM, 0.16 MG/M3, AS SETHIS 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 : Selenium (IV) Oxide

RTECS Number :

CAS Number : 7446-08-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
USK	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 WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
US	REG	AIR	AMBI	MAC	0.0001 MG/M3 1X/D, 0.00005 MG/M3 AV/D (CALCULATED AS SELENIUM) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> PDKAV*,3086-84,,1984 <u>Entry / Update :</u> SEP1985
US	REG	AIR	OCC	MAC CLASS	CLV : 0.1 MG/M3 (AEROSOL) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /SELENIUM COMPOUNDS, AS SE/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> ACCGIH*,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACCGIH*,11,1991 <u>Entry / Update :</u> DEC1991

Common Name : Selenium Oxychloride

RTECS Number :

CAS Number : 7791-23-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2879. CLASS (8): CORROSIVE; CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 99. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE 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 ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. SUBSIDIARY RISK: LABEL: POISON. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2879</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*...10004,1990 <u>Entry / Update :</u> JAN1991</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2879</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*...15,1989 <u>Entry / Update :</u> AUG1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /SELENIUM COMPOUNDS. AS SE/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, T HE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference :</u> FEREAC,52,,13395,1987 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Entry / Update :</u> OCT1991</p>

Common Name : Siduron

RTECS Number : YT7350000

CAS Number : 1982-49-6

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 USE AS HERBICIDE. (FORMULATION: WETTABLE POWDER). CODE STD. 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>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME SIDURON THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA CALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES.</p> <p><u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C.</p> <p><u>Reference :</u> FEREAC,54,140,30846,1989 <u>Effective Date :</u> 1988</p> <p><u>Last Amendment :</u> FEREAC,54,140,30846,1989 <u>Entry / Update :</u> JAN1992</p>

Common Name : Silica

RTECS Number : VV7330000

CAS Number : 14808-60-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1 MG/M3 OF RESPIRABLE DUST.</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: 0.1 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1991</p>
DEU	REC	AIR	OCC	MAK	<p>A) 1Y-TWA: 0.15 MG/M3, CALCULATED AS FINE DUST. APPLIES TO QUARTZ INCLUDING CRISTOBALITE AND TRIDYMIT. B) 1Y-TWA: 4 MG/M3, CALCULATED AS FINE DUST. APPLIES TO QUARTZ-CONTAINING FINE DUST AND TO GRAPHITE-CONTAINING DUSTS WITH > 1% QUARTZ. FINE DUST IS DEFINED AS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE 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	USE	PESTI	RSTR	<p>THE APPLICATION IN STOCKS OF GRAIN AND IN ROOMS USED FOR STORAGE OF GRAIN IS PROHIBITED. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. (APPLIES TO QUARTZ POWDER)</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
EEC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC: -, GL - (MEMBER STATES SHALL ENSURE THAT ANY SUBSTANCE USED IN PREPARATIONS OF WATER FOR HUMAN CONSUMPTION DO NOT CONSTITUTE A PUBLIC HEALTH HAZARD) (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>
GBR	REG	AIR	OCC	MEL	<p>8H-TWA: 0.4 MG/M3 (RESPIRABLE DUST) (APPLIES TO SILICA, CRYSTALLINE)</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	MEL	<p>FOR CRYSTALLINE QUARTZ: 8H-TWA: 0.4 MG/M3 RESPIRABLE DUST.</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 1.0 MG/M3 (WITH A SILICA CONTENT ABOVE 70%) (AEROSOL) ; 2.0 MG/M3 (WITH A SILICA CONTENT OF 10-70%) (AEROSOL) ; 4.0 MG/M3 (WITH A SILICA CONTENT BELOW 10%) (AEROSOL) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>

Common Name : Silica

RTECS Number : VV7330000

CAS Number : 14808-60-7

Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	AIR	OCC	HLV	ID-TWA: 0.1 MG/M3 OF RESPIRABLE DUST <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) 0.05 MG/M3 RESPIRABLE DUSTTHIS 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 : Silicon Fluoride

RTECS Number : VW2327000

CAS Number : 7783-61-1

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.): UN1859. CLASS (2.3); POISON GAS; CLASS (8); CORROSIVE. SPECIAL PROVISIONS: 46, 48, 56, 90, 99, 102. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 25 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISK LABEL: CORROSIVE. UN NO. 1859</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	AIR	EMI	MXL	<p>STANDARD VALUE: 1.0-20MG/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>
RUS	REG	AIR	AMBI	MAC	<p>0.02MG/M3 1X/D; 0.005MG/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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5MG/M3; TWA: 0.1MG/M3 (VAPOUR, CALCULATED AS F); 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*,5149-89,,1989 <u>Entry / Update :</u> MAY1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). SUBSIDIARY RISKS: 6.1 = POISONOUS SUBSTANCE AND 8 = CORROSIVE. UN NO. 1859</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 : Silicon Fluoride

RTECS Number : VW2327000

CAS Number : 7783-61-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR	OCC	TLV	<p>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.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry/Update</u> : DEC1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON BELOW DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.302. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM FOODSTUFFS. 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.</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 : Silicon Tetrachloride

RTECS Number : VW0525000

CAS Number : 10026-04-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1818. 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 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>
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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: REACTS VIOLENTLY WITH WATER (R 14), XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: XI - IRRITANT; REACTS VIOLENTLY WITH WATER (R14); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8); IN CASE OF CONTACT WITH EYES. RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26).</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE 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 : Silicon Tetrachloride

RTECS Number : VW0525000

CAS Number : 10026-04-7

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.
					<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: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1818
					<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	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1818
					<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	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 AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE KEPT DRY. GLASS CARBOYS NOT PERMITTED ON PASSENGER VESSELS.; 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><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 : Simazine

RTECS Number : XY5250000

CAS Number : 122-34-9

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	FOOD FEED	-	MRL MRL	FEEDSTUFF: 15 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
ARG	REG	FEED	-	MXL	15 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	-	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.2-10 MG/KG; SECURITY INTERVAL: 45 DAYS. VARIABLE; PROVISIONAL TOXICITY CLASS: IV (1 = 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): 0.01 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.			
						<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, RESTRICTED USE AS HERBICIDE; SWIMMING POOL ALGAECIDE. (FORMULATION: WETTABLE POWDER; TABLET; SUSPENSION; SOLUTION; SOLUBLE GRANULES; IMPREGNATED FABRIC EMULSIFIABLE CONCENTRATE OR EMULSION). APPLIES TO SIMAZINE PLUS RELATED ACTIVE TRIAZINES. CODE SMZ. 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	FEED	-	MXL	MXL: 0.1 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 0.1-0.5 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	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 : **Simazine**RTECS Number : **XY5250000**CAS Number : **122-34-9**

Area	Type	Subject	Spec.	Description	Level / Summary Information
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	USE	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>FISH, CRUSTACEAN, MOLLUSCA, AND THEIR 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>
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.1 - 1.0 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,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	AQ WASTE	EMI INDST	RSTR RQR	<p>CONTROLS ARE IMPOSED OVER THE DISCHARGE INTO THE PUBLIC SEWERS OF TRADE EFFLUENTS WHICH CONTAIN SIMAZINE 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 SIMAZINE 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 MANUF	EMI INDST	PRO RSTR	<p>SIMAZINE 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	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>
GEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.02-10.0 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>

Common Name : Simazine

RTECS Number : XY5250000

CAS Number : 122-34-9

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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-1.0 MG/KG; ADI = 0.1 MG/KG BW. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE 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 HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	OCC	MAC CLASS	CLV : 2.0 MG/M3 (AEROSOL) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.05-1.0 MG/KG; ADI = 0.1 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 2,4 UG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	AQ	SURF	MAC CLASS	0.0 MG/L (THE SUBSTANCE IS NOT ALLOWED TO ENTER SURFACE WATERS; APPLIES ALSO TO ITS HYDROXY DERIVATIVES) 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	0.02 MG/M3, 1X/D; 0.02 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	SOIL	-	MAC	0.2 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKPP*,2401-81,,,1981 <u>Effective Date :</u> JUN1981 <u>Entry / Update :</u> OCT1985

Common Name : Simazine

RTECS Number : XY5250000

CAS Number : 122-34-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
SWE	REG	USE	PESTI	PRO	<p>APPROVAL DENIED BECAUSE OF DIABETES MELLITUS DEVELOPMENT IN EXPERIMENTAL ANIMALS.</p> <p><u>Title</u> : DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALJEINSPEKTIONEN</p> <p><u>Reference</u> : KEMIB*,,,1989 <u>Effective Date</u> : ** 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
USA	REG	CLASS MANUF		RQR PRMT	<p>REGISTRATION STANDARD, SIMAZINE, 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	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 AQ	DRINK PESTI	GL GL	<p>2 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 : Sodium Alkylbenzenesulfonate

RTECS Number : DB4550000

CAS Number : 68411-30-3

Area Type Subject Spec. Description Level / Summary Information :

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

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

GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	Description
					CATEGORY C SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO ALKYL BENZENE SULPHONIC ACID SODIUM SALT SOLUTION).

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

Common Name : Sodium Arsenite

RETECS Number : CG3675000

CAS Number : 7784-46-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
MAN	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>
EU	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>
EC	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. (THIS APPLIES TO ARSENIC TRIOXIDE, ARSENIOS(III)ACID AND SALTS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> _____ : OJEC**,L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**,L336,,14,1988 <u>Entry / Update</u> : SEP1987</p>
BR	REC	USE	AGRIC PESTI	PRO	<p>USES OF SODIUM ARSENITE IN AGRICULTURE AND HORTICULTURE AS A POTATO HAULM DESTROYER AND ASA HERBICIDE ARE WITHDRAWN. REASONS FOR THE CONTROL ACTION: DUE TO ACUTE TOXIC HAZARD TO LIVESTOCK AND WILDLIFE.</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> : 1961</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>
BR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE ARSENIC TRIOXIDE, ARSENIOS(III) ACID AND SALTS (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 100 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> _____ : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : SEP1992</p>
IO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE, PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100 -> 20 PERCENT; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 20 - 5 PERCENT (SOLID) OR 20 - 2 PERCENT (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 : Sodium Arsenite

RTECS Number : CG3675000

CAS Number : 7784-46-5

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 SODIUM ARSENITE, AQUEOUS SOLUTIONS). UN NO. 1686. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SOLID SODIUM ARSENITE). NO. 2027 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IND	REG	MANUF - SAFTY STORE IMPRT		RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 100KG. (APPLIES TO ARSENIC TRIOXIDE, ARSENIUS(III)ACID AND SALTS THEREOF). <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
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
UN	REC	TRNSP LABEL PACK		CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100 -> 20 PERCENT; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 20 - 5 PERCENT (SOLID) OR 20 - 2 PERCENT (LIQUID)UN NOS.2759; 2760; 2993; 2994. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162, <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : Sodium Arsenite

RTECS Number : CG3675000

CAS Number : 7784-46-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO SODIUM ARSENITE, AQUEOUS SOLUTIONS). UN NO. 1686 <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 = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SOLID SODIUM ARSENITE). NO. 2027 <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 AVERAGE (TWA) 0.2 MG/M3 /ARSENIC AND SOLUBLE COMPOUNDS, AS AS/; SUMMARY - THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1 (0.454) LBS (KG); SUMMARY - FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	TPQ=500/10,000 RQ=1; SUMMARY - THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. <u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES <u>Reference :</u> FEREAC,52,,13395,1987 <u>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> OCT1991
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. ALL SHIPMENTS MUST BE LABELED POISON.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <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	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 <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 : Sodium Arsenite

RTECS Number : CG3675000

CAS Number : 7784-46-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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USA	REG	CLASS	PESTI	RQR	CASE NAME ARSENATES AND ARSENITES; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.
		MANUF	PESTI	PRMT	
		FOOD	ADDIT	RQR	
		AQ	GRND	RQR	
		SAFTY	OCC	RQR	

Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED: LIST B

Reference : FEREAC,54,100,22706,1989

Effective Date : 1988

Last Amendment : FEREAC,54,100,22706,1989

Entry / Update : JAN1992

Common Name : Sodium Chromate

RTECS Number : GB2955000

CAS Number : 7775-11-3

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.): NA9145. CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIALPROVISIONS: 49. PACKING GROUP III, (I=GREATDANGER, III=MINOR DANGER). PRESCRIBED BY THETRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY 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>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS: DATE OF LAST OCCURRENCE: 1990. CODE SCR. 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>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED. APPLIES TO CHROMIUM(VI) COMPOUNDS AS DUSTS/AEROSOLS, WITH THE EXCEPTION OF THOSE PRACTICALLY INSOLUBLE IN WATER SUCH AS LEAD CHROMATE, BARIUM CHROMATE AND ZINC CHROMATE.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE 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>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>30 MG/M3 /FOR NON-CARCINOGENIC CHROMIC ACID AND CHROMATES (AS CRO3/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,82,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,82,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: 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 : Sodium Chromate

RTECS Number : GB2955000

CAS Number : 7775-11-3

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)]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	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 : Sodium Dichromate

RTECS Number : HX7700000

CAS Number : 10588-01-9

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1990. CODE SDC. 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 OXIDIZING SUBSTANCES, N.O.S. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
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 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	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 : Sodium Dichromate

RTECS Number : HX7700000

CAS Number : 10588-01-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); DO NOT BREATHE DUST (S 22); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). FROM 0.5% TO 20%: 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	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>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>30 MG/M3 /FOR NON-CARCINOGENIC CHROMIC ACID AND CHROMATES (AS CRO3)/</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW, 90, 117, 70, 1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW, 90, 117, 70, 1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /CHROMIUM (VI) COMPOUNDS, AS CR, WATER SOLUBLE/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</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, CHROMATED ARSENICALS, 1986. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT; PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC, 54, 34, 7740, 1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC, 54, 34, 7740, 1989 <u>Entry / Update</u> : JAN1992</p>
USA	REG	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>

Common Name : Sodium Dichromate

RTECS Number : HX770000

CAS Number : 10588-01-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54): SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG): SUMMARY - FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES: CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	MANUF - SALE USE		RQR RQR RQR	<p>: SUMMARY - THE ADMINISTRATOR OF THE U.S. EPA FINDS THAT THERE IS A REASONABLE BASIS TO CONCLUDE THAT THE MANUFACTURE, PROCESSING, DISTRIBUTION IN COMMERCE, USE OR DISPOSAL OF THE CHEMICAL SUBSTANCE OR MIXTURE, OR THAT ANY COMBINATION OF SUCH ACTIVITIES, PRESENTS OR WILL PRESENT AN UNREASONABLE RISK OF INJURY TO HEALTH OR THE ENVIRONMENT.</p> <p><u>Title</u> : COMMERCIAL CHEMICAL CONTROL RULES</p> <p><u>Reference</u> : XCODE*,15,,2605,1991 <u>Effective Date</u> : 1JAN1977</p> <p><u>Last Amendment</u> : XCODE*,15,,2605,1991 <u>Entry / Update</u> : OCT1991</p>

Common Name : Sodium Fluoride

RTECS Number : WB0350000

CAS Number : 7681-49-4

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL DOMESTIC, RESTRICTED USE AS WOOD PRESERVATIVE; INSECTICIDE; VERMICIDE. (FORMULATION: IMPREGNATED FABRIC; PASTE; DUSTOR POWDER; PARTICULATE). CODE SFL. 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 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	SOLUTION. PIN (PRODUCT IDENTIFICATION NO.): UN1690. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED 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	SOLID. PIN (PRODUCT IDENTIFICATION NO.): UN1690. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 34, 109. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 100 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 200 KG. PRESCRIBED BY THE TRANSPORTATION OF 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	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL FLUORIDES EXCEPT ALUMINIUM FLUORIDE AND FLUORIDIC MINERALS). <u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> _____ : SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990 <u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991

Common Name : Sodium Fluoride

RTECS Number : WB0350000

CAS Number : 7681-49-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IEU	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>
IEU	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>
IEU	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>
IEC	REG	CLASS LABEL PACK	-	CLASS 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 LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2); 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).</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>
IBR	REC	USE STORE	AGRIC PESTI	PRO PRO	<p>USE OF INORGANIC FLUORIDES AS FOOD STORAGE INSECTICIDES WAS WITHDRAWN (PROFESSIONAL AND AMATEUR USES). REASONS FOR THE CONTROL ACTION: BECAUSE OF HIGH ACUTE TOXIC HAZARDS TO HUMANS AND BECAUSE THERE WERE LESS TOXIC ALTERNATIVES AVAILABLE</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</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1985</p>
IBR	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 SILICOFUORIDE)</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>
IO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1690.</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 : Sodium Fluoride

RTECS Number : WB0350000

CAS Number : 7681-49-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3; TWA: 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	AIR	AMBI	MAC	0.03 MG/M3 1X/D; 0.01 MG/M3 AV/D (APPLIES TO ALL FLUORIDES WHICH ARE EASILY SOLUBLE IN WATER, CALCULATED AS FLUORINE). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1690. <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) 2.5 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>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	SAFTY USE	OCC OCC	MXL MXL	500 MG/M3. <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	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME SODIUM FLUORIDETHIS 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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	SOLID: 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. SOLUTION: MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 5 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM ACIDS. ALL SHIPMENTS MUST BE LABELED 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	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991

Common Name : Sodium Fluoride

RTECS Number : WB0350000

CAS Number : 7681-49-4

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	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	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>FOR USE ONLY AS BONDING AGENT FOR ALUMINUM FOIL, STABILIZER, OR PRESERVATIVE. TOTAL FLUORIDE FOR 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>

Common Name : Sodium Fluoroacetate

RTECS Number : AH9100000

CAS Number : 62-74-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.05MG/M3. 15MIN-STEL: 0.15MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <u>Effective Date</u> : 29MAY199</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.): UN2629. CLASS (6.1): POISONOUS. 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: 5 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY INTHE 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 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> : 06DEC199</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.05 MG/M3; STEL: 0.15 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH198</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 ASANIMAL TOXICANT. (FORMULATION: TABLET; SOLUBLE POWDER). CODE SUF. 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.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,18,3601,1988 <u>Effective Date</u> : 11AUG198</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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.05 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.10 MG/M3; AVERAGE VALUE; 4X/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 UN1 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 : Sodium Fluoroacetate

TECS Number : AH9100000

CAS Number : 62-74-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EU	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>
EU	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>
EU	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,,J,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). LABEL: T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28); KEEP LOCKED UP AND OUT OF REACH OF CHILDREN (S 1/2); WHEN USING DO NOT EAT OR DRINK (S 20); DO NOT BREATHE DUST (S 22); 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). APPLIES TO FLUOROACETIC ACID AND ITS SOLUBLE 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>
EC	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. (THIS APPLIES TO 4-FLUOROACETIC ACID AND TO THE SALTS, ESTERS AND AMIDES THEREOF).</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>
GB	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 FLUOROACETIC ACID 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 : Sodium Fluoroacetate

RTECS Number : AH9100000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	PACK STORE TRNSP		RQR RQR RQR	REQUIREMENTS CONCERNING CONTAINERS. STORAGE AND TRANSPORT OF POISONS ARE LAID DOWN. (APPLIES TO FLUOROACETIC ACID 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
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 FLUOROACETIC ACID AND ITS SALTS) <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	AIR	OCC	OES	8H-TWA: 0.05 MG/M3. STEL (10 MIN-TWA): 0.15 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.2629. <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 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 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 RESPONSIBILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 1KG. (APPLIES TO FLUOROACETIC ACID, ITS SALTS, ESTERS AND AMIDES). <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		USE	AGRIC	PRO	PROHIBITED AGRICULTURAL PESTICIDE. REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT. <u>Title :</u> MANUAL DE PLAGUICIDAS AUTORIZADOS PARA 1982 (MANUAL OF AUTHORIZED PESTICIDES FOR 1982) <u>Reference :</u> <u>Last Amendment :</u> MEXMP*,,, <u>Effective Date :</u> 1982 <u>Entry / Update :</u> 1987
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.05 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 0.15 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991

Common Name : Sodium Fluoroacetate

TECS Number : AH9100000

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Area	Type	Subject	Spec.	Description	Level / Summary Information
HAZ	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.2629. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTOG*,15,1989 <u>Entry / Update</u> : SEP1982
HAZ	REC	SAFTY USE	OCC OCC	MXL MXL	5 MG/M3 <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,196,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,196,1990 <u>Entry / Update</u> : OCT1991
HAZ	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.05 MG/M3, SKIN SHORT TERM EXPOSURE LIMIT (STEL) 0.15 MG/M3. SKINTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title</u> : THRESHOLD LIMIT VALUES <u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991
HAZ	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> : FERECAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
HAZ	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>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991
HAZ	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> : FERECAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
HAZ	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	ALL SOLUTIONS AND DRY BAITS WITH SODIUM FLUOROACETATE 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> : FERECAC,43,,5790,1978 <u>Effective Date</u> : 1978 <u>Last Amendment</u> : CFRUS*,40,152,175,1990 <u>Entry / Update</u> : JAN1992

Common Name : Sodium Fluoroacetate

RTECS Number : AH9100000

CAS Number : 62-74-8

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL SOLUTIONS AND DRY BAITs WITH SODIUM FLUOROACETATE 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> : FERECAC,43,5790,1978 <u>Entry / Update</u> : JAN1992</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>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.</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>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME FLUOROACETIC ACID DERIVATIVES: SUMMARY - THIS SUBSTANCE IS INCLUDED ON 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> : FERECAC,54,140,30846,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FERECAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Sodium Hydroxide

TECS Number : WB4900000

CAS Number : 1310-73-2

Reg	Type	Subject	Spec.	Description	Level / Summary Information :
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10	REG	AIR	OCC	MPC	<p>8H-TWA : 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',24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB',27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
11	REG	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING HYDROXIDES OF ALKALI METALS 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> MAY1991</p>
12	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>
13	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SOLUTION. PIN (PRODUCT IDENTIFICATION NO.): UN1824. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 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>
14	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SOLID OR FLAKE. PIN (PRODUCT IDENTIFICATION NO.): UN1823. CLASS (8): 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: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</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>

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RTECS Number : WB490000

CAS Number : 1310-73-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>TWA: CEILING LIMIT - 2 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH198</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 HARD-SURFACE DISINFECTANT. (FORMULATION: SOLUTION). CODE SHO. 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> 11AUG198</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</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 INORGANIC HYDROXIDES)</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	FOOD	-	MPC	<p>LIMIT OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 2.0G/KG.</p> <p><u>Title :</u> DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,43,,1978 <u>Effective Date :</u> 1JUL1986</p> <p><u>Last Amendment :</u> HPMZC*,61,,1986 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 10-30 MG/G.</p> <p><u>Title :</u> DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,42,,1978 <u>Effective Date :</u> 1JUL1978</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	GOODS	-	PRO MXL	<p>PROHIBITED IN SOME COSMETIC PRODUCTS; MAXIMUM LIMIT FOR SOAPS: 0.8 MG/G</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 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>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
EU	REC	AIR	OCC	MAK	<p>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.</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>
EU	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>
EU	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,,I,2612,1990 <u>Effective Date :</u> 01JAN1991</p> <p><u>Last Amendment :</u> BGZBAD,,I,227,1991 <u>Entry / Update :</u> DEC1991</p>
EC	REG	FEED	ADDIT	PRMT	<p>SODIUM HYDROXIDE (E524) 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>
EC	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>
AW	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: ACIDITY REGULATOR; ADI: THE ESTABLISHMENT OF AN ADI IS NOT DEEMED NECESSARY; MXL: MARGARINE, TABLE OLIVES, CANNED BABY FOODS, INFANT FORMULA, MINARINE, QUICK FROZEN FRENCH FRIED POTATOES, QUICK FROZEN CARROTS: LIMITED BY GOOD MANUFACTURING PRACTICE; COCOA POWDERS AND DRY COCOA-SUGAR MIXTURES, COCOA NIB AND COCOA DUST, COCOA MASS AND COCOA PRESS CAKE: 50 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH HYDROXIDES, CARBONATES AND HYDROGEN CARBONATES, EXPRESSED AS ANHYDROUS K2CO3 ON FAT-FREE COCOA FRACTION); BUTTER AND WHEY BUTTER: 2 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH OTHER NEUTRALIZING AGENTS, EXPRESSED AS ANHYDROUS SUBSTANCE, FOR PH ADJUSTMENT ONLY)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1983</p> <p><u>Last Amendment :</u> FAOCA*,XIV,,72,1983 <u>Entry / Update :</u> MAY1991</p>
BR	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 SODIUM HYDROXIDE SOLUTION).</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>

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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 ALKALIS.</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	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	PACK STORE TRNSP		RQR RQR RQR	<p>GENERAL REQUIREMENTS CONCERNING CONTAINERS, STORAGE AND TRANSPORT OF POISONS ARE LAID DOWN. (GBRSI* 218.1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1986</p> <p><u>Last Amendment :</u> GBRSI*,1077,,1,1985 <u>Entry / Update :</u> FEB1986</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE : 2R (APPLIES TO 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO SOLID SODIUM HYDROXIDE AND TO SODIUM HYDROXIDE SOLUTIONS.) UN NO.1823 & 1824.</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	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTES CONTAINING THE SUBSTANCE ARE CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO ALL ALKALINE WASTES). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 200 KG/YEAR (CALCULATED AS ALKALIES) 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>CLV: 2 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>
JPN	REG	GOODS PACK	CONSM	MXL RQR	<p>THERE SHOULD BE LESS THAN 5% (AS THE AMOUNT OF ALKALI) IN LIQUID-TYPE CLEANSER FOR HOUSEHOLD USE (EXCEPT DELETERIOUS PREPARATIONS CONTAINING SODIUM HYDROXIDE AND/OR POTASSIUM HYDROXIDE). THE CONTAINER SHOULD HAVE THE SPECIFIED SOLIDITY.</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> 01APR1980</p> <p><u>Last Amendment :</u> CHPHS*,,,,1980 <u>Entry / Update :</u> NOV1991</p>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS PH ADJUSTING AGENT, ACID-REACTING MATERIAL AND WATER-CORRECTING AGENT. 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,,374,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS STARCH MODIFYING AGENT. 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,,404,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 0.5 MG/M3;(AEROSOL) (APPLIES TO ALL ALKALIC HYDROXIDES); HAZ. CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
RUS	REG	AIR	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>
SWE	REG	AIR	OCC	HLV	<p>CLV: 2 MG/M3 (15 MIN -TWA).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. (APPLIES TO SOLID SODIUM HYDROXIDE AND TO SODIUM HYDROXIDE SOLUTIONS.) UN NO.1823 & 1824.</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>250 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,198,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,198,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>CEILING LIMIT 2 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</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 : Sodium Hydroxide

RTECS Number : WB4900000

CAS Number : 1310-73-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME MINERAL BASES, STRONGTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS.</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 PACK LABEL	-	PRMT CNTRL RQR	<p>DRY, SOLID, FLAKE, BEAD, OR GRANULAR; MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE KEPT DRY. ALL SHIPMENTS MUST BE LABELED CORROSIVE. 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 5 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	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS 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 : Sodium MCPA

RTECS Number : AG2625000

CAS Number : 3653-48-3

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.
					<u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)
					<u>Reference</u> : BGZBAD.,I,1931,1991 <u>Effective Date</u> : 15JUN1991
					<u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS 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
RUS	REG	AQ	SURF	MAC CLASS	0.25 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	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
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 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.
					<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 : Sodium MCPA

RTECS Number : AG2625000

CAS Number : 3653-48-3

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, MCPA, 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 : Sodium Nitrate

RTECS Number : WC560000

CAS Number : 7631-99-4

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.): UN1498. CLASS (5.1): OXIDIZER. SPECIAL PROVISIONS: 110. 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 ONUNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION,PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 15-1000 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>
EEC	REG	FOOD	ADDIT	PRMT	<p>SODIUM NITRATE (E251) MAY, EITHER ALONE OR IN MIXTURE WITH SODIUM CHLORIDE, 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>
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: PRESERVATIVE; ADI: 0.5 MG/KG BW; MXL: COOKED CURED HAM, COOKED CURED PORK SHOULDER: 500 MG/KG (DETERMINED SINGLY OR IN COMBINATION WITH POTASSIUM NITRATE, EXPRESSED AS SODIUM NITRATE); DANBO CHEESE, EDAM CHEESE, GOUDA CHEESE, HAVARTI CHEESE, SAMSOE CHEESE, TILSITER CHEESE, SAINT-PAULIN CHEESE, SVECIA CHEESE, HERRGARDSOST CHEESE, HUSHALLSOST CHEESE, NORVEGIA CHEESE, MARIBO CHEESE, FYNBO CHEESE, ESROM CHEESE, AMSTERDAM CHEESE, LEIDSE CHEESE,FRIESE CHEESE: 50 MG/KG (DETERMINED SINGLY OR IN COMBINATION WITH POTASSIUM NITRATE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1983</p> <p><u>Last Amendment :</u> FAOCA*.XIV,,362,1983 <u>Entry / Update :</u> MAY1991</p>
GBR	REG	FOOD LABEL	ADDIT ADDIT	PRMT RQR	<p>PERMITTED FOOD PRESERVATIVE (E251) (EXCEPT IN FOOD FOR BABIES AND YOUNG CHILDREN) WHEN SATISFYING THE PURITY CRITERIA CONTAINED IN THE EC DIRECTIVE 65/66/EEC (SUBSEQUENTLY AMENDED BY 67/428/EEC AND 76/463/EEC). WHEN SOLD FOR USE AS A FOOD PRESERVATIVE THE CONTAINER MUST BE LABELLED IN ACCORDANCE WITH SCHEDULE 3 OF THE REGULATIONS. PRESCRIBED LIMIT WHEN USED INDIVIDUALLY OR IN AN ADMIXTURE WITH OTHER PERMITTED FOOD PRESERVATIVES IN THE RANGE 50-500MG/KG (EXPRESSED AS SODIUM NITRITE). 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>

Common Name : Sodium Nitrate

RTECS Number : WC5600000

CAS Number : 7631-99-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1498. <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 SODIUM NITRATE AND POTASSIUM NITRATE MIXTURES). UN NO. 1499. <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 CLASS I PRESERVATIVE. 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.,386,1978 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1498. <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: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SODIUM NITRATE AND POTASSIUM NITRATE MIXTURES). UN NO. 1499. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REG	TRNSP LABEL PACK	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 100 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED OXIDIZER. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <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	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 : Sodium Nitrate

RTECS Number : WC5600000

CAS Number : 7631-99-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME INORGANIC NITRATE/NITRITETHIS 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.
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Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D

Reference : FEREAC,54,204,43388,1989 Effective Date : 1989

Last Amendment : FEREAC,54,204,43388,1989 Entry / Update : 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.
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Title : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD

Reference : FEREAC,42,,14554,1977 Effective Date : 1977

Last Amendment : CFRUS*,21,176,180,1988 Entry / Update : NOV1991

Common Name : Sodium Nitrite

RTECS Number : RA1225000

CAS Number : 7632-00-0

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.): UN1500. CLASS (5.1): OXIDIZER; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 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> NOV1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO ALL NITRITES)</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 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>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION,PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 0.1-100 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	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 1-15 MG/G.</p> <p><u>Title :</u> DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,42,,1978 <u>Effective Date :</u> 1JUL1978</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REC	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>

Common Name : Sodium Nitrite

RTECS Number : RA1225000

CAS Number : 7632-00-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6, 8, 114, 1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	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	FEED	ADDIT	PRMT	<p>SODIUM NITRITE MAY BE ADDED AS A PRESERVATIVE (EEC NO E250) 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>SODIUM NITRITE (E250) MAY WHEN MIXED WITH SODIUM CHLORIDE, BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. 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** L12, 161/64, 1964 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : OJEC** L352, 45, 1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: O - OXIDIZING; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8). T - TOXIC; TOXIC IF SWALLOWED (R 25). LABEL: O - OXIDIZING; T - TOXIC; CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE (R 8); TOXIC IF SWALLOWED (R 25); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 5%: T - TOXIC; TOXIC IF SWALLOWED (R 25). FROM 1% TO 5%: 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** L196, 1, 1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC** L180, 79, 1991 <u>Entry / Update</u> : APR1992</p>
FW	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: PRESERVATIVE; ADI: 0-0.2 MG/KG BW (TEMPORARY); MXL: LUNCHEON MEAT, COOKED CURED HAM, COOKED CURED PORK SHOULDER, COOKED CURED CHOPPED MEAT: 125 MG/KG (DETERMINED SINGLY OR IN COMBINATION WITH POTASSIUM NITRITE, EXPRESSED AS SODIUM NITRITE); CANNED CORNED BEEF: 50 MG/KG (DETERMINED SINGLY OR IN COMBINATION WITH POTASSIUM NITRITE, EXPRESSED AS SODIUM NITRITE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1983</p> <p><u>Last Amendment</u> : FAOCA* XIV, 361, 1983 <u>Entry / Update</u> : MAY1991</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 : Sodium Nitrite

RTECS Number : RA1225000

CAS Number : 7632-00-0

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO SODIUM NITRITE 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>					
GBR	REG	FOOD LABEL	ADDIT ADDIT	PRMT RQR	PERMITTED FOOD PRESERVATIVE (E250) (EXCEPT IN FOOD FOR BABIES AND YOUNG CHILDREN) WHEN SATISFYING THE PURITY CRITERIA CONTAINED IN THE EC DIRECTIVE 65/66/EEC (SUBSEQUENTLY AMENDED BY 67/428/EEC AND 76/463/EEC). WHEN SOLD FOR USE AS A FOOD PRESERVATIVE THE CONTAINER MUST BE LABELLED IN ACCORDANCE WITH SCHEDULE 3 OF THE REGULATIONS. PRESCRIBED LIMIT WHEN USED INDIVIDUALLY OR IN AN ADMIXTURE WITH OTHER PERMITTED FOOD PRESERVATIVES IN THE RANGE 5-50 MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 64/65/EEC (LAST AMENDED BY 85/585/EEC).
<p><u>Title</u> : THE PRESERVATIVES IN FOOD REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,533,,9,1989 <u>Effective Date</u> : 27APR1989</p> <p><u>Last Amendment</u> : GBRSI*,2287,,1,1989 <u>Entry / Update</u> : 1992</p>					
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1500.
<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: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO POTASSIUM NITRATE AND SODIUM NITRITE MIXTURES). UN NO. 1487
<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991</p>					
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS CLASS I PERSERVATIVE. THE FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.
<p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,386,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>					
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO POTASSIUM NITRATE AND SODIUM NITRITE MIXTURES). UN NO. 1487
<p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : AUG1990</p>					
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 5.1 = OXIDIZING SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1498.
<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 : Sodium Nitrite

RTECS Number : RA1225000

CAS Number : 7632-00-0

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 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 SEPARATE FROM AMMONIUM COMPOUNDS AND CYANIDES. BAGGED MATERIAL NOT PERMITTED ON PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED OXIDIZER. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991 <u>Last Amendment</u> : CFRUS* 49,172,101,1990 <u>Entry/ Update</u> : NOV1991
USA	REG	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
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME INORGANIC NITRATE/NITRITETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Entry/ Update</u> : JAN1992
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry/ Update</u> : NOV1991

Common Name : Sodium Orthophosphate

RTECS Number : TC9490000

CAS Number : 7601-54-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1988. CODE TSP. 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.): NA9148. CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 49. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CSK	REG	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. RANGE OF MAXIMUM LIMITS FOR THE PLASTIC MATERIALS: 10-30 MG/G.</p> <p><u>Title :</u> DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS</p> <p><u>Reference :</u> HPMZC*,42,,1978 <u>Effective Date :</u> 1JUL1978</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	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>
EEC	REG	FOOD	ADDIT	PRMT	<p>SODIUM ORTHOPHOSPHATES MAY BE ADDED AS EMULSIFIERS, STABILIZERS, THICKENERS AND GELLING AGENTS TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. SPECIFIC CRITERIA OF PURITY FOR THE SUBSTANCE ARE GIVEN IN COUNCIL DIRECTIVE 78/663/EEC - OJEC L223,7,1978 AS LAST AMENDED.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 18 JUNE 1974 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO EMULSIFIERS, STABILIZERS, THICKENERS AND GELLING AGENTS FOR USE IN FOODSTUFFS (74/329/EEC).</p> <p><u>Reference :</u> OJEC**,L189,,1,1974 <u>Effective Date :</u> 3APR1988</p> <p><u>Last Amendment :</u> OJEC**,L186,,13,1989 <u>Entry / Update :</u> OCT1987</p>
EEC	REG	FEED	ADDIT	PRMT	<p>TRISODIUM ORTHOPHOSPHATE (E339(III)) 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	FOOD	ADDIT	PRMT	<p>THE SUBSTANCE MAY BE ADDED AS AN ANTIOXIDANT TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. PURITY CRITERIA ARE LAID DOWN IN EC DIRECTIVE 78/664/EEC, OJEC L223, 30, 1978.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 13 JULY 1970 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE ANTIOXIDANTS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION (70/357/EEC).</p> <p><u>Reference :</u> OJEC**,L157,,31,1970 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OJEC**,L24,,41,1987 <u>Entry / Update :</u> OCT1987</p>

Common Name : Sodium Orthophosphate

RTECS Number : TC9490000

CAS Number : 7601-54-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	ADI: 0-70 MG/KG BW (EXPRESSED AS PHOSPHORUS INCLUDING TOTAL P INTAKE FROM FOOD AND FOOD ADDITIVES); MXL: LUNCHEON MEAT, COOKED CURED CHOPPED MEAT, COOKED CURED HAM, COOKED CURED PORK SHOULDER: 3 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH OTHER PHOSPHATES, EXPRESSED AS P2O5) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIV,,326,1983 <u>Effective Date :</u> 1983 <u>Entry / Update :</u> MAY1991
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	USE: EMULSIFYING SALT; ADI: 0-70 MG/KG BW AS PHOSPHORUS INCLUDING TOTAL P INTAKE FROM FOOD AND FOOD ADDITIVES; MXL: PROCESSED CHEESES, PROCESSED CHEESE PREPARATIONS: 9 G/KG (DETERMINED AS TOTAL PHOSPHATES CALCULATED AS P) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIV,,235,1983 <u>Effective Date :</u> 1983 <u>Entry / Update :</u> MAY1991
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	USE: STABILISER; ADI: 0-70 MG/KG BW (EXPRESSED AS PHOSPHORUS INCLUDING TOTAL P INTAKE FROM FOOD AND FOOD ADDITIVES); MXL: MINARINE: LIMITED BY GOOD MANUFACTURING PRACTICE; MILK POWDERS, CREAM POWDERS: 5 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH OTHER STABILISERS, EXPRESSED AS ANHYDROUS SUBSTANCES; EVAPORATED MILKS, SWEETENED CONDENSED MILKS, CREAM: 2 G/KG SINGLY, 3 G/KG IN COMBINATION WITH OTHER STABILISERS (EXPRESSED AS ANHYDROUS SUBSTANCES); BOUILLONS AND CONSOMMES: 1 G/KG (SUM OF PHOSPHATES, EXPRESSED AS P2O5, ON READY-TO-EAT BASIS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIV,,433,1983 <u>Effective Date :</u> 1983 <u>Entry / Update :</u> MAY1991
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	USE: ACIDITY REGULATOR; ADI: 0-70 MG/KG BW (EXPRESSED AS PHOSPHORUS INCLUDING TOTAL P INTAKE FROM FOOD AND FOOD ADDITIVES); MXL: BUTTER AND WHEY BUTTER: 2 G/KG (DETERMINED SINGLY OR IN COMBINATION WITH OTHER NEUTRALIZING AGENTS, EXPRESSED AS ANHYDROUS SUBSTANCE, FOR PH ADJUSTMENT ONLY) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> FAOCA*,XIV,,77,1983 <u>Effective Date :</u> 1983 <u>Entry / Update :</u> MAY1991
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS EMULSIFYING, GELLING, STABILIZING AND THICKENING 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> <u>Last Amendment :</u> GSKEN*,40,,337,1978 <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
RUS	REG	AIR	OCC	MAC CLASS	CLV: 10 MG/M3 (AEROSOL) HAZ. CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAD* 4696-88,,1988 <u>Effective Date :</u> SEP1988 <u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC CLASS	3.5 MG/L (CALCULATED AS PO4) 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 : Sodium Orthophosphate

RTECS Number : TC9490000

CAS Number : 7601-54-9

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

RTECS Number : TC9490000

CAS Number : 7601-54-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	AQ	EMI	RQR	5000 (2270) 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> : FEREC,51,,34547,1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991
		AQ	GRND	RQR	
		AQ	MARIN	RQR	
					<u>Effective Date</u> : 1966 <u>Entry / Update</u> : SEP1991

Common Name : Sodium Salicylate

RTECS Number : VO5075000

CAS Number : 54-21-7

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>FOR USE AS PRESERVATIVE ONLY. 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>

Common Name : Sodium Selenate

RTECS Number : VS6650000

CAS Number : 13410-01-0

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>
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>
EEC	REG	FEED	ADDIT	PRMT	<p>SELENIUM MAY BE ADDED AS A TRACE ELEMENT IN THE FORM OF SODIUM SELENITE AND SODIUM SELENATE 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>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.2 MG/M3 /SELENIUM COMPOUNDS, AS SE/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=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> 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 : Sodium Trichloroacetate

RTECS Number : AJ9100000

CAS Number : 650-51-1

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	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.5 PPM; CALCULATED AS TRICHLOROACETIC ACID. 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> 04DEC1986 <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
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	FOOD	-	PRO MRL	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 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	AQ	SURF	MAC CLASS	5.0MG/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	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.035MG/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
SWE	REG	USE	PESTI	PRO	SUSPENDED BEACUSE OF ITS HIGH MOBILITY IN SOIL. <u>Title :</u> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALIEINSPEKTIONEN <u>Reference :</u> KEMIB*,,,1990 <u>Effective Date :</u> ** 1990 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME TCA, AND SALTSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Entry / Update :</u> JAN1992

Common Name : Streptomycin

RETECS Number : WK4375000

CAS Number : 57-92-1

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, DOMESTIC USE AS CROP BACTERICIDE; SWIMMING POOL ALGAECIDE. (FORMULATION: WETTABLE POWDER; TABLET). CODE STN. 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	OCC	MAC CLASS	<p>CLV : 0.1 MG/M3 (AEROSOL) HAZARD CLASS: I</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, STREPTOMYCIN, 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 : Strychnine

RTECS Number : WL2275000

CAS Number : 57-24-9

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.15 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	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED USE AS ANIMAL TOXICANT, BIRD TOXICANT, RODENTICIDE. (FORMULATION: TABLET; PARTICULATE; EMULSIFIABLE CONCENTRATE OR EMULSION; SOLUTION). (APPLIES TO STRYCHNINE PRESENT AS ALKALOID OR AS SULFATE). CODE STR. 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.): UN1692. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 89, 93, 102, 109, 118. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO STRYCHNINE MIXTURES)</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: 0.15 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> : 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.15 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.30 MG/M3; AVERAGE VALUE; 4X/SHIFT. 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>

Common Name : Strychnine

RTECS Number : WL2275000

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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+ - 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); 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 RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN STRYCHNINE 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 (APPLIES TO STRYCHNINE, ITS SALTS, AND ITS QUATERNARY COMPOUNDS; EXCEPT SUBSTANCES CONTAINING LESS THAN 0.2 PER CENT OF STRYCHNINE) (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 STRYCHNINE, ITS SALTS AND ITS QUATERNARY COMPOUNDS) (COMMISSION DIRECTIVE 73/173/EEC - OJEC L189,7,1973 AS LAST AMENDED BY THE REFERENCE GIVEN).</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBRSI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.15 MG/M3. STEL (10 MIN-TWA): 0.45 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: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->20%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 20->0%.</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 : Strychnine

RTECS Number : WL2275000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO STRYCHNINE AND ITS SALTS). UN NO.1692. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 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>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. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. (APPLIES TO STRYCHNINE AND ITS SALTS). UN NO.1692. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->20%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 20->0%. <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	3 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,198,1990 <u>Last Amendment :</u> XPHPAW,90,117,198,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.15 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	SAFTY STORE	INDST INDST	RQR RQR	TPQ=100/10,000 RQ=10 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, 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. (APPLIES ALSO TO ITS SALTS) <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 : Strychnine

RTECS Number : WL2275000

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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 (APPLIES ALSO TO ITS SALTS)</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL DRY BAITs, PELLETS AND POWDER FORMULATIONS CONTAINING STRYCHNINE WITH A CONCENTRATION GREATER THAN 0.5 PERCENT ARE RESTRICTED FOR ALL USES. ALL DRY BAITs, PELLETS AND POWDER FORMULATIONS OF STRYCHNINE ARE RESTRICTED FOR ALL USES CALLING FOR BURROW B UILDERS. ALL DRY BAITs, PELLETS AND POWDER FORMULATIONS CONTAINING STRYCHNINE WITH A CONCENTRATION 0.5 PERCENT AND BELOW ARE RESTRICTED FOR ALL USES EXCEPT SUBSOIL. ALL DRY BAITs, PELLETS AND POWDER FORMULATIONS CONTAINING STRYCHNINE WITH A CONCENTRATI ON 0.5 PERCENT AND BELOW ARE UNCLASSIFIED FOR ALL SUBSOIL 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	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. (APPLIES ALSO TO ITS SALTS)</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST BE LABELED POISON.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME STRYCHNINETHIS 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL DRY BAITs, PELLETS AND POWDER FORMULATIONS CONTAINING STRYCHNINE WITH A CONCENTRATION GREATER THAN 0.5 PERCENT ARE RESTRICTED FOR ALL USES. ALL DRY BAITs, PELLETS AND POWDER FORMULATIONS OF STRYCHNINE ARE RESTRICTED FOR ALL USES CALLING FOR BURROW B UILDERS. ALL DRY BAITs, PELLETS AND POWDER FORMULATIONS CONTAINING STRYCHNINE WITH A CONCENTRATION 0.5 PERCENT AND BELOW ARE RESTRICTED FOR ALL USES EXCEPT SUBSOIL. ALL DRY BAITs, PELLETS AND POWDER FORMULATIONS CONTAINING STRYCHNINE WITH A CONCENTRATI ON 0.5 PERCENT AND BELOW ARE UNCLASSIFIED FOR ALL SUBSOIL 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 : Strychnine

RTECS Number : WL2275000

CAS Number : 57-24-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	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)
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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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	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)
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Title : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.

Reference : FEREAC,45,,78541,1980

Effective Date : 1980

Last Amendment : CFRUS*,40,261,33,1990

Entry / Update : JAN1992

Common Name : Strychnine Sulfate

RTECS Number : WL2550000

CAS Number : 60-41-3

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>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28); 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). APPLIES TO STRYCHNINE 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>
MEX	-	USE	AGRIC	PRO	<p>PROHIBITED AGRICULTURAL PESTICIDE. REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT (BECAUSE OF ITS HIGH TOXICITY, LD50: 5MG/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>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=100/10,000 RQ=10 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : FEREAC,52,,13395,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,355,,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME STRYCHNINETHIS 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 : Styrene

RTECS Number : WL3675000

CAS Number : 100-42-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 215 MG/M3 50 PPM, 15 MIN - STEL: 425 MG/M3 (100 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). SKIN ABSORPTION. (APPLIES TO THE MONOMER).</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>328 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	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2055. CLASS (3.3): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 84, 89, 109. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 60 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 220 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO STYRENE MONOMER, INHIBITED)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 50 PPM, 215 MG/M3; STEL: 100 PPM, 425 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 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>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Styrene

RTECS Number : WL3675000

CAS Number : 100-42-5

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: 3-4 MG/G. <u>Title</u> : DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS <u>Reference</u> : HPMZC*,42,,1978 <u>Effective Date</u> : 1JUL1978 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 20 ML/M3 (PPM); 85 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 40 ML/M3 (PPM); 170 MG/M3; AVERAGE VALUE: 4X/SHIFT. PREGNANCY GROUP C: THERE IS NO REASON TO FEAR A RISK OF DAMAGE TO THE DEVELOPING EMBRYO OR FETUS WHEN MAK AND BAT VALUES ARE ADHERED TO. VAPOUR PRESSURE: 0.6 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
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 WASSERGEFAHRDENE 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: 2 G/L, AS MANDELIC ACID. URINE: 2.5 G/L, AS MANDELIC ACID PLUS PHENYL GLYOXYLIC ACID. 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 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	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

Common Name : Styrene

RTECS Number : WL3675000

CAS Number : 100-42-5

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 STYRENE, SUBSTITUTED BY HALOGENS (ALPHA OR BETA)).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL BY INHALATION (R 20). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: XN - HARMFUL; FLAMMABLE (R 10); HARMFUL BY INHALATION (R 20); IRRITATING TO EYES AND SKIN (R 36/38); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER (S 23). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 12.5%: XN - HARMFUL; HARMFUL BY INHALATION (R 20); IRRITATING TO EYES AND SKIN (R 36/38). IF THE SUBSTANCE IS NOT STABILIZED THIS MUST BE STATED ON THE LABEL BY ENTERING THE WORD "NON-STABILIZED" AFTER THE NAME OF THE SUBSTANCE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY UNTIL 1 JANUARY 1993 BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985). (APPLIES TO STYRENE, SUBSTITUTED IN THE VINYL GROUP).</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>

Common Name : Styrene

RTECS Number : WL3675000

CAS Number : 100-42-5

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 STYRENE, SUBSTITUTED BY ALKYL GROUPS (ALPHA)).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 23 FEBRUARY 1990 RELATING TO PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (90/128/EEC).</p> <p><u>Reference</u> : OJEC**,L75,,19,1990 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1991</p>
EEC	REG	FOOD PACK	- ADDIT	- PRMT	<p>THIS SUBSTANCE MAY UNTIL 1 JANUARY 1993 BE USED FOR THE MANUFACTURE OF PLASTICS MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. THESE PLASTICS MATERIALS AND ARTICLES SHALL NOT TRANSFER THEIR CONSTITUENTS IN QUANTITIES EXCEEDING 10 MG/DM² OF SURFACE AREA OF MATERIAL OR ARTICLE (OVERALL MIGRATION LIMIT) OR 60 MG/KG OF FOODSTUFF, FOR CERTAIN CONTAINERS OR SEALING DEVICES. THE BASIC RULES FOR TESTING MIGRATION OF THE CONSTITUENTS OF PLASTICS MATERIALS AND ARTICLES ARE LAID DOWN IN DIRECTIVE 82/711/EEC (OJEC L297,26,1982) AND THE LIST OF SIMULANTS TO BE USED IN THE MIGRATION TESTS IS GIVEN IN DIRECTIVE 85/572/EEC (OJEC L372, 14, 1985). (APPLIES TO STYRENE, SUBSTITUTED IN THE BENZENE RING).</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>
F/W	REC	FOOD	-	ADI	<p>0.04 MG/KG BW (PROVISIONAL MAXIMUM TOLERABLE DAILY INTAKE) (ON CONDITION THAT THE AMOUNT OF THE SUBSTANCE MIGRATING INTO THE FOOD IS REDUCED TO THE LOWEST LEVEL TECHNOLOGICALLY ATTAINABLE).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1984</p> <p><u>Last Amendment</u> : WHOTAC,710,,39,1984 <u>Entry / Update</u> : JUL1990</p>
F/W	REC	FOOD	-	ADI	<p>PROVISIONAL MAXIMUM TOLERABLE DAILY INTAKE: 0.04 MG/KG BW. THE USE OF FOOD-CONTACT MATERIALS FROM WHICH THE SUBSTANCE MAY MIGRATE IS PROVISIONALLY ACCEPTED, ON CONDITION THAT THE AMOUNT OF THE SUBSTANCE MIGRATING INTO THE FOOD IS REDUCED TO THE LOWEST LEVEL TECHNOLOGICALLY ATTAINABLE</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1984</p> <p><u>Last Amendment</u> : WHFAAC,19,,IV,1984 <u>Entry / Update</u> : APR1991</p>

Common Name : Styrene

RTECS Number : WL3675000

CAS Number : 100-42-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	TRNSP AQ AQ	MARIN MARIN EMI	RQR RSTR RSTR	CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS. (APPLIES TO STYRENE MONOMER). <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: 420 MG/M3 (100 PPM). STEL (10 MIN-TWA): 1050 MG/M3 (250 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	MANUF AIR	INDST EMI	RQR RSTR	THE MANUFACTURE OR RECOVERY OR POLYMERISATION OF STYRENE. IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3 (Y) (APPLIES TO INHIBITED STYRENE) <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	EMI	RSTR	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. <u>Title</u> : THE HEALTH AND SAFETY (EMISSIONS INTO THE ATMOSPHERE) REGULATIONS 1983 <u>Reference</u> : GBRSI*,943,,14,1983 <u>Effective Date</u> : 05AUG1983 <u>Last Amendment</u> : GBRSI*,319,,2,1989 <u>Entry / Update</u> : 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO STYRENE MONOMER, INHIBITED). . UN NO.2055. <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	EMI	MXL	RANGE OF REGULATORY STANDARDS ON BOUNDARY LINE: 0.4-2 PPM (1.7-8.5 MG/M3). VALUES DIFFER DEPENDING ON TYPE OF FACILITY ETC.. <u>Title</u> : OFFENSIVE ODOUR CONTROL LAW <u>Reference</u> : QEJPN*,,,349,1989 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
JPN	REC	AIR	OCC	MAC	TWA: 210 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

Common Name : Styrene

RTECS Number : WL3675000

CAS Number : 100-42-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 215MG/M3 (50PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 425MG/M3 (100PPM) 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>0.04 MG/M3 1X/D; 0.002 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 : 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	OCC	MAC CLASS	<p>CLV : 30.0 MG/M3; TWA: 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.1 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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 90 MG/M3 (20 PPM); 15 MIN - STEL: 200 MG/M3 (50 PPM). SKIN ABSORPTION. (A 1D-TWA VALUE OF 10 PPM SHOULD BE AIMED FOR WHEN PLANNING NEW INSTALLATIONS OR RENOVATING OLD ONES)</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 = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO STYRENE MONOMER, INHIBITED SUBSTANCE). UN NO.2055.</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>5000 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW.90,117,200,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW.90,117,200,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 50 PPM, 213 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 100 PPM, 426 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 : Styrene

RTECS Number : WL3675000

CAS Number : 100-42-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III, EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372.65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372.65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	DRINK	MPC	<p>0.1 MG/L: THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117.3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302.4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302.4,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	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 : Styrene

RTECS Number : WL3675000

CAS Number : 100-42-5

Area Type Subject Spec. Description Level / Summary Information :

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	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.; 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
WHO	REC	AQ	DRINK	GL	20 MG/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 : Succinic Acid

RTECS Number : WM490000

CAS Number : 110-15-6

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>
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 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>
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> <u>Effective Date :</u> 1JAN1986</p> <p><u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987</p>

Common Name : Sulfallate

RTECS Number : EZ5075000

CAS Number : 95-06-7

Area Type Subject Spec. Description Level / Summary Information :

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	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIC, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >25-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >12.5-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH 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	USE SAFTY MONIT	OCC OCC OCC	RSTR RQR RQR	THIS SUBSTANCE IS A CARCINOGEN. THE RISK TO THE HEALTH AND SAFETY OF WORKERS WHO ARE OR ARE LIKELY TO BE EXPOSED TO CARCINOGENS AS A RESULT OF THEIR WORK MUST BE ASSESSED. EMPLOYERS' OBLIGATIONS INCLUDE REDUCTION OF THE USE OF THE CARCINOGEN AT THE WORKPLACE AND WHERE POSSIBLE ITS REPLACEMENT BY A LESS DANGEROUS SUBSTANCE. WHERE THE REPLACEMENT OF THE CARCINOGEN IS NOT POSSIBLE, MEASURES TO ENSURE THE PROTECTION OF THE WORKERS AND TO REDUCE THE LEVEL OF THEIR EXPOSURE MUST BE TAKEN. EMPLOYERS SHALL WHEN REQUESTED, MAKE AVAILABLE TO THE COMPETENT AUTHORITY APPROPRIATE INFORMATION. THE WORKERS AND/OR THEIR REPRESENTATIVES MUST BE INFORMED ABOUT THE HEALTH RISKS, HYGIENIC REQUIREMENTS AND PRECAUTIONS TO BE TAKEN AND THEY CAN CHECK THAT THIS DIRECTIVE IS APPLIED. RELEVANT HEALTH SURVEILLANCE OF WORKERS IS REQUIRED. THE MEDICAL RECORDS SHALL BE KEPT FOR AT LEAST 40 YEARS. <u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC). <u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992 <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: CARC.CAT.3; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); HARMFUL IF SWALLOWED (R 22); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE (S 44). <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
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME SULFALLATE THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992

Common Name : Sulfamic Acid

RTECS Number : WO5950000

CAS Number : 5329-14-6

Area Type Subject Spec. Description Level / Summary Information :

CAN REG TRNSP LABEL PACK - CLASS RQR PIN (PRODUCT IDENTIFICATION NO.): UN2967. CLASS (8): CORROSIVE. PACKING GROUP III, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 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 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.

Title :Reference : CAGAAK,124,26,5523,1990Effective Date : 06DEC1990Last Amendment :Entry / Update : OCT1991

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

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

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.

Title : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)Reference : BGZBAD,,1,1931,1991Effective Date : 15JUN1991Last Amendment :Entry / Update : APR1992

EEC REG CLASS LABEL PACK - CLASS RQR CLASS: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38); 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); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER (S 28)).

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

IMO REC TRNSP LABEL PACK MARIN CLASS HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2967

Title :Reference :Effective Date :Last Amendment : IMCOC*,,,,10004,1990Entry / Update : JAN1991

RUS REG AIR OCC MAC CLASS CLV: 2.0 MG/M3 (AEROSOL) HAZ. CLASS: III

Title :Reference :Effective Date : SEP1988Last Amendment : PDKAD*,4696-88,,1988Entry / Update : MAY1990

Common Name : Sulfamic Acid

RTECS Number : WO5950000

CAS Number : 5329-14-6

Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 2967
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Title :

Reference _____

Effective Date :

Last Amendment : UNTDG*,,,15,1989

Entry / Update : AUG1990

USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME SULFAMIC ACIDTHIS 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.
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Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D

Reference _____ : FEREAC,54,204,43388,1989

Effective Date : 1989

Last Amendment : FEREAC,54,204,43388,1989

Entry / Update : JAN1992

Common Name : Sulfonamide

RTECS Number : WO8400000

CAS Number : 63-74-1

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3 (AEROSOL) HAZARD CLASS: II		
					<u>Title :</u>		
					<u>Reference :</u>		<u>Effective Date :</u> 01JAN1989
					<u>Last Amendment :</u> GOSTS*,12.1.005,,1988		<u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC CLASS	0.5 MG/L HAZARD CLASS: IV		
					<u>Title :</u>		
					<u>Reference :</u>		<u>Effective Date :</u> 1JAN1989
					<u>Last Amendment :</u> SPNPV*,4630-88,,1988		<u>Entry / Update :</u> JUL1990

Common Name : Sulfotepp

RTECS Number : XN4375000

CAS Number : 3689-24-5

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	TRNSP LABEL PACK	-	CLASS RQR	IN SOLUTION OR MIXTURES. PIN (PRODUCT IDENTIFICATION NO.): UN1703. CLASS (2.3): POISON GAS. 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 SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES ALSO TO GASES) <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: 0.2 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
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR RESTRICTED USE AS ACARICIDE (MITE CONTROL), INSECTICIDE. (FORMULATION: DUST OR POWDER; SOLUTION). APPLIES TO SULFOTEP PLUS RELATED ACTIVE COMPOUNDS. CODE SFT. 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
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

Common Name : **Sulfotepp**RTECS Number : **XN4375000**CAS Number : **3689-24-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.015 ML/M3 (PPM); 0.2 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 0.15 ML/M3 (PPM); 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 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: 0.2 - 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
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 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) (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>

Common Name : Sulfotepp

RTECS Number : XN4375000

CAS Number : 3689-24-5

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	PESTICIDE PREPARATIONS WHICH CONTAIN SULFOTEP 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
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
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->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 10-2% (SOLID) OR 10-1% (LIQUID). <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : 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. 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>Effective Date</u> : 27NOV1989 <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992

Common Name : Sulfotepp

RTECS Number : XN4375000

CAS Number : 3689-24-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 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	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	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: 0.1 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100->10%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 10-2% (SOLID) OR 10-1% (LIQUID).</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>35 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,204,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,204,1990 <u>Entry / Update</u> : OCT1991</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>

Common Name : Sulfotepp

RTECS Number : XN4375000

CAS Number : 3689-24-5

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, SULFOTEPP, 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	SPRAYS AND SMOKE GENERATORS WITH SULFOTEPP 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>Effective Date :</u> 1978 <u>Last Amendment :</u> FEREAC,43,,5790,1978 <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>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	SPRAYS AND SMOKE GENERATORS WITH SULFOTEPP ARE RESTRICTED FOR ALL USES. THE GIVEN USES OF PESTICIDE PRODUCTS CONTAINING THE ACTIVE INGREDIENT(S) SPECIFIED HAVE BEEN CLASSIFIED FOR RESTRICTED USE AND ARE LIMITED TO USE BY OR UNDER THE DIRECT SUPERVISION OF A CERTIFIED APPLICATOR. <u>Title :</u> PESTICIDES CLASSIFIED FOR RESTRICTED USE <u>Reference :</u> FEREAC,43,,5790,1978 <u>Effective Date :</u> 1978 <u>Last Amendment :</u> CFRUS*,40,152,175,1990 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	ACUTE HAZARDOUS WASTES (H); SUMMARY - THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER 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 : Sulfprofos

RTECS Number :

CAS Number : 35400-43-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA : 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,,1,1979 <u>Effective Date :</u> 29MAY199 <u>Last Amendment :</u> ARGOB*,27145,,1,4,1991 <u>Entry / Update :</u> OCT1991
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	COTTON: 0.05MG/KG; SECURITY INTERVAL: 14 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 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	AIR	OCC	TLV	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". <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: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100 - 45 % (SOLID) OR 100 - 18 % (LIQUID). UN NOS. 2783, 2784, 3017, 3018. <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	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	AQ	SURF	MAC CLASS	0.003 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. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> PDKAV*,3086-84,,1984 <u>Entry / Update :</u> SEP1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100 - 45 PERCENT (SOLID) OR 100 - 18 PERCENT (LIQUID). UN NOS. 2783, 2784, 3017, 3018. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,162, <u>Entry / Update :</u> AUG1990

Common Name : **Sulfprofos**

RTECS Number :

CAS Number : **35400-43-2**

Area Type Subject Spec. Description Level / Summary Information :

USA REC AIR OCC TLV TIME WEIGHTED AVG (TWA) 1 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.

Title : THRESHOLD LIMIT VALUES

Reference : ACGIH*,11,1989

Effective Date : 1989

Last Amendment : ACGIH*,11,1991

Entry / Update : DEC1991

USA REG CLASS - RQR
MANUF PRMT

REGISTRATION STANDARD, SULPROFOS, 1981.THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT 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.

Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.

Reference : FEREAC,54,34,7740,1989

Effective Date : 1988

Last Amendment : FEREAC,54,34,7740,1989

Entry / Update : JAN1992

Common Name : Sulfur

RTECS Number : WS4250000

CAS Number : 7704-34-9

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	NO TOLERANCE LIMITS; NO SECURITY INTERVALS; PROVISIONAL TOXICITY CLASS: IV (I = MOST OTXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: APPLICATION ON AERIAL PARTS IS IN GENERAL 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*,,,1,1984</p> <p><u>Effective Date</u> :</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : AUG1985</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2448. CLASS (4.1); FLAMMABLE SOLID. SPECIAL PROVISIONS: 59. PACKING GROUP III, (I=GREATDANGER, 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. (APPLIES TO SULPHUR, MOLTEN)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990</p> <p><u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1350. CLASS - ACT AND REGULATIONS DO NOT APPLY. PACKING GROUP III, (I=GREAT DANGER, III=MINORDANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990</p> <p><u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> :</p> <p><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 ACARICIDE (MITE CONTROL); FUNGICIDE (AGRICULTURAL); RODENTICIDE; ANIMAL TOXICANT; INSECTICIDE. (FORMULATION: DUST OR POWDER; WETTABLE POWDER; SOLID; GRANULAR; SUSPENSION). CODE SUL. 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</p> <p><u>Effective Date</u> : 11AUG1988</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : JUN1991</p>
CSK	REG	USE	AGRIC	PRMT	<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</p> <p><u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> :</p> <p><u>Entry / Update</u> : DEC1991</p>

Common Name : Sulfur

RTECS Number : WS4250000

CAS Number : 7704-34-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	GOODS	-	RSTR MXL	<p>MAXIMUM LIMIT IN COSMETICS: 10 MG/G (FOR SPECIFIED COSMETIC PRODUCTS PERMITTED WITHOUT LIMITATION)</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 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	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 50.0 - 100.0 MG/KG. OTHER PLANT PRODUCTS: 5.0 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	GOODS SALE	FUEL FUEL	MXL RQR	<p>GAS OILS CAN BE MARKETED ONLY IF THEIR SULFUR COMPOUND CONTENT EXPRESSED IN SULFUR < = 0.3% BY WEIGHT. WITHIN CERTAIN ZONES THE USE OF GAS OILS WITH SULFUR CONTENT EQUAL TO 0.2% BY WEIGHT MAY BE REQUIRED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 NOVEMBER 1975 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE SULPHUR CONTENT OF CERTAIN LIQUID FUELS. (75/716/EEC)</p> <p><u>Reference</u> : OJEC**,L307,,22,1975 <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : OJEC**,L91,,19,1987 <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 SULFUR DIOXIDE AND OTHER SULFUR COMPOUNDS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1984 ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. (84/360/EEC).</p> <p><u>Reference</u> : OJEC**,L188,,20,1984 <u>Effective Date</u> : 30JUN1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE	-	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 SULPHUR ORGANIC 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	GOODS MONIT	AGRIC METHD	RQR RQR	<p>THE METHODS OF SAMPLING AND ANALYSIS FOR OFFICIAL CONTROLS OF EEC FERTILIZERS CONCERNING DIFFERENT FORMS OF SULPHUR ARE LAID DOWN.</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 22 JUNE 1977 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO METHODS OF SAMPLING AND ANALYSIS FOR FERTILIZERS. (77/535/EEC).</p> <p><u>Reference</u> : OJEC**,L213,,1,1977 <u>Effective Date</u> : 15SEP1990</p> <p><u>Last Amendment</u> : OJEC**,L265,,30,1989 <u>Entry / Update</u> : MAY1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : FLAMMABLE SOLID. EMERGENCY ACTION CODE : 2X (APPLIES TO MOLTEN SULPHUR)</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 : Sulfur

RTECS Number : WS4250000

CAS Number : 7704-34-9

Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	USE	PESTI	PRMT	APPROVED AS A FUNGICIDE 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	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 MOLTEN SULPHUR). <u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 2 <u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987 <u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF OXIDES OF SULPHUR AND OTHER SULPHUR 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. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBRSI*,472,,1991 <u>Effective Date :</u> 01APR1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	THE MANUFACTURE OF ANY ORGANIC SULPHUR COMPOUND IF THE PROCESS MAY RESULT IN THE RELEASE OF THE SUBSTANCE INTO THE AIR (OTHER THAN IN PROCESSES INVOLVING RUBBER), IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE 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. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBRSI*,472,,1991 <u>Effective Date :</u> 01APR1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992
GBR	REG	MONIT USE	METHD AGRIC	RQR RQR	METHODS OF ANALYSIS ARE DESCRIBED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 89/519/EEC WHICH SUPPLEMENTS AND AMENDS 77/535/EEC. <u>Title :</u> THE FERTILIZERS (SAMPLING AND ANALYSIS) REGULATIONS 1978 <u>Reference :</u> GBRSI*,1108,,1978 <u>Effective Date :</u> 21JAN1992 <u>Last Amendment :</u> GBRSI*,2824,,1991 <u>Entry / Update :</u> 1992
GBR	REG	AIR	EMI	RSTR	SULPHUR 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. <u>Title :</u> THE HEALTH AND SAFETY (EMISSIONS INTO THE ATMOSPHERE) REGULATIONS 1983 <u>Reference :</u> GBRSI*,943,,14,1983 <u>Effective Date :</u> 05AUG1983 <u>Last Amendment :</u> GBRSI*,319,,2,1989 <u>Entry / Update :</u> 1992

Common Name : Sulfur

RTECS Number : WS4250000

CAS Number : 7704-34-9

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 SULPHUR IN ELEMENTAL OR COMPOUND FORM IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,3,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OF ANY OXIDE OF SULPHUR BUT EXCLUDING ANY COMBUSTION OR INCINERATION PROCESS OTHER THAN THE BURNING OF SULPHUR; ANY PROCESS FOR THE MANUFACTURE OF A CHEMICAL WHICH USES, OR MAY RESULT IN THE RELEASE INTO THE AIR OF, ANY OXIDE OF SULPHUR BUT EXCLUDING ANY COMBUSTION OR INCINERATION PROCESS OTHER THAN THE BURNING OF SULPHUR IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.1 = INFLAMMABLE SOLID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO SULPHUR, LUMP AND COARSE GRAINED POWDER OR FINE GRAINED POWDER). UN NO. 1350.</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: 4.1 = INFLAMMABLE SOLID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO MOLTEN SULPHUR). UN NO.2448.</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	AQ	AMBI	MPC	<p>0.5 MG/L OF SULFIDES IN ESTUARIES</p> <p><u>Title :</u> DIARIO OFICIAL</p> <p><u>Reference :</u> DOMEX*,29 MCH,,1167,1973 <u>Effective Date :</u> 27JUN1973</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1982</p>
RUS	REG	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 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 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>

Common Name : Sulfur

RTECS Number : WS4250000

CAS Number : 7704-34-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 6.0 MG/M3 (AEROSOL) (APPLIES TO ELEMENTALSULFUR) HAZARD CLASS: IV</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	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	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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 4.1 = INFLAMMABLE SOLID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1350.</p> <p><u>Title</u> :</p> <p><u>Reference</u> _____ :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989</p> <p><u>Effective Date</u> _____ :</p> <p><u>Entry / Update</u> : SEP1982</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 4.1 = INFLAMMABLE SOLID. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO MOLTEN SULPHUR). UN NO.2448.</p> <p><u>Title</u> :</p> <p><u>Reference</u> _____ :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989</p> <p><u>Effective Date</u> _____ :</p> <p><u>Entry / Update</u> : SEP1982</p>
USA	REG	TRNSP 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. VESSEL SHIPMENTS MUST BE PROTECTED FROM SPARKS AND OPEN FLAME AND STOWED SEPARATE FROM OXIDIZING MATERIALS, AND SEGREGATED AS FOR FLAMMABLE SOLIDS. 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</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990</p> <p><u>Effective Date</u> : OCT1991</p> <p><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</p> <p><u>Last Amendment</u> : CFRUS*,21,175,105,1988</p> <p><u>Effective Date</u> : 1977</p> <p><u>Entry / Update</u> : NOV1991</p>

Common Name : Sulfur

RTECS Number : WS4250000

CAS Number : 7704-34-9

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, SULFUR, 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</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>
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Common Name : Sulfur Dioxide

RTECS Number : WS4550000

CAS Number : 7446-09-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 5 MG/M3 (2 PPM), 15 MIN - STEL: 10 MG/M3 (5 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*,24170,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	AIR	EMI	GL	<p>THE AMOUNT OF SO2 EMITTED FROM A SULFITE PULPING FACILITY SHOULD NOT EXCEED 10000 G FROM THE PULPING PROCESS INCLUDING THE RECOVERY FURNACE PER METRIC TON OF AIR DRY UNBLEACHED PULP PRODUCED (OR 20 LBS PER SHORTAIR DRY TON). THESE GUIDELINES FALL UNDER THE WOOD PULPING INDUSTRY NATIONAL EMISSION GUIDELINES FOR NEW STATIONARY SOURCES, UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT, ADMINISTERED BY THE DEPARTMENTS OF ENVIRONMENT AND NATIONAL HEALTH AND WELFARE. APPLY TO PLANTS CONSTRUCTED AFTER 1979.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAE0,113,,5940,1979 <u>Effective Date :</u> 22SEP1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REC	AIR	EMI	MXL GL	<p>SECTION 4 - EMISSION GUIDELINES: A NEW INSTALLATION SHOULD BE DESIGNED AND OPERATED IN A MANNER WHICH RESULTS IN THE EMISSION TO THE AMBIENT AIR OF GASES CONTAINING SULPHUR DIOXIDE IN CONCENTRATIONS NOT EXCEEDING 1.98 KG/1,000,000 KILOCALORIES HEAT INPUT FOR ALL UNITS LESS THAN OR EQUAL TO 2,520,000 KILOCALORIES/HR HEALTH INPUT OR 2.96 KG/1,000,000 KILOCALORIES HEAT INPUT FOR ALL UNITS GREATER THAN 2,520,000 KILOCALORIES HEAT INPUT. SECTION 5 - BOILER STACK HEIGHT REQUIREMENTS: THE STACK OF A NEW INSTALLATION SHOULD BE DESIGNED SO THAT THE FLUE GASES, CONTAINING AIR CONTAMINANTS LIMITED TO THE LEVELS SPECIFIED IN THIS GUIDELINE, ARE DISCHARGED INTO THE AMBIENT AIR AT SUFFICIENT HEIGHT, VELOCITY AND TEMPERATURE SO AS TO CAUSE A ONE HOUR AVERAGE IMPINGEMENT CONCENTRATION NO GREATER THAN 450MICROGRAMS PER CUBIC METRE OF AIR. FOR AN EXISTING ESTALLATION, THE ONE HOUR AVERAGE IMPINGEMENT CONCENTRATION IS 900 MICROGRAMS PER CUBIC METRE OF AIR. PRESCRIBED BY THE AIR POLLUTION GUIDELINES APPLICABLE TO BIOLERS AT FEDERAL ESTABLISHMENTS, WHICH ARE PART OF THE ENVIRONMENTAL PROTECTION SERVICE REPORT SERIES (PUBLISHED BY THE DEPARTMENT OF ENVIRONMENT). THESE GUIDELINES SET FORTH EMISSION LIMITS FOR AIR POLLUTANTS DISCHARGEDFROM NEW AND EXISTING BOILERS AT FEDERAL ESTABLISHMENTS.</p> <p><u>Title :</u></p> <p><u>Reference :</u> REPCEU,,,1989 <u>Effective Date :</u> DEC1979</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	AIR	AMBI	MDC MAC	<p>SCHEDULE 1 - MAXIMUM DESIRABLE CONCENTRATIONS: 0 TO 30 MICROGRAMS/M3 ANNUAL ARITHMETIC MEAN; 0 TO 150 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A 24 HOUR PERIOD; 0 TO 450 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A ONE HOUR PERIOD. MAXIMUM ACCEPTABLE CONCENTRATIONS: 30 TO 60 MICROGRAMS/M3 ANNUAL ARITHMETIC MEAN; 150 TO 300 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A 24 HOUR PERIOD; 450 TO 900 MICROGRAMS/M3 AVERAGE CONCENTRATION OVER A ONE HOUR PERIOD. THESE LIMITS ARE PRESCRIBED BY THE AMBIENT AIR QUALITY OBJECTIVES ORDER NO.1 WHICH FALL UNDER THE CANADIAN ENVIRONMENTAL PROTECTION ACT.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CRCAEL,4,403,2869,1978 <u>Effective Date :</u> 21MAY1974</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REC	AIR	AMBI	MTC	<p>SCHEDULE I - MAXIMUM TOLERABLE CONCENTRATIONS: 300 TO 800 MICROGRAMS/M3 (AVERAGE CONCENTRATION OVER A CONTINUOUS 24 HOUR PERIOD). THESE LIMITS ARE PRESCRIBED BY AMBIENT AIR QUALITY OBJECTIVES ORDER NO.3 WHICH FALL UNDER CANADIAN ENVIRONMENTAL PROTECTION ACT, ADMINISTERED BY THE DEPARTMENT OF ENVIRONMENT AND NATIONAL HEALTHAND WELFARE. IT SETS MAXIMUM TOLERABLE LIMITS FOR 5 CONTAMINANTS.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,112,21,3929,1978 <u>Effective Date :</u> 27OCT1978</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>

Common Name : Sulfur Dioxide

RTECS Number : WS4550000

CAS Number : 7446-09-5

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>
CAN	REG	AIR	OCC	TLV	<p>TWA: 2 PPM, 5 MG/M3; (INTENDED CHANGES - STEL: 5 PPM, 10 MG/M3). PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</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.): UN1079. CLASS (2.3): POISON GAS. SPECIAL PROVISIONS: 46, 56, 90, 99, 102. PACKING GROUP X, (X=PACKAGING REQUIREMENTS ARE SPECIFIC TO THE SUBSTANCE). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 25 KG. PRESCRIBED BY THE TRANSPORTATION OF 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 SULPHURDIOXIDE, LIQUEFIED)</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 AS PRINCIPLE AIR POLLUTANT</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	FEED USE	ADDIT ADDIT	MXL PRMT	<p>MXL: 0.3 G/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS)</p> <p><u>Title :</u> NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference :</u> SZCSR*,25,609,1987 <u>Effective Date :</u> 1JAN1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	AMBI	MAC	<p>AVERAGE 30-MIN CONCENTRATION: 500 UG/M3; AVERAGE DAILY CONCENTRATION: 150 UG/M3 (250 UG/M3 AS SUM WITH DUST) (THESE LIMITS CAN BE EXCEEDED < 5% CASES YEARLY); AVERAGE YEARLY CONCENTRATION: 60 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	FOOD	-	MPC	<p>LIMITS OF ADDITIVE PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 10-1000 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*,51,,1986 <u>Entry / Update :</u> DEC1991</p>

Common Name : Sulfur Dioxide

RTECS Number : WS4550000

CAS Number : 7446-09-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	EMI	MXL	<p>GENERAL EMISSION LIMITS: 2500 MG/M3 (MASS FLOW OF SULFUR DIOXIDE > 20 KG/H); EMISSION LIMITS FOR COMBUSTION OF SOLID FUELS: 500 MG/M3 (BOILER OUTPUT > 300 MW), 1700 MG/M3 (50 MW < BOILER OUTPUT < 300 MW), 2500 MG/M3 (5 MW < BOILER OUTPUT < 50 MW); EMISSION LIMITS FOR COMBUSTION OF LIQUID FUELS: 500 MG/M3 (BOILER OUTPUT > 300 MW), 1700 MG/M3 (5 MW < BOILER OUTPUT < 300 MW); EMISSION LIMITS FOR COMBUSTION OF GAS FUELS: 35 MG/M3 (BOILER OUTPUT > 5 MW); EMISSION LIMITS FOR MUNICIPAL WASTE INCINERATION: 300 MG/M3; EMISSION LIMITS FOR SPECIAL (HAZARDOUS) WASTE INCINERATION: 300 MG/M3 (ALL LIMITS APPLY TO SO2 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: 5.0 MG/M3; CLV: 10.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 2 ML/M3 (PPM); 5 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 4 ML/M3 (PPM); 10 MG/M3; CEILING VALUE; 8X/SHIFT.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT 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	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 SULFUR DIOXIDE: IW1 = 0.14 MG/M3 AND IW2 = 0.40 MG/M3. DETAILED PROCEDURES FOR THE DETERMINATION OF IMMISSION VALUES ARE GIVEN.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL. (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE CONCENTRATION OF SULFUR OXIDES (SULFUR DIOXIDE AND SULFUR TRIOXIDE) MUST NOT EXCEED 500 MG/M3 (CALCULATED AS SULFUR DIOXIDE) AT A MASS FLOW OF > = 5000 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 : Sulfur Dioxide

RTECS Number : WS455000

CAS Number : 7446-09-5

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>
DEU	REG	AIR AIR AIR	EMI EMI EMI	MPC RSTR RQR	<p>MAXIMUM EMISSION VALUES FOR SULFUR OXIDES (SULFUR DIOXIDE AND SULFUR TRIOXIDE) ARE SET IN CERTAIN TYPES OF INDUSTRIAL PLANTS.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	AIR WASTE	EMI REMOV	MXL RQR	<p>IT IS NOT POSSIBLE TO DETERMINE AN EMISSION LIMIT VALUE FOR SO2 EMITTED AS A RESULT OF THE COMBUSTION OF WASTE OILS IN PLANTS WITH A THERMAL INPUT OF 3 MW (LHV) OR MORE AT THIS STAGE. THE MEMBER STATES WILL INDEPENDENTLY SET EMISSION STANDARDS FOR DISCHARGES OF THIS SUBSTANCE TAKING INTO ACCOUNT THE REQUIREMENTS OF DIRECTIVE OF 80/779/EEC (OJ NO L229, 30.8.1980, P.30).</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> :</p> <p><u>Last Amendment</u> : OJEC**,L42,,43,1987 <u>Entry / Update</u> : MAY1992</p>
EEC	REG	AIR	AMBI	MXL	<p>LIMIT VALUES FOR SULFUR DIOXIDE AND ASSOCIATED VALUES FOR SUSPENDED PARTICULATES (MEASURED BY THE GRAVIMETRIC METHOD) EXPRESSED AS UG/M3: 80 (SO2) - > 150 (SUSPENDED PARTICULATES), 120 (SO2) - = < 150 (SUSPENDED PARTICULATES) FOR THE DAILY MEAN VALUES THROUGHOUT THE YEAR; 130 (SO2) - > 200 (SUSPENDED PARTICULATES), 180 (SO2) - = < 200 (SUSPENDED PARTICULATES) FOR THE MEDIAN DAILY MEAN VALUES THROUGHOUT THE WINTER (1 OCT-31MCH); 250 (SO2) - > 350 (ASSOCIATED PARTICULATES), 350 (SO2) - = < 350 (SUSPENDED PARTICULATES) FOR THE 98 PERCENTILE OF ALL DAILY MEAN VALUES TAKEN THROUGHOUT THE YEAR. THE VALUE FOR 98 PERCENTILE SO2 SHOULD NOT BE EXCEEDED FOR MORE THAN THREE CONSECUTIVE DAYS AND MEMBER STATES MUST ENDEAVOUR TO PREVENT AND TO REDUCE ANY SUCH INSTANCES IN WHICH THIS VALUE HAS BEEN EXCEEDED. GUIDE VALUES FOR SULPHUR DIOXIDE AND SUSPENDED PARTICULATES (AS MEASURED BY THE BLACK-SMOKE METHOD) EXPRESSED AS UG/M3: 40-60 (SO2) AND 40-60 (SUSPENDED PARTICULATES) FOR THE ARITHMETIC MEAN OF DAILY MEAN VALUES THROUGHOUT THE YEAR; 100-150 (SO2) AND 100-150 (SUSPENDED PARTICULATES) FOR THE DAILY MEAN VALUE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 15 JULY 1980 ON QUALITY LIMIT VALUES FOR SULPHUR AND SUSPENDED PARTICULATES. (80/779/EEC).</p> <p><u>Reference</u> : OJEC**,L229,,30,1980 <u>Effective Date</u> : 11JAN1992</p> <p><u>Last Amendment</u> : OJEC**,L201,,55,1989 <u>Entry / Update</u> : MAY1992</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 SULFUR DIOXIDE AND OTHER SULFUR 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 : Sulfur Dioxide

RTECS Number : WS455000

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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); 300 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 300 (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>
EEC	REG	FOOD	-	MXL	<p>THE MAXIMUM RESIDUAL CONTENT OF SULPHUR DIOXIDE IN DIFFERENT SUGARS IS 15-20 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 11 DECEMBER 1973 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING CERTAIN SUGARS INTENDED FOR HUMAN CONSUMPTION.(73/437/EEC).</p> <p><u>Reference</u> : OJEC**L356,,71,1973 <u>Effective Date</u> : 27DEC1974</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
EEC	REG	FOOD	ADDIT	PRMT	<p>THE SUBSTANCE MAY BE ADDED AS AN ANTIOXIDANT TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</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	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); 300 (1 TONNE/H BUT LESS THAN 3 TONNES/H); 300 (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.</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	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION (R 23), XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). LABEL: T - TOXIC; TOXIC BY INHALATION (R 23); IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37); KEEP CONTAINER TIGHTLY CLOSED AND IN A WELL-VENTILATED PLACE (S 7/9); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	WASTE AIR MONIT	- AMBI METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO AIR MEMBER STATES MUST MANDATORILY REQUIRE THE MONITORING OF SULFUR DIOXIDE IN AIR EITHER CONTINUOUSLY OR AT LEAST 12X/YEAR. (REFERENCE METHOD : COLORIMETRY)</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 : Sulfur Dioxide

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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: 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.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 JUNE 1982 ON THE MAJOR-ACCIDENT HAZARDS OF CERTAIN INDUSTRIAL ACTIVITIES. (82/501/EEC).</p> <p><u>Reference</u> : OJEC**L230,,1,1982 <u>Effective Date</u> : 28SEP1988</p> <p><u>Last Amendment</u> : OJEC**L336,,14,1988 <u>Entry / Update</u> : FEB1992</p>
EEC	REG	AIR	EEC EMI	MXL	<p>IN THE CASE OF EXISTING INDUSTRIAL ESTABLISHMENTS USING THE SULPHATE PROCESS, DISCHARGES OF GASEOUS SULPHUR DIOXIDE AND TRIOXIDE INCLUDING ACID DROPLETS INTO THE ATMOSPHERE SHALL BE REDUCED TO NOT MORE THAN 10 KG OF SO2 EQUIVALENT PER TONNE OF TITANIUM DIOXIDE PRODUCED. PLANTS FOR THE CONCENTRATION OF WASTE ACID SHALL NOT DISCHARGE MORE THAN 500 MG/NM3 SOX CALCULATED AS SO2 EQUIVALENT. THE PROCEDURE FOR MONITORING THE REFERENCE MEASUREMENTS FOR DISCHARGES OF SOX INTO THE ATMOSPHERE IS SET OUT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON PROCEDURES FOR HARMONIZING THE PROGRAMMES FOR THE REDUCTION AND EVENTUAL ELIMINATION OF POLLUTION CAUSED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (89/428/EEC).</p> <p><u>Reference</u> : OJEC**L201,,56,1989 <u>Effective Date</u> : 31DEC1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
F/W	REC	FOOD	-	ADI	<p>ADI: 0-0.7 MG/KG BW (GROUP ADI FOR SULFUR DIOXIDE AND SULFITES (SODIUM AND POTASSIUM METABISULFITES, SODIUM SULFITE, AND SODIUM HYDROGEN SULFITE) EXPRESSED AS SULFUR DIOXIDE)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : WHFAAC,20,,281,1985 <u>Entry / Update</u> : APR1991</p>
F/W	REC	FOOD FOOD USE	ADDIT ADDIT ADDIT	ADI MXL PRMT	<p>USE: PRESERVATIVE; ADI: 0-0.7 MG/KG BW; MXL: DRIED APRICOTS: 2000 MG/KG; RAISINS: 1500 MG/KG (APPLIES TO BLEACHED RAISINS); CONCENTRATED PINEAPPLE JUICE WITH PRESERVATIVES: 500 MG/KG (DETERMINED SINGLY OR IN COMBINATION WITH SULFITES, BENZOIC ACID, SORBIC ACID AND THEIR SALTS); JAMS AND JELLIES, CITRUS MARMALADE: 100 MG/KG (RESULTING FROM CARRYING OVER); PICKLED CUCUMBERS: 50 MG/KG (AS CARRY OVER FROM RAW PRODUCT); SOFT SUGARS: 40 MG/KG; GLUCOSE SYRUP: 40 MG/KG, 400 MG/KG FOR MANUFACTURE OF SUGAR CONFECTIONARY ONLY; DRIED GLUCOSE SYRUP: 40 MG/KG, 150 MG/KG FOR MANUFACTURE OF SUGAR CONFECTIONARY ONLY; DEXTROSE ANHYDROUS, DEXTROSE MONOHYDRATE: 20 MG/KG; POWDERED SUGAR, FRUCTOSE, POWDERED DEXTROSE: 20 MG/KG (RESULTING FROM CARRYING OVER); WHITE SUGAR: 20 MG (SPECIFICATION A), 70 MG/KG (SPECIFICATION B)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1983</p> <p><u>Last Amendment</u> : FAOCA*,XIV,,372,1983 <u>Entry / Update</u> : MAY1991</p>
GBR	REG	AIR MONIT	AMBI AMBI	MXL RQR	<p>CONTROL MEASURES MUST BE TAKEN BY THE SECRETARY OF STATE TO ENSURE THAT THE ATMOSPHERIC CONCENTRATION OF SULPHUR DIOXIDE AND SUSPENDED PARTICULATES (BOTH SEPARATELY AND IN ASSOCIATION) DO NOT EXCEED THE LIMIT VALUES GIVEN IN ANNEXE I OF THE EC DIRECTIVE 80/779/EEC AT MEASURING STATIONS ESTABLISHED AT SITES WHERE POLLUTION IS THOUGHT TO BE GREATEST.</p> <p><u>Title</u> : THE AIR QUALITY STANDARDS REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,317,,1989 <u>Effective Date</u> : 31MCH1989</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 25 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 250 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : 1992</p>

Common Name : Sulfur Dioxide

RTECS Number : WS4550000

CAS Number : 7446-09-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF OXIDES OF SULPHUR AND OTHER SULPHUR COMPOUNDS, WHICH ARE PRESCRIBED SUBSTANCES, MAY RESULT FROM THE FOLLOWING PRESCRIBED PROCESSES: THE TREATMENT & PROCESSING OF ANIMAL OR VEGETABLE MATTER, ANY MANUFACTURING OR REPAIRING PROCESS INVOLVING THE USE OF BERYLLIUM OR SELENIUM OR THEIR ALLOYS.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OF ANY OXIDE OF SULPHUR BUT EXCLUDING ANY COMBUSTION OR INCINERATION PROCESS OTHER THAN THE BURNING OF SULPHUR: ANY PROCESS FOR THE MANUFACTURE OF A CHEMICAL WHICH USES, OR MAY RESULT IN THE RELEASE INTO THE AIR OF, ANY OXIDE OF SULPHUR BUT EXCLUDING ANY COMBUSTION OR INCINERATION PROCESS OTHER THAN THE BURNING OF SULPHUR 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 LABEL	ADDIT ADDIT	PRMT RQR	<p>PERMITTED FOOD PRESERVATIVE (E220) WHEN SATISFYING THE PURITY CRITERIA CONTAINED IN THE EC DIRECTIVE 65/66/EEC (SUBSEQUENTLY AMENDED BY 67/428/EEC AND 76/463/EEC). WHEN SOLD FOR USE AS A FOOD PRESERVATIVE THE CONTAINER MUST BE LABELLED IN ACCORDANCE WITH SCHEDULE 3 OF THE REGULATIONS. PRESCRIBED LIMIT WHEN USED INDIVIDUALLY OR IN AN ADMIXTURE WITH OTHER PERMITTED FOOD PRESERVATIVES IN THE RANGE 15-50000 MG/KG. THIS IS AN IMPLEMENTATION OF THE EC DIRECTIVE 64/65/EEC (LAST AMENDED BY 85/585/EEC).</p> <p><u>Title</u> : THE PRESERVATIVES IN FOOD REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,533,,9,1989 <u>Effective Date</u> : 27APR1989</p> <p><u>Last Amendment</u> : GBRSI*,2287,,,1989 <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 1000 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 SULPHUR DIOXIDE 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 : TOXIC GAS. EMERGENCY ACTION CODE : 2RE (APPLIES TO LIQUEFIED SULPHUR DIOXIDE)</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 : Sulfur Dioxide

RTECS Number : WS4550000

CAS Number : 7446-09-5

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	AIR	OCC	OES	8H-TWA: 5 MG/M3 (2 PPM). STEL (10 MIN-TWA): 13 MG/ M3 (5 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 LIQUEFIED SULPHUR DIOXIDE). UN NO. 1079 <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	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. SUBSTANCE THRESHOLD LIMITS: (1) FOR APPLICATION OF DUTIES UNDER ITEMS (A) TO (H): 20 T; (2) FOR APPLICATION OF DUTIES UNDER ITEM (J): 500 T. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 20 T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 50 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
JPN	REG	AIR	EMI	MXL	STANDARD VALUE DIFFERS DEPENDING ON FACILITY AND REGION. <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	AIR	AMBI	MXL	DAILY AVERAGE OF HOURLY VALUES SHALL NOT EXCEED 0.04 PPM (0.10 MG/M3) AND HOURLY VALUES SHALL NOT EXCEED 0.1 PPM (0.26 MG/M3). (ANALYSIS : CONDUCTOMETRIC METHOD) <u>Title</u> : ENVIRONMENTAL QUALITY STANDARDS FOR AMBIENT AIR <u>Reference</u> : QEJPN*,,,326,1989 <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 5 MG/M3 (2 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 10 MG/M3 (5 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10. RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991
RUS	REG	AIR	AMBI	MAC	0.5 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

Common Name : Sulfur Dioxide

RTECS Number : WS4550000

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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
SWE	REG	AIR	OCC	HLV	1D-TWA: 5 MG/M3 (2 PPM); CLV: 13 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: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO LIQUEFIED SULPHUR DIOXIDE). UN NO. 1079. <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 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,200,1990 <u>Last Amendment :</u> XPHPAW,90,117,200,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 2 PPM, 5.2 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 5 PPM, 13 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 300 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.304, 173.314, 173.315. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM LIVING QUARTERS. 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	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME SULFUR DIOXIDETHIS 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 COLLECTION 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 : Sulfur Dioxide

TECS Number : WS4550000

CAS Number : 7446-09-5

Area Type Subject Spec. Description Level / Summary Information :

SA	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>
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Common Name : Sulfuric Acid

RTECS Number : WS560000

CAS Number : 7664-93-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1 MG/M3. (SUBMITTED FOR MODIFICATION).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1831. CLASS (8): CORROSIVE; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56, 90,102, 109. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: PROHIBITED. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 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.</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 A PRODUCT PACKAGED AS A CONSUMER PRODUCT THAT CONTAINS A CORROSIVE CHEMICAL, INCLUDING SULPHURIC AND HAS A PH OF 2.5 OR LESS OR 11.5 OR MORE 1) BEFORE IT IS PREPARED FOR USE, OR II) WHEN IT IS PREPAREDFOR USE ACCORDING TO THE DIRECTIONS OR IN THEMANNER THAT IS CUSTOMARY OR USUAL, UNLESS DETAILED LABELLING REQUIREMENTS ARE MET. THIS PROHIBITION IS PRESCRIBED BY SCHEDULE I OF THE HAZARDOUS PRODUCTS ACT (HPA), ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS. IT AUTHORIZES THE PROHIBITION OF PRODUCTS THAT ARE LIKELY TO BEOF DANGER TO THE HEALTH AND SAFETY OF THE PUBLIC.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,24,4625,1988 <u>Effective Date :</u> 01NOV1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1832. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 56,61, 90, 109. PACKING GROUP II, (I=GREAT DANGER,III=MINOR DANGER). MAXIMUM AMOUNT PERPACKAGE 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 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 SULPHURIC ACID. SPENT)</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 51% ACID, BY MASS. PIN (PRODUCT IDENTIFICATION NO.): UN1830. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAYBE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 1 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 30 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS. UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPINGNAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</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 : Sulfuric Acid

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Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS HARD SURFACE DISINFECTANT. (FORMULATION: SOLUTION). CODE SUX. 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 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>NOT MORE THAN 51% ACID. PIN (PRODUCT IDENTIFICATION NO.): UN1830. CLASS -. SPECIAL PROVISIONS: 95. 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>
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	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>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	<p>TWA: 1.0 MG/M3; CLV: 2.0 MG/M3 (CALCULATED AS S03)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	FEED USE	ADDIT ADDIT	MXL PRMT	<p>MXL: 0.5 G/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS)</p> <p><u>Title</u> : NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference</u> : SZCSR*,25,609,1987 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE (APPLIES TO ALL WASTE INORGANIC ACIDS)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS SLIGHTLY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 1). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 1 MG/M3. CALCULATED AS TOTAL DUST (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 2 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	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	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	FEED	ADDIT	PRMT	<p>SULPHURIC ACID (E513) 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>

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Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	AQ	DRINK	RQR	QUALITY STANDARD FOR SULFATES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 250 MG SO ₄ /L FOR ALL CATEGORIES OF TREATMENT METHODS. GUIDELINE VALUES: 150 MG SO ₄ /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.
		AQ	SURF	RQR	
		AQ	FRESH	RQR	
					<u>Title :</u> COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)
					<u>Reference :</u> OJEC**,L194,,26,1975 <u>Effective Date :</u> 25JUL1977
					<u>Last Amendment :</u> <u>Entry / Update :</u> APR1986
EEC	REG	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); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); NEVER ADD WATER TO THIS PRODUCT (S 30). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 15%: C - CORROSIVE; CAUSES SEVERE BURNS (R 35). FROM 5% TO 15%: XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38).
					<u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES
					<u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992
					<u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992
EEC	REG	AQ WASTE	EEC EMI REMOV	PRO RQR	WHERE THE SULPHATE PROCESS IS USED, STRONG ACID WASTE MEANS THE MOTHER LIQUORS ARISING FROM SPECIFIED PROCESSES WHEN ASSOCIATED WITH WASTES CONTAINING MORE THAN 0.5% FREE SULPHURIC 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	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	MAC : 250 MG SO ₄ /L, GL : 25 MG SO ₄ /L (OF SULFATES) (GRAVIMETRY-COMPLEXOMETRY-SPECTROPHOTOMETRY) REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN
					<u>Title :</u> COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC).
					<u>Reference :</u> OJEC**,L229,,11,1980 <u>Effective Date :</u> 30AUG1982
					<u>Last Amendment :</u> <u>Entry / Update :</u> APR1986
EEC	REG	FEED	ADDIT	PRMT	SULPHURIC ACID MAY BE ADDED AS A PRESERVATIVE (EEC NO E513) 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	WASTE SOIL MONIT	- METHD	RQR RQR RQR	WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED (STORED OR DUMPED) ONTO LAND OR INJECTED INTO SOIL, MEMBER STATES MUST IF THE SULFATE PROCESS IS USED, MANDATORILY REQUIRE THE MONITORING OF SO ₄ IN UNFILTERED SURFACE AND GROUND-WATER AT LEAST 1X/YEAR. (REFERENCEMETHODS: GRAVIMETRY, COMPLEXOMETRIC TITRATION WITH EDTA, 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

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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 SULFATES IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS MAS, EDTA COMPLEXIMETRY AND GRAVIMETRIC ANALYSIS. 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>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE, RECOVERY, CONCENTRATION, OR DISTILLATION OF SULPHURIC ACID OR OLEUM 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>8H-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> : 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	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 SULPHURIC ACID AND TO SPENT SULPHURIC ACID).</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference</u> : GBR SI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBR SI*,2604,,2,1990 <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 OLEUM).</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> : GBR SI*,551,,15,1987 <u>Effective Date</u> : 06APR1987</p> <p><u>Last Amendment</u> : GBR SI*,2604,,2,1990 <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 SULFURIC ACID EXPRESSED AS SO4(2-) MG/L AND OF OTHER CATIONS, ANIONS, NON-IONISED COMPOUNDS AND TRACE ELEMENTS SPECIFIED ELSEWHERE UNDER THIS REFERENCE. (APPLIES TO SULFATE)</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 : Sulfuric Acid

RTECS Number : WS5600000

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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 SULFURIC ACID AND SPENT SULFURIC ACID)</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>
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 SULPHURIC ACID, FOR ALL CONCENTRATIONS OF ACID). UN NO. 1830; 2796.</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 (II = MEDIUM 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. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO SPENT SULPHURIC ACID). UN NO. 1832</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 FUMING SULPHURIC ACID). UN NO.1831</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	WASTE WASTE	- REMOV	CLASS RQR	<p>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.</p> <p><u>Title :</u> THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989</p> <p><u>Reference :</u> GAZIN*,465,,1,1989 <u>Effective Date :</u> 28JUL1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1992</p>

Common Name : Sulfuric Acid

RTECS Number : WS5600000

CAS Number : 7664-93-9

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>
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>
JPN	REG	GOODS PACK	CONSM	MXL RQR	<p>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.</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> : 01OCT1974</p> <p><u>Last Amendment</u> : CHPHS*,,,1980 <u>Entry / Update</u> : NOV1991</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVE PERMITTED AS STARCH MODIFYING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,404,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
KEN	REG	FOOD	ADDIT	PRMT	<p>FOOD ADDITIVES PERMITTED AS PH ADJUSTING AGENTS, ACID-REACTING MATERIALS AND WATER CORRECTING AGENTS. FOOD PRODUCTS IN OR UPON WHICH IT IS PERMITTED AND MAXIMUM LEVELS OF USE ARE LISTED.</p> <p><u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference</u> : GSKEN*,40,,374,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
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 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, 0.1 MG/M3 AV/D.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : AUG1984</p> <p><u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 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>

Common Name : Sulfuric Acid

RTECS Number : WS5600000

CAS Number : 7664-93-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
WE	REG	AIR	OCC	HLV	1D-TWA: 1 MG/M3; 15 MIN - STEL: 3 MG/M3. LIMITS APPLY TO MIST OF SULFURIC ACID. <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
IN	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>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> NOV1990
IN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1830 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
IN	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 FUMING SULPHURIC ACID). UN NO. 1831 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
IN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO SPENT SULPHURIC ACID). UN NO. 1832 <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> AUG1990
SA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 1 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 3 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
SA	REC	SAFTY USE	OCC OCC	MXL MXL	80 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,200,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,200,1990 <u>Entry / Update :</u> OCT1991
SA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	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 C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference :</u> FEREAC,54,204,43388,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> FEREAC,54,204,43388,1989 <u>Entry / Update :</u> JAN1992

Common Name : Sulfuric Acid

RTECS Number : WS5600000

CAS Number : 7664-93-9

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	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 1 GALLON/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE KEPT DRY AND UNDER DECK STOWAGE IS PERMITTED ON CARGO VESSELS ONLY IN METAL DRUMS. SPENT: 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 DECK. FOR VESSEL SHIPMENTS UNDER DECK STOWAGE IS PERMITTED ON CARGO VESSELS ONLY IN METAL DRUMS. 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	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 AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>

Common Name : Sulphur Trioxide

RTECS Number : WT4830000

CAS Number : 7446-11-9

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1829. CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 46, 56, 84, 90, 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: 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 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 SULPHUR TRIOXIDE, 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					
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	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					
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	AIR	EMI	MPC	IN AIR EMISSIONS THE CONCENTRATION OF SULFUR OXIDES (SULFUR DIOXIDE AND SULFUR TRIOXIDE) MUST NOT EXCEED 500 MG/M3 (CALCULATED AS SULFUR DIOXIDE) AT A MASS FLOW OF >= 5000 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	AIR AIR AIR	EMI EMI EMI	MPC RSTR RQR	MAXIMUM EMISSION VALUES FOR SULFUR OXIDES (SULFUR DIOXIDE AND SULFUR TRIOXIDE) ARE SET IN CERTAIN TYPES OF INDUSTRIAL PLANTS.
<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 : Sulphur Trioxide

RTECS Number : WT4830000

CAS Number : 7446-11-9

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 INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	FOOD	ADDIT	PRMT	<p>SULFURIC ANHYDRIDE(E220) MAY BE ADDED AS A PRESERVATIVE TO FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (DIRECTIVE 64/54/EEC, O.J.E.C. NO.12, 1964, P.161/64 AS LAST AMENDED BY THE REFERENCE GIVEN) SPECIFIC CRITERIA OF PURITY FOR THE SUBSTANCE ARE GIVEN IN COUNCIL DIRECTIVE 65/66/EEC - OJEC NO.22,373,1965 AS LAST AMENDED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (65/54/EEC).</p> <p><u>Reference</u> : OJEC*,12,,161/64,1964 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : OJEC*,L352,,45,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	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: 15 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 100 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	EMI	MXL	<p>IN THE CASE OF EXISTING INDUSTRIAL ESTABLISHMENTS USING THE SULPHATE PROCESS, DISCHARGES OF GASEOUS SULPHUR DIOXIDE AND TRIOXIDE INCLUDING ACID DROPLETS INTO THE ATMOSPHERE SHALL BE REDUCED TO NOT MORE THAN 10 KG OF SO2 EQUIVALENT PER TONNE OF TITANIUM DIOXIDE PRODUCED. PLANTS FOR THE CONCENTRATION OF WASTE ACID SHALL NOT DISCHARGE MORE THAN 500 MG/NM3 SOX CALCULATED AS SO2 EQUIVALENT. THE PROCEDURE FOR MONITORING THE REFERENCE MEASUREMENTS FOR DISCHARGES OF SOX INTO THE ATMOSPHERE IS SET OUT.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 21 JUNE 1989 ON PROCEDURES FOR HARMONIZING THE PROGRAMMES FOR THE REDUCTION AND EVENTUAL ELIMINATION OF POLLUTION CAUSED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (89/428/EEC).</p> <p><u>Reference</u> : OJEC*,L201,,56,1989 <u>Effective Date</u> : 31DEC1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
GBR	REG	USE	INDST	RQR	<p>IT IS PROHIBITED TO UNDERTAKE ANY ACTIVITY WHICH ENTAILS USE OF 15 OR MORE TONS OF SULPHUR TRIOXIDE 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>ANY PROCESS FOR THE MANUFACTURE OF ANY OXIDE OF SULPHUR BUT EXCLUDING ANY COMBUSTION OR INCINERATION PROCESS OTHER THAN THE BURNING OF SULPHUR; ANY PROCESS FOR THE MANUFACTURE OF A CHEMICAL WHICH USES, OR MAY RESULT IN THE RELEASE INTO THE AIR OF, ANY OXIDE OF SULPHUR BUT EXCLUDING ANY COMBUSTION OR INCINERATION PROCESS OTHER THAN THE BURNING OF SULPHUR 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 : Sulphur Trioxide

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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 15 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 100 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	TRNSP LABEL	-	CLASS RQR	<p>LABELLING OF ROAD TANKERS: CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE: 4WE (APPLIES TO INHIBITED SULPHUR TRIOXIDE)</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 MANUF	EMI INDST	RSTR RQR	<p>TO CARRY ON THE PRESCRIBED PROCESSES SET OUT IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION IS REQUIRED. AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED WHERE RELEASE INTO THE AIR OF OXIDES OF SULPHUR AND OTHER SULPHUR 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>
WO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SULPHUR TRIOXIDE, INHIBITED). UN NO. 1829</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>
ND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. SUBSTANCE THRESHOLD LIMITS: (1) FOR APPLICATION OF DUTIES UNDER ITEMS (A) TO (H): 15T; (2) FOR APPLICATION OF DUTIES UNDER ITEM (J): 100 T. FOR ISOLATED STORAGES, THE RESPONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 15T WHEREAS (F) TO (J) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 75T.</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>
IPN	REG	AIR	EMI	MXL	<p>STANDARD VALUE DIFFERS DEPENDING ON FACILITY AND REGION.</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>

Common Name : Sulphur Trioxide

RTECS Number : WT4830000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV: 1.0 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> 01JAN1985 <u>Entry / Update :</u> MAY1990
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (II=GREAT DANGER-III=MINOR DANGER). (APPLIES TO SULPHUR TRIOXIDE, INHIBITED). UN NO. 1829 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDGM*,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1990
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 GALLON/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE KEPT DRY. GLASS BOTTLES NOT PERMITTED UNDER DECK. ALL SHIPMENTS MUST BE LABELED CORROSIVETHIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS. PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <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=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 : 2,4,5-T

TECS Number : AJ8400000

CAS Number : 93-76-5

Reg	Type	Subject	Spec.	Description	Level / Summary Information :
REG	AIR	OCC	MPC	8H-TWA: 10 MG/M3	<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>
REC	AQ	DRINK	GL MAC	MAC: 0.28 MG/L. AESTHETIC OBJECTIVE (AO) = <0.02 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY -1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE: THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.	<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>
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".	<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>
REG	PACK LABEL USE	AGRIC PESTI	CLASS	HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1984. CODE TXF. APPLIES TO 2,4,5-T PRESENT AS LOW VOLATILE ESTERS. THE PEST CONTROL PRODUCTS ACT AND REGULATIONS ARE ADMINISTERED BY THE DEPARTMENT OF AGRICULTURE. THEY ESTABLISH A REGISTRATION, CLASSIFICATION, PACKAGING AND LABELLING SYSTEM FOR PEST CONTROL PRODUCTS. ONLY PEST CONTROL PRODUCTS THAT ARE CURRENTLY REGISTERED WITH THE DEPARTMENT OF AGRICULTURE AND PRODUCTS THAT HAVE BEEN REMOVED FROM THAT LIST SINCE 1983 ARE INCLUDED; OTHER HISTORICAL RECORDS ARE NOT.	<p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,18,3601,1988 <u>Effective Date :</u> 11AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER PHENOXY PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.	<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>
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>
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>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 MG/M3. CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 50 MG/M3; AVERAGE VALUE; 2X/SHIFT. 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 WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	USE IMPRT	PESTI	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> : 29MCH199</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 2,4,5-T, ITS SALTS AND ESTERS; CALCULATED AS 2,4,5-T.</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> : 22MCH199</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> : 15JUN199</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	FOOD	PESTI	MRL	<p>ALL PLANT PRODUCTS: 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> : 01JAN198</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: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); AVOID CONTACT WITH SKIN (S 24). APPLIES TO 2,4,5-T AND ITS ESTERS AND 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>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
REC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS IIB. I.E. WHEN SOLID: AS HARMFUL AT CONCS. > 12.5-100%, WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. > 6-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. (APPLIES TO 2,4,5-T AND ITS SALTS AND ESTERS).</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>
AW	REC	FOOD FOOD FEED	-	ADI MRL MRL	<p>ADI: 0.03 MG/KG BW; MRL: CEREAL STRAW: 2 MG/KG; APPLES, APRICOTS, BARLEY, CARCASE MEAT, EGGS, MEAT BY-PRODUCTS, MILK. OATS, RICE, RYE, SUGAR CANE, WHEAT: 0.05 MG/KG (EXPRESSED AS 2,4,5-T)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*,XIII,,121-IV,1986 <u>Entry / Update :</u> APR1991</p>
BR	REG	USE	PESTI	PRMT	<p>APPROVED FOR APPLICATION BY 'ULV' MACHINES. SPECIFIC USES ARE LISTED</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
BR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3; STEL (10 MIN-TWA): 20 MG/M3</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
BR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 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>
BR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3 - 10 MIN- STEL: 20 MG/M3</p> <p><u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992</p>
BR	REG	USE	PESTI	PRMT	<p>APPROVED AS A TRANSLOCATED HERBICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
OD	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AL = 100-60% (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>
IN	REG	USE USE	AGRIC PESTI	PRO PRO	<p>TOTAL BAN AS A PESTICIDE. REASONS FOR THE CONTROL ACTION: THE HERBICIDE IS A HEALTH HAZARD TO APPLICATORS DUE TO ITS TOXICITY.</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> JUN1986</p>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	-	USE	AGRIC	PRO	PROHIBITED AGRICULTURAL PESTICIDE (MAY BE USED UNTIL EXISTING STOCKS ARE EXHAUSTED). REASONS FOR THE CONTROL ACTION: PROTECTION OF HEALTH AND THE ENVIRONMENT (BECAUSE OF ITS HIGH TOXICITY, LD50: 100 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> : 6JUL1986 <u>Last Amendment</u> : <u>Entry / Update</u> : 1987
MEX	REG	AQ	AMBI	MPC	0.10 MG/L OF DERIVATIVES OF 2,4,5-T 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	0.010 MG/L OF DERIVATIVES OF 2,4,5-T 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 OR 20 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <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	USE	AGRIC	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: TERATOGENIC, CARCINOGENIC, MUTAGENIC; CONTAINS TRACES OF DIBENZODIOXINS <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : OSUMH*,,,,1970 <u>Effective Date</u> : <u>Entry / Update</u> : AUG1988
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-60% (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) 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	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	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

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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>
JSA	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(F) (2) UNLESS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 50 POUNDS/PACKAGE. NOT LIMITED IN CARGO AIRCRAFT. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</p> <p><u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS</p> <p><u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991</p> <p><u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS 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 : 2,4,5-T**RTECS Number :** AJ8400000**CAS Number :** 93-76-5

Area Type Subject Spec. Description Level / Summary Information :

WHO	REC	AQ AQ	DRINK PESTI	GL GL	9 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.
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Title : WHO GUIDELINES FOR DRINKING-WATER QUALITY**Reference :** WHODW*,,,1983**Effective Date :****Last Amendment :** WHODW*,,,1992**Entry / Update :** OCT1992

Common Name : TCDD

RTECS Number : HP3500000

CAS Number : 1746-01-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
AN	REC	WASTE AQ	EMI	RSTR	SECTION 10 - PROCESS WASTE TREATMENT AND DISPOSAL - SOLID WASTE DISPOSAL: FOR SOLID RESIDUES OF THE PCB DESTRUCTION FACILITY SUCHAS INCINERATOR ASH, COLLECTED FLUE GAS PARTICULATE MATTER OR CONTROL DEVICE SLUDGE. IT IS RECOMMENDED THAT DISPOSAL OF SOLID PROCESS RESIDUES SHOULD NOT BE ALLOWED IF THECONCENTRATION OF 2,3,7,8-TCDD TOXIC EQUIVALENTS EXCEEDS 1 MICROGRAM/KG OF THE WASTE (1 PPB). WHEN CONCENTRATIONS IN TREATMENT RESIDUES EXCEED THIS LIMIT, IT IS RECOMMENDED THAT RESIDUES BE REPROCESSED IN THE PCB DESTRUCTION SYSTEM. - DISPOSAL OF WASTEWATERS: IT IS RECOMMENDED THAT THE MAXIMUM CONCENTRATION OF 2,3,7,8-TCDD TOXIC EQUIVALENTS IN AQUEOUS WASTES SHOULD NOT EXCEED 0.6 NG/L. AQUEOUS WASTES THAT EXCEED THIS LIMIT SHOULD NOT BE DISCHARGED BUT SHOULD BE TREATED UNTIL LEVELS ARE REDUCED TOOR BELOW THE ALLOWABLE LIMIT. PRESCRIBED BY THE GUIDELINES FOR MOBILE POLYCHLORINATED BIPHENYL DESTRUCTION SYSTEMS, WHICH ARE A REPORT FROM THE SERIES FROM THE CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT. THESE RECOMMENDATIONS ARE PROCEDURES AND CONTROLS THAT REGULATORY AGENCIES AND TECHNOLOGY PROPONENTS SHOULD CONSIDER FOR THELICENSING AND OPERATION OF MOBILE THERMAL DESTRUCTION TECHNOLOGIES FOR PCB WASTES. THEY ARE INTENDED TO SERVE AS A GUIDE IN ATTAINING A CONSISTENT NATIONAL POLICY FOR PCB DISPOSAL. <u>Title :</u> <u>Reference :</u> CREPE8,,011,,1977 <u>Effective Date :</u> MCH1990 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
AN	REG	TRNSP LABEL PACK	-	CLASS RQR	FORBIDDEN. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT. THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THEY ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991
AN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
IEU	REC	AIR	OCC	MAK	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
IEU	REG	USE SAFTY SAFTY	- INDST OCC	RSTR RQR RQR	THE COMPETENT AUTHORITY HAS TO BE INFORMED IN DETAIL OF THE USE OF SUBSTANCES, FORMULATIONS OR PRODUCTS DURING THEIR PRODUCTION OR USE INCLUDING DISPOSAL MORE THAN 0.1 MG/KG (PPM) OF THE SUM OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, 1,2,3,7,8-PENTA-CDD, 1,2,3,6,7,8-HEXA-CDD, 1,2,3,7,8,9-HEXA-CDD, 1,2,3,4,7,8-HEXA-CDD, 2,3,7,8-TETRACHLORODIBENZOFURAN, 2,3,4,7,8-PENTA-CDF AND 1,2,3,6,7,8-HEXA-CDF ARE FORMED. THAT ALSO APPLIES WHEN MORE THAN 0.01 MG/KG (PPM) OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN IS FORMED. PROCESSES HAVE TO BE PERFORMED IN CLOSED EQUIPMENTS. THE FORMATION OF PCDD AND PCDF HAS TO BE MINIMIZED ACCORDING TO CURRENT TECHNOLOGY. PROTECTIVE CLOTHING HAS TO BE PROVIDED TO WORKERS WHO ARE EXPOSED TO MORE THAN 0.005 MG/KG (PPM) OF THE ABOVE MENTIONED PCDD AND PCDF OR TO MORE THAN 0.002 MG/KG (PPM) OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN. <u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG) <u>Reference :</u> BGZBAD,,1,1931,1991 <u>Effective Date :</u> 15JUN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> 1992

Common Name : TCDD

RTECS Number : HP3500000

CAS Number : 1746-01-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SALE	-	PRO	<p>SUBSTANCES, FORMULATIONS OR PRODUCTS CONTAINING MORE THAN 0.005 MG/KG (PPM) OF THE SUM OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, 1,2,3,7,8-PENTA-CDD, 1,2,3,6,7,8-HEXA-CDD, 1,2,3,7,8,9-HEXA-CDD, 1,2,3,4,7,8-HEXA-CDD, 2,3,7,8-TETRACHLORODIBENZOFURAN, 2,3,4,7,8-PENTA-CDF AND 1,2,3,6,7,8-HEXA-CDF MAY NOT BE MARKETED. SUBSTANCES, FORMULATIONS OR PRODUCTS CONTAINING MORE THAN 0.002 MG/KG (PPM) OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN MAY NOT BE MARKETED. SOME EXCEPTIONS FROM THE PROHIBITION ARE MENTIONED.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
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 POLYCHLORINATED DIBENZO-P-DIOXIN AND ANY CONGENER THEREOF WHICH ARE PRESCRIBED SUBSTANCES. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EEC DIRECTIVES RELATING TO THE CONTROL OF POLLUTION SUCH AS 84/360/EEC.</p> <p><u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,472,,1-23,1991 <u>Effective Date</u> : 01APR1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 1 KG SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title</u> : THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference</u> : GBRSI*,1902,,1984 <u>Effective Date</u> : 31DEC1990</p> <p><u>Last Amendment</u> : GBRSI*,2325,,1990 <u>Entry / Update</u> : SEP1992</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE REONSABILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 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>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.000035 MG/L 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>

Common Name : TCDD

RTECS Number : HP3500000

CAS Number : 1746-01-6

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>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 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	MANUF SALE USE	-	RQR RQR RQR	<p>THE ADMINISTRATOR OF THE U. S. EPA FINDS THAT THERE IS A REASONABLE BASIS TO CONCLUDE THAT THE MANUFACTURE, PROCESSING, DISTRIBUTION IN COMMERCE, USE OR DISPOSAL OF THE CHEMICAL SUBSTANCE OR MIXTURE, OR THAT ANY COMBINATION OF SUCH ACTIVITIES, PRESENTS OR WILL PRESENT AN UNREASONABLE RISK OF INJURY TO HEALTH OR THE ENVIRONMENT.</p> <p><u>Title</u> : COMMERCIAL CHEMICAL CONTROL RULES</p> <p><u>Reference</u> : XCODE*,15,,2605,1991 <u>Effective Date</u> : 1JAN1977</p> <p><u>Last Amendment</u> : XCODE*,15,,2605,1991 <u>Entry / Update</u> : OCT1991</p>
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> : 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>: SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,,1314,1990 <u>Entry / Update</u> : NOV1991</p>

Common Name : Tecnazene

RTECS Number : DC0175000

CAS Number : 117-18-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.3 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>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 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,,1988 <u>Effective Date</u> : 02AUG1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED AS A FUNGICIDE AND GRWOTH REGULATOR.SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED.</p> <p><u>Title</u> : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference</u> : APFG**,,89,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1983</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS : POTATOES : 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>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.5 MG/KG (INCL. TETRACHLORANILINE)</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 FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	<p>CASE NAME TCNBTHIS 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 : Tellurium

RTECS Number : WY2625000

CAS Number : 13494-80-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1 MG/M3 (APPLIES TO TELLURIUM AND ITS COMPOUNDS, CALCULATED AS TE).</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>TELLURIUM AND COMPOUNDS, AS TE - TWA: 0.1 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 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. (APPLIES ALSO TO TELLURIUM, ELEMENTAL)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON (APPLIES TO ITS COMPOUNDS EXCEPT TELLURITES, 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	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO TELLURIUM AND ITS COMPOUNDS EXPRESSED AS TELLURIUM)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 0.5 MG/M3; AVERAGE VALUE; 2X/SHIFT. APPLIES TO TELLURIUM AND ITS COMPOUNDS AS TE.</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	REC	AQ	GRND	CLASS	<p>TELLURIUM AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : Tellurium

RTECS Number : WY2625000

CAS Number : 13494-80-9

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>
EEC	REG	FOOD	ADDIT	MXL	<p>NO DETECTABLE QUANTITIES OF THIS SUBSTANCE MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.</p> <p><u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	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, AUTHORITY 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 WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE	-	RQR	<p>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 TELLURIUM AND TELLURIUM 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 : Tellurium

RTECS Number : WY2625000

CAS Number : 13494-80-9

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	WASTE EXPR IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><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>
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 TELLURIUM AND TELLURIUM 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	EMI	RSTR	<p>TELLURIUM 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	OES	<p>FOR TELLURIUM AND ITS COMPOUNDS EXCEPT HEXAFLUORIDE, AS TE: 8H-TWA: 0.1 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>
GBR	REG	MANUF AIR AQ	INDST EMI EMI	RQR RSTR RSTR	<p>THE PRODUCTION OF TELLURIUM OR OF ANY COMPOUND CONTAINING IT, WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>

Common Name : Tellurium

RTECS Number : WY2625000

CAS Number : 13494-80-9

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 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.1 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1984</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC1991</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.01 MG/L (APPLIES TO TELLURIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS TELLURIUM) HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 0.01 MG/M3 (AEROSOL) HAZARD CLASS: I</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 0.1 MG/M3 (THE LIMIT APPLIES TO TELLURIUM AND ITS COMPOUNDS, CALCULATED AS TE.)</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 EXPRT IMPRT		RSTR RQR RQR	<p>WASTES HAVING AS CONSTITUENTS TELLURIUM AND TELLURIUM COMPOUNDS SHALL BE "HAZARDOUS WASTES" FOR THE PURPOSES OF THIS CONVENTION. THE GENERATION AND THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES SHALL BE KEPT TO A MINIMUM. EXPORTATION OF SUCH WASTES IS ALLOWED ONLY IF THE EXPORTING STATE CANNOT DISPOSE THE WASTE PROPERLY OR THE WASTE IS REQUIRED AS RAW MATERIAL FOR RECYCLING BY THE IMPORTING COUNTRY; THE TRANSBOUNDARY MOVEMENT OF HAZARDOUS WASTES IS SUBJECT TO NOTIFICATION BY THE COMPETENT AUTHORITY OF THE EXPORTING COUNTRY AND TO CONSENT BY THE COMPETENT AUTHORITY OF THE IMPORTING COUNTRY. EACH PARTY TO THIS CONVENTION SHALL ENSURE THE AVAILABILITY OF ADEQUATE DISPOSAL FACILITIES FOR THE ENVIRONMENTALLY SOUND MANAGEMENT OF HAZARDOUS WASTES AND PREVENT THE IMPORT OF HAZARDOUS WASTES IF IT HAS REASON TO BELIEVE THAT IT WILL NOT BE MANAGED IN AN ENVIRONMENTALLY SOUND MANNER. HAZARDOUS WASTES THAT ARE TO BE THE SUBJECT OF A TRANSBOUNDARY MOVEMENT ARE TO BE PACKAGED, LABELLED AND TRANSPORTED IN CONFORMITY WITH INTERNATIONAL RULES.</p> <p><u>Title :</u> Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.</p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> ISBC1*,,,1989 <u>Entry / Update :</u> MAY1992</p>

Common Name : **Tellurium**

TECS Number : **WY2625000**

CAS Number : **13494-80-9**

Area Type Subject Spec. Description Level / Summary Information :

SA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 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.
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Title : THRESHOLD LIMIT VALUES

Reference : ACGIH*,11,1989 Effective Date : 1989

Last Amendment : ACGIH*,11,1991 Entry / Update : DEC1991

SA	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.
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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 : **Temephos**RTECS Number : **TF6890000**CAS Number : **3383-96-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 10 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>
BRA	REG	USE USE	AGRIC CONSM	PRO RSTR	<p>USE NOT AUTHORIZED IN AGRICULTURE. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 2-5% (WT/WT).</p> <p><u>Title</u> : SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)</p> <p><u>Reference</u> : SBTAP*,1,1984 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985</p>
CAN	REC	AQ	DRINK	GL MAC	<p>LEVELS SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. INTERIM MAXIMUM ACCEPTABLE CONCENTRATION (IMAC) - 0.28 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.</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: 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".</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, MANUFACTURING, RESTRICTED USE AS INSECTICIDE (FORMULATION: GRANULAR; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE ABT. 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN A1 = 100-90% (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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 10 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,1989 <u>Entry / Update</u> : DEC1991</p>

Common Name : Temephos

RTECS Number : TF6890000

CAS Number : 3383-96-8

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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.06-1.0 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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.06-1.0 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	SOIL	-	PSL	0.6 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> ODKPP*,3035-84,,1984 <u>Effective Date :</u> MAY1984 <u>Entry / Update :</u> OCT1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-90% (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) 10 MG/M3 THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,11,1989 <u>Last Amendment :</u> ACGIH*,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, TEMEPHOS, 1981. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : **TEPP**RTECS Number : **UX6825000**CAS Number : **107-49-3**Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA: 0.05 MG/M3 (0.004 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: 0.004 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". <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.): UN1705. CLASS (2.3): POISON GAS. 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 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 COMPRESSED GAS 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	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 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 TETRAETHYL PYROPHOSPHATE 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	TRNSP LABEL PACK	-	CLASS RQR	DRY. 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 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 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
DEU	REC	AIR	OCC	MAK	8H-TWA: 0.005 ML/M3 (PPM); 0.05 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: 0.05 ML/M3 (PPM); 0.5 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 ARBEITSSOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992

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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,,J,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
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,,J,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN TEPP 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	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
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

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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); WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION (S 36/37/39); IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT (S 38); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.05 MG/M3 (0.004 PPM), STEL (10 MIN-TWA): 0.2 MG/M3 (0.01 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	AIR	OCC	OES	<p>8H-TWA: 0.05 MG/M3 (0.004 PPM) - 10 MIN- STEL: 0.2 MG/M3 (0.01 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	SAFETY 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->10%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 10->0%.</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 SAFETY 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 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>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.05 MG/M3 (0.004 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	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*,,, <u>Entry / Update :</u> AUG1988</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).(APPLIES TO MIXTURES OF TETRAETHYLPYROPHOSPHATE AND COMPRESSED GAS). UN NO.1705.</p> <p><u>Title :</u></p> <p><u>Reference :</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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->10%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 10->0%.</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	SAFTY USE	OCC OCC	MXL MXL	<p>10 MG/M3</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,206,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,206,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.004 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.</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>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>

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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> : 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>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL EMULSIFIABLE CONCENTRATE FORMULATIONS OF TEPP 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> : FEREC,43,,5790,1978 <u>Effective Date</u> : 1978</p> <p><u>Last Amendment</u> : CFRUS*,40,152,175,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES: CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL EMULSIFIABLE CONCENTRATE FORMULATIONS OF TEPP 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> : FEREC,43,,5790,1978 <u>Entry / Update</u> : JAN1992</p>
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>COMPRESSED GAS MIXTURE: 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, STOWED AWAY FROM LIVING QUARTER, AND SEGREGATED AS FOR NONFLAMMABLE GASES. ALL SHIPMENTS MUST BE LABELED POISON GASLIQUID: 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. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED POISON.MIXTURE LIQUID: 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>

Common Name : 1,1,1,2-Tetrachloroethane

RTECS Number : K1845000

CAS Number : 630-20-6

Area	Type	Subject	Spec.	Description	Level / Summary information :
BRA	REG	AIR	OCC	AL	27 MG/M3 (4 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
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	REG	SALE USE	CONSM CONSM	PRO PRO	IT IS PROHIBITED TO MARKET THE SUBSTANCE OR PRODUCTS CONTAINING THE SUBSTANCE AS A SOLVENT OR CONTAINING MORE THAN 0.01 % OF THE SUBSTANCE (APPLIES ALSO TO IMPURITIES) FOR PRIVATE USE AND USE IN NON-COMMERCIALY USED ROOMS. <u>Title</u> : FIRST ORDINANCE ON CHLORINATED ALIPHATICS (1.CHLORALIPHATENVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1059,1991 <u>Effective Date</u> : 09MAY1991 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	USE	-	PRO	1,1,1,2-TETRACHLOROETHANE OR HAZARDOUS SUBSTANCES WITH A MASS CONTENT OF MORE THAN 1 % OF 1,1,1,2-TETRACHLOROETHANE MAY NOT BE USED. THIS DOES NOT APPLY WHEN FOR TECHNICAL REASONS THESE HAZARDOUS SUBSTANCES CAN NOT BE REPLACED BY LESS HAZARDOUS SUBSTANCES, FORMULATIONS OR PRODUCTS. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991
USA	REG	AQ	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 : 1,1,1,2-Tetrachloroethane

RTECS Number : K18450000

CAS Number : 630-20-6

Area Type Subject Spec. Description Level / Summary Information :

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

RTECS Number : KX3850000

CAS Number : 127-18-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 335 MG/M3 (50 PPM); 15 MIN - STEL: 1340 MG/M3 (200 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,,1,1979 <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>525 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>TABLE 2 - UNDER REVIEW FOR POSSIBLE ADDITION TO THE GUIDELINES. 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	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, 335 MG/M3; STEL: 200 PPM, 1,340 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.): UN1897. 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 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	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>

Common Name : Tetrachloroethylene

RTECS Number : KX3850000

CAS Number : 127-18-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	AIR	OCC	MAC	<p>TWA: 250.0 MG/M3; CLV: 1250.0 MG/M3</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</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	BAT	<p>BLOOD : 1 MG/L. ALVEOLAR AIR: 9.5 ML/M3. SAMPLING TIME: AT THE BEGINNING OF THE NEXT SHIFT. THE CURRENT STATE OF THE ART OF QUANTITATIVE DETERMINATION OF HAZARDOUS SUBSTANCES IN THE ALVEOLAR AIR, BOTH FOR REASONS OF PRACTICABILITY AND ANALYTICAL FEASIBILITY, PERMITS ONLY LIMITED APPLICATION FOR OCCUPATIONAL MEDICAL SURVEILLANCE OF EXPOSED PERSONS.</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: 50 ML/M3 (PPM); 345 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 100 ML/M3 (PPM); 690 MG/M3; AVERAGE VALUE; 4X/SHIFT. 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. VAPOUR PRESSURE: 1.9 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPATZKONZENTRATIONEN UND BIOLOGISCHE 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 WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>

Common Name : **Tetrachloroethylene**RTECS Number : **KX3850000**CAS Number : **127-18-4**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,,1,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
DEU	REG	USE AIR WASTE AIR	INDST EMI REMOV AMBI	PRMT MPC RSTR MPC RQR	<p>TETRACHLOROETHENE MAY BE USED AS A SOLVENT IN SURFACE TREATMENT PLANTS, DRY CLEANING ESTABLISHMENTS, TEXTILE FINISHING PLANTS, AND EXTRACTION PLANTS. EMISSIONS OF 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. THE CONCENTRATION OF TETRACHLOROETHENE IN ROOMS, WHICH DO NOT BELONG TO THE PLANT AND WHERE PEOPLE STAY, OR IN ADJACENT PLANTS, WHERE FOOD PRODUCTS ARE PRODUCED, TREATED, MANUFACTURED, CONSUMED, OR STORED, MAY NOT EXCEED 0.1 MG/M3 (AS A MEAN OF 7 DAYS). 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,,1,2694,1990 <u>Effective Date :</u> 01MCH1991</p> <p><u>Last Amendment :</u> BGZBAD,,1,1218,1991 <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,,1,2612,1990 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> BGZBAD,,1,227,1991 <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,,1,1918,1989 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	FOOD	-	MPC	<p>ALL FOOD PRODUCTS: 0.1 MG/KG. APPLIES TO TETRACHLOROETHENE. ALL FOOD PRODUCTS: 0.2 MG/KG. APPLIES TO THE SUM OF TETRACHLOROETHENE, TRICHLOROETHENE, AND TRICHLOROMETHANE.</p> <p><u>Title :</u> ORDINANCE ON MAXIMUM LIMITS OF SOLVENTS (LOESUNGSMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,1,1568,1989 <u>Effective Date :</u> 01JAN1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REG	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> 01MCH1996</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>

Common Name : Tetrachloroethylene

RTECS Number : KX3850000

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Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	<p>LIMIT VALUES FOR EMISSION STANDARDS FOR DISCHARGES FROM INDUSTRIAL PLANTS INTO THE AQUATIC ENVIRONMENT: (A) TRICHLOROETHYLENE (TRI) AND PERCHLOROETHYLENE (PER) PRODUCTION (VALUES REFER TO OVERALL TRI+PER PRODUCTION CAPACITY IN TONNES): 10 G/TONNE (MONTHLY) AND 20 G/TONNE (DAILY), RESP. 2 AND 4 MG/L AS FROM 1.1.1993; 2, 5 G/TONNE (MONTHLY) AND 5 G/TONNE (DAILY), RESP. 0,5 AND 1 MG/L AS FROM 1.1.1995. (B) CARBON TETRACHLORIDE AND PERCHLOROETHYLENE PRODUCTION (TETRA-PER PROCESSES): 10 G/TONNE OF OVERALL TETRA + PER PRODUCTION CAPACITY (MONTHLY) AND 20 G/TONNE (DAILY) RESP. 5 AND 10 MG/L AS FROM 1.1.1993; 2,5 G/TONNE (MONTHLY) AND 5 G/TONNE (DAILY) , RESP. 1,25 AND 2,5 MG/L AS FROM 1.1.1995. (C) USE OF PER FOR DEGREASING METALS: 0,1 MG/L (MONTHLY) AND 0,2 MG/L (DAILY) AS FROM 1.1.1993. (D) CHLOROFLUOROCARBON PRODUCTION: NO LIMIT VALUES ADOPTED YET. QUALITY OBJECTIVES FOR THE AQUATIC ENVIRONMENT: 10 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> : 01JAN1993</p> <p><u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992</p>
EEC	REG	USE 33	- CONSM	PRO PRO	<p>MAY NOT BE USED IN: ORNAMENTAL OBJECTS INTENDED TO PRODUCE LIGHT OR COLOUR EFFECTS BY MEANS OF DIFFERENT PHASES, FOR EXAMPLE IN ORNAMENTAL LAMPS AND ASHTRAYS; TRICKS, JOKES; GAMES FOR ONE OR MORE PARTICIPANTS, OR ANY OBJECT INTENDED TO BE USED AS SUCH, EVEN WITH ORNAMENTAL ASPECTS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	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); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 1%: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>10UG/L AS MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OVER THE PRECEDING 12 MONTHS IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference</u> : GBRSI*,2790,,1991 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : HARMFUL SUBSTANCE. EMERGENCY ACTION CODE : 2(Z)</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>OES: 8H-TWA: 335 MG/M3 (50 PPM). STEL (10 MIN-TWA): 1000 MG/M3 (150 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	AQ MONIT	DRINK	MPC RQR	<p>10UG/L MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OVER THE PRECEDING 12 MONTHS IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title</u> : THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference</u> : GBRSI*,1147,,1989 <u>Effective Date</u> : 01SEP1989</p> <p><u>Last Amendment</u> : GBRSI*,1837,,1991 <u>Entry / Update</u> : 1992</p>

Common Name : Tetrachloroethylene

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	FOOD		MXL	<p>THE RETAIL SALE OF OLIVE OILS AND OLIVE-POMACE OILS CONTAINING MORE THAN 0.1 MG/KG IS PROHIBITED. THE METHOD OF ANALYSIS USED SHALL BE THAT SET OUT IN ANNEX X TO COMMISSION REGULATION (EEC) NO 1058/77 (AMENDMENT BY 1058/88). THIS IS AN IMPLEMENTATION OF ARTICLE 1 OF COMMISSION REGULATION (EEC) NO 1860/88.</p> <p><u>Title :</u> THE TETRACHLOROETHYLENE IN OLIVE OIL REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,910,,1989 <u>Effective Date :</u> 30JUN1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	TRNSP AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE. DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</p> <p><u>Title :</u> THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1</p> <p><u>Reference :</u> GBRSI*,551,,15,1987 <u>Effective Date :</u> 06APR1987</p> <p><u>Last Amendment :</u> GBRSI*,2604,,2,1990 <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1897.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</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: 340 MG/M3 (50 PPM)</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
JPN	REG	GOODS	CONSM	MXL	<p>THERE SHOULD BE LESS THAN 0.1% (MEASURED BY GAS-CHROMATOGRAPHY WITH ELECTRON-CAPTURE DETECTION) IN AEROSOL PRODUCTS AND CLEANSERS 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>
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 0.01 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>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	CLASS MANUF IMPRT LABEL	-	CLASS RSTR RSTR RQR	<p>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.</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> 29MCH1989</p> <p><u>Last Amendment :</u> JPNCO*,,,1990 <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 670 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1340 MG/M3 (200 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. (A MAXIMUM PERMISSIBLE LEVEL OF 1250 MG/M3 (200 PPM) WAS REPORTED UNDER THE NAME TETRACHLOROETHYLENE).</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>0.5 MG/M3 1X/D, 0.06 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	PSL CLASS	<p>0.02 MG/L HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN1989</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV: 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1989</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 70 MG/M3 (10 PPM); 15 MIN - STEL: 170 MG/M3 (25 PPM). CARCINOGENIC.</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.,1897.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Entry / Update :</u> SEP1982</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 50 PPM, 339 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 200 PPM, 1368 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 : Tetrachloroethylene

RTECS Number : KX3850000

CAS Number : 127-18-4

Area Type Subject Spec. Description Level / Summary Information :

JSA REC SAFTY OCC MXL 1000 PPM
USE OCC MXL

Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,208,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,208,1990Entry / Update : OCT1991

JSA REG TRNSP - PRMT
PACK CNTRL
LABEL RQR

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 CARGO AND PASSENGER VESSELS. 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 FOOD ADDIT RSTR
TRANS RSTR
STORE RSTR
PACK RSTR

THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175

Title : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVESReference : FEREAC,42,,14534,1977Effective Date : 1977Last Amendment : CFRUS*,21,175,105,1988Entry / Update : NOV1991

USA REG MONIT - RQR

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

Title : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)Reference : FEREAC,51,,32726,1986Effective Date : 1986Last Amendment : CFRUS*,40,716,120,1990Entry / Update : OCT1991

USA REG AIR EMI RQR

FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED

Title : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTSReference : FEREAC,50,,46290,1985Effective Date : 1985Last Amendment : CFRUS*,40,61,1,1990Entry / Update : SEP1991

USA REG 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

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 AQ EMI RQR
AQ INDST 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.

Title : 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A--TOXIC POLLUTANTSReference : FEREAC,44,,44502,1979Effective Date : 1979Last Amendment : CFRUS*,40,401,15,1990Entry / Update : OCT1991

Common Name : Tetrachloroethylene

RTECS Number : KX3850000

CAS Number : 127-18-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME PERCHLOROETHYLENE THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA CALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. IN PARTICULAR THE LIST INCLUDES A NUMBER OF ACTIVE INGREDIENT CASES HAVING INDIRECT FOOD OR FEED USES.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST C.</p> <p><u>Reference</u> : FEREAC,54,140,30846,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,140,30846,1989 <u>Entry / Update</u> : JAN1992</p>
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>0.005 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS.</p> <p><u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975</p> <p><u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	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	WASTE AQ AQ	- - GRND	MPC MPC MPC	<p>0.7 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>

Common Name : Tetrachloroethylene

RTECS Number : KX3850000

CAS Number : 127-18-4

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III, EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	AQ	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	-	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
WHO	REC	AQ	DRINK	GL	40 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference</u> : WHODW*,,,,1983 <u>Effective Date</u> : <u>Last Amendment</u> : WHODW*,,,,1992 <u>Entry / Update</u> : OCT1992

Common Name : 2,3,4,5-Tetrachlorophenol**RTECS Number :** SM9200000**CAS Number :** 4901-51-3**Area Type Subject Spec. Description Level / Summary Information :**

SWE REG AIR OCC HLV

1D-TWA: 0.5 MG/M3; 15 MIN - STEL: 1.5 MG/M3. SKIN ABSORPTION. (APPLIES TO TETRACHLOROPHENOLS AND THEIR SALTS).

Title : HYGIENIC LIMIT VALUES.**Reference :** AFS***,1990:13,,5-64,1990**Effective Date :** 01JUL1991**Last Amendment :****Entry / Update :** 1992

Common Name : Tetrachlorvinphos

RTECS Number : TB9100000

CAS Number : 22248-79-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD	-	AL	SPECIFIED PLANT PRODUCTS: 5-10 MG/KG; SECURITY INTERVAL: 14-90 DAYS. <u>Title :</u> MONOGRAFIA TETRAKLORVINFOS <u>Reference :</u> MTCVB*,1981 <u>Effective Date :</u> 4MAY1981C <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982
RUS	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: 0.3 - 3.0 MG/KG. OTHER PLANT PRODUCTS: 0.03 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
GKEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.1-10 MG/KG <u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference :</u> GSKEN*,40,410,1978 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982
RUS	REG	SOIL	-	MAC	1.4 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	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE USED FOR THE PROTECTION OF STORED AGRICULTURAL PRODUCTS. APPLICATION DOSE AND TREATMENT CONDITIONS ARE LAID DOWN. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	OCC	MAC CLASS	CLV : 1.0 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	FOOD	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.01-0.8 MG/KG. ADI = 0.01 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	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

Common Name : Tetrachlorvinphos

RTECS Number : TB9100000

CAS Number : 22248-79-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 2.0 MG/KG</p> <p><u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference</u> : SLVFS*,1983:1,,1983 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : SLVFS*,1989:29,,1989 <u>Entry / Update</u> : 1992</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, TETRACHLORVINPHOS, 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	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>

Common Name : Tetracycline

RTECS Number : Q18750000

CAS Number : 60-54-8

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FEED	METHD	RQR	METHOD OF ANALYSIS FOR THE DETERMINATION OF THE SUBSTANCE IN FEEDINGSTUFFS IS LAID DOWN. THE IDENTIFICATION OF THE SUBSTANCE IS PERFORMED BY MEANS OF PAPER CHROMATOGRAPHY. THE DETERMINATION IS DONE BY MEASURING THE DIFFUSION OF THE SUBSTANCE IN AN AGAR MEDIUM INOCULATED WITH BACILLUS CEREUS OR STAPHYLOCOCCUS AUREUS. <u>Title</u> : THIRD COMMISSION DIRECTIVE OF 27 APRIL 1972 ESTABLISHING COMMUNITY METHODS OF ANALYSIS FOR THE OFFICIAL CONTROL OF FEEDINGSTUFFS. (72/199/EEC). <u>Reference</u> : OJEC**,L123,,6,1972 <u>Effective Date</u> : 01JUN1984 <u>Last Amendment</u> : OJEC**,L15,,28,1984 <u>Entry / Update</u> : OCT1987
RUS	REG	AIR	AMBI	MAC	0.01 MG/M3 IX/D, 0.006 MG/M3 AV/D. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : AUG1984 <u>Last Amendment</u> : PDKAV*,3086-84,,,1984 <u>Entry / Update</u> : SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.1 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990

Common Name : Tetradifon

RTECS Number : WR585000

CAS Number : 116-29-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	PLANT 1-5 MG/KG, MEAT AND MILK 0 MG/KG, MINT 100 MG/KG, HOPS 30 MG/KG, DRIED HOPS 120 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: 1-5 MG/KG; SECURITY INTERVAL: 2-14 DAYS; PROVISIONAL TOXICITY CLASS: IV (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITITATION: NOT AUTHORIZED. <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,,,1,1984 <u>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: 1990. CODE TED. 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 = 1-100 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
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: 1.5 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF TETRADIFON AND TETRASUL, CALCULATED AS TETRADIFON. <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
GBR	REG	USE	PESTI	PRMT	APPROVED AS AN ACARICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> AFGG*,,,89,1983 <u>Last Amendment :</u> <u>Effective Date :</u> <u>Entry / Update :</u> 1983
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 1.0-100.0 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 : Tetradifon

RTECS Number : WR5850000

CAS Number : 116-29-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	MRL ADI	LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.1-0.7 MG/KG; ADI = 0.05 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	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: 0.1-0.7 MG/KG; ADI = 0.05 (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
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: 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>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> 1992
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME TETRADIFON; 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 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

Common Name : Tetraethyl Lead

RTECS Number : TP4550000

CAS Number : 78-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1 MG/M3 (CALCULATED AS PB). 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	GOODS	FUEL	MPC	<p>0.8ML/L IN PETROL INTENDED FOR USE IN TERRESTRIAL AND AQUATIC VEHICLES</p> <p><u>Title</u> : RESOLUCAO MINISTERIO DAS MINAS E ENERGIA (RESOLUTION FROM THE MINISTRY OF MINING AND INDUSTRY)</p> <p><u>Reference</u> : RMEBR*,15/82,,1,1982 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1983</p>
CAN	REG	AIR	OCC	TLV	<p>AS PB - TWA: 0.1 MG/M3; SKIN ABSORPTION. NOTE: FOR CONTROL OF GENERAL ROOM AIR, BIOLOGICAL MONITORING IS ESSENTIAL FOR PERSONNEL CONTROL. 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> : 13MCH1991</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> : 31DEC1988</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>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.01 ML/M3 (PPM); 0.075 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.02 ML/M3 (PPM); 0.15 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO TETRAETHYL LEAD AS PB.</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 : Tetraethyl Lead

TECS Number : TP4550000

CAS Number : 78-00-2

Reg Type Subject Spec. Description Level / Summary Information :

Reg	Type	Subject	Spec.	Description	Level / Summary Information
U	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 ADAQUATE 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>
U	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 (BENZINBLEIGESSETZ)</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>
U	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>
C	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 (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 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>
C	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>

Common Name : Tetraethyl Lead

RTECS Number : TP4550000

CAS Number : 78-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>FOR ANY INDUSTRIAL ACTIVITY, AND FOR THE ISOLATED STORAGE OF THIS SUBSTANCE IN QUANTITIES EQUAL TO OR GREATER THAN 5 TONNES, MANUFACTURERS MUST DEMONSTRATE TO THE HEALTH AND SAFETY EXECUTIVE THAT ANY MAJOR ACCIDENT HAZARDS HAVE BEEN IDENTIFIED AND THAT ADEQUATE STEPS HAVE BEEN TAKEN TO PREVENT OR LIMIT THE CONSEQUENCES OF A MAJOR ACCIDENT INVOLVING THIS DANGEROUS SUBSTANCE. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. FOR THE ISOLATED STORAGE OF QUANTITIES EQUAL TO OR GREATER THAN 50 TONNES, THE EXECUTIVE MUST ALSO BE INFORMED OF ALL RELEVANT INDUSTRIAL ACTIVITIES. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> 1992</p>
GBR	REG	SAFTY STORE	INDST	RQR RQR	<p>ANY INDUSTRIAL ACTIVITY INCLUDING ON-SITE STORAGE AND ON-SITE TRANSPORT INVOLVING OR LIABLE TO INVOLVE THIS SUBSTANCE (ALONE OR WITH OTHER LISTED DANGEROUS SUBSTANCES) IN A QUANTITY WHICH IS EQUAL TO OR MORE THAN 50 TONNES SHALL NOT BE UNDERTAKEN UNLESS THE MANUFACTURER HAS SUBMITTED A WRITTEN REPORT TO THE HEALTH AND SAFETY EXECUTIVE. AN ADEQUATE ON-SITE EMERGENCY PLAN DEALING WITH MAJOR ACCIDENTS SHALL BE PREPARED AND KEPT UP TO DATE BY THE MANUFACTURER. ANY SUCH ACCIDENT MUST BE REPORTED TO THE EXECUTIVE. THE LOCAL AUTHORITY SHALL PREPARE AND KEEP UP TO DATE AN OFF-SITE EMERGENCY PLAN. THE MANUFACTURER SHALL SUPPLY THE LOCAL POPULATION LIKELY TO BE AFFECTED BY A MAJOR ACCIDENT WITH APPROPRIATE INFORMATION. (THIS IS AN IMPLEMENTATION OF EC DIRECTIVE 88/610/EEC, AMENDING DIRECTIVE 82/501/EEC).</p> <p><u>Title :</u> THE CONTROL OF INDUSTRIAL MAJOR ACCIDENT HAZARDS REGULATIONS 1984</p> <p><u>Reference :</u> GBRSI*,1902,,,1984 <u>Effective Date :</u> 31DEC1990</p> <p><u>Last Amendment :</u> GBRSI*,2325,,,1990 <u>Entry / Update :</u> SEP1992</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.10 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>
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSIBILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSIBILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS. MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. FOR ISOLATED STORAGES, THE RESPONSIBILITIES UNDER ITEMS (A) TO (E) APPLY TO SUBSTANCE QUANTITY EXCEEDING OR EQUAL TO 5T.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
JPN	REC	AIR	OCC	MAC	<p>TWA: 0.075 MG/M3 (AS PB). 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 0.1 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>

Common Name : Tetraethyl Lead

RTECS Number : TP4550000

CAS Number : 78-00-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	GOODS	FUEL	MPC	0.7-1 G/L IN PETROL DESIGNATED "NOVA". PETROL OF GRADE "EXTRA" IS SUBSTANCE-FREE <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MEXAS*,,,,1983 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1983
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.005 MG/M3 (VAPOUR) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	AQ	SURF	MAC CLASS	0.0 MG/L (THE SUBSTANCE IS NOT ALLOWED TO ENTER SURFACE WATERS) 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
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.05 MG PB/M3; 15 MIN - STEL: 0.2 MG PB/M3. SKIN ABSORPTION <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
USA	REC	SAFTY USE	OCC OCC	MXL MXL	40 MG/M3 /TETRAETHYL LEAD (AS LEAD)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,208,1990 <u>Last Amendment :</u> XPHPAW,90,117,208,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 MG/M3, AS PB, 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=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>Last Amendment :</u> CFRUS*,40,355,,1990 <u>Effective Date :</u> 1987 <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>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Effective Date :</u> 1980 <u>Entry / Update :</u> JAN1992

Common Name : Tetraethyl Lead

RTECS Number : TP4550000

CAS Number : 78-00-2

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 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON DECK. FORBIDDEN IN PASSENGER VESSELS. VESSEL SHIPMENTS MUST BE, IF FLASH POINT IS 141 F OR LESS, SEGREGATED AS FOR FLAMMABLE LIQUIDS. 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> : FEREC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>10 (4.54) RELEASES OF THIS HAZARDOUS SUBSTANCE. IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990</p> <p><u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991</p>
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>

Common Name : Tetramethrin

RTECS Number : GZ1700000

CAS Number : 7696-12-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	USE	AGRIC CONSM	PRO RSTR	USE NOT AUTHORIZED IN AGRICULTURE. MAXIMUM CONCENTRATION OF THE ACTIVE SUBSTANCE AUTHORIZED FOR SALE AND USE AS INSECTICIDE IN DOMESTIC SANITATION: 1-4% (WT/WT) AND 0.5% (WT/VOL). <u>Title :</u> SUBSTANCIAS COM ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference :</u> SBTAP*,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: SOLUTION; PRESSURIZED PRODUCT; EMULSIFIABLE CONCENTRATE OR EMULSION). APPLIES TO TETRAMETHRIN PLUS RELATED ACTIVE COMPOUNDS. CODE NEO. 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>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
RUS	REG	AQ	SURF	MAC CLASS	1.0 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE 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	AIR	OCC	MAC CLASS	CLV: 5.0 MG/M3 (AEROSOL) HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN SPECIFIC FOOD PRODUCTS ADI = 0.1 MG/KG (CALCULATED VALUE) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JAN1988 <u>Last Amendment :</u> MDUPP*,4540-87,,1987 <u>Entry / Update :</u> JUL1990

Common Name : **Tetramethyl Lead**RTECS Number : **TP4725000**CAS Number : **75-74-1**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 0.15 MG/M3 (CALCULATED AS PB). 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	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	AS PB - TWA: 0.15 MG/M3; SKIN ABSORPTION. NOTE: FOR CONTROL OF GENERAL ROOM AIR, BIOLOGICAL MONITORING IS ESSENTIAL FOR PERSONNEL CONTROL. 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> : CAGAAL,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986 <u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991
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	REC	AIR	OCC	MAK	8H-TWA: 0.01 ML/M3 (PPM); 0.075 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.02 ML/M3 (PPM); 0.15 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. VAPOUR PRESSURE: 3.0 KPA AT 20C. APPLIES TO TETRAMETHYL LEAD AS PB. <u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSTOFFTOLERANZWERTE) <u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992
DEU	REG	CLASS LABEL PACK	-	CLASS RQR 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 : Tetramethyl Lead

RTECS Number : TP4725000

CAS Number : 75-74-1

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 ADAQUATE 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	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>
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 (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	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>
IBR	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 : Tetramethyl Lead

RTECS Number : TP4725000

CAS Number : 75-74-1

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>
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 5T.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,,1989 <u>Effective Date :</u> 27NOV1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1992</p>
MEX	REG	AIR	OCC	MXL	<p>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 0.5 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 CONDITONS 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: 0.05 MG PB/M3; 15 MIN - STEL: 0.2 MG PB/M3. 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>40 MG/M3</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,210,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,210,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.15 MG/M3, AS PB, SKINTHIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>

Common Name : Tetramethyl Lead

RTECS Number : TP4725000

CAS Number : 75-74-1

Area Type Subject Spec. Description Level / Summary Information :

.SA	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>
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.SA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>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.</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>
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Common Name : **Thallium**RTECS Number : **XG3425000**CAS Number : **7440-28-0**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.1 MG/M3 (APPLIES TO SOLUBLE THALLIUM COMPOUNDS, CALCULATED AS TL). 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 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 THALLIUM 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>SOLUBLE COMPOUNDS, AS TL - 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	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO THALLIUM AND ITS COMPOUNDS EXPRESSED AS THALLIUM)</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: 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	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON (APPLIES TO THALLIUM AND ITS COMPOUNDS).</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	GOODS	-	PRO	<p>PROHIBITED IN COSMETICS (APPLIES TO THALLIUM 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 : **Thallium**

RTECS Number : **XG3425000**

CAS Number : **7440-28-0**

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. APPLIES TO SOLUBLE THALLIUM COMPOUNDS AS TL.</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	GRND	CLASS	<p>THALLIUM AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	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 THALLIUM AND INORGANIC THALLIUM COMPOUNDS AS COMPONENTS OF DUST PRECIPITATION: IW1 = 10 UG/M2 PER DAY. CALCULATED AS THALLIUM. 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 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 THALLIUM OR ITS COMPOUNDS ARE PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THALLIUM OR ITS COMPOUNDS CAUSE A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THALLIUM OR ITS COMPOUNDS ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
DEU	REG	AIR	EMI	MPC	<p>IN AIR EMISSIONS THE 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>

Common Name : **Thallium**RTECS Number : **XG3425000**CAS Number : **7440-28-0**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+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28). DANGER OF CUMULATIVE EFFECTS (R 33). LABEL: T+ - VERY TOXIC; VERY TOXIC BY INHALATION AND IF SWALLOWED (R 26/28); 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); IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE) (S 45). APPLIES TO THALLIUM AND ITS COMPOUNDS. 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	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 THALLIUM AND THALLIUM COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE EXPRT IMPRT	-	RQR RQR RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'HAZARDOUS WASTE'. MEMBER STATES SHALL TAKE THE NECESSARY MEASURES FOR THE SUPERVISION AND CONTROL, WITH A VIEW TO HUMAN HEALTH AND THE ENVIRONMENT, OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE BOTH WITHIN AND IF ENTERING AND/OR LEAVING THE COMMUNITY. WHERE THE HOLDER OF SUCH WASTE INTENDS TO HAVE IT SHIPPED INTO, THROUGH OR FROM ONE TO ANOTHER MEMBER STATE HE SHALL NOTIFY THE COMPETENT AUTHORITIES THROUGH A CONSIGNMENT NOTE. HE MUST PROVIDE SATISFACTORY INFORMATION IN PARTICULAR ON: 1) THE SOURCE AND COMPOSITION 2) PROVISIONS MADE FOR ROUTES AND INSURANCES 3) MEASURES TO ENSURE SAFE TRANSPORT 4) CONTRACTUAL AGREEMENT WITH THE CONSIGNEE OF THE WASTE. THE HAZARDOUS WASTE MUST A) BE PROPERLY PACKED B) HAVE APPROPRIATE LABELS INDICATING NATURE, COMPOSITION, QUANTITY AND TELEPHONE NUMBERS OF PERSONS FROM WHOM INSTRUCTIONS CAN BE OBTAINED C) INSTRUCTIONS TO BE FOLLOWED IN THE EVENT OF DANGER OR ACCIDENT. (WASTE FROM NON-FERROUS METALS WHICH IS INTENDED FOR REUSE, RECYCLING OR REGENERATION IS EXEMPT FROM THE PROVISIONS PROVIDED THE HOLDER MAKES A DECLARATION WHICH MUST ACCOMPANY THE SHIPMENT AND OF WHICH A COPY IS SENT TO THE COMPETENT AUTHORITIES).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 6 DECEMBER 1984 ON THE SUPERVISION AND CONTROL WITHIN THE EUROPEAN COMMUNITY OF THE TRANSFRONTIER SHIPMENT OF HAZARDOUS WASTE. (84/631/EEC).</p> <p><u>Reference</u> : OJEC**,L326,,31,1984 <u>Effective Date</u> : 01JAN1987</p> <p><u>Last Amendment</u> : OJEC**,L48,,31,1987 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE	-	RQR	<p>WASTE CONTAINING OR CONTAMINATED BY THIS SUBSTANCE OR ITS COMPOUNDS IS CLASSIFIED AS 'TOXIC AND DANGEROUS WASTE'. MEMBER STATES SHALL: 1) ENCOURAGE THE REUSE OF SUCH WASTE; 2) ENSURE THAT SUCH WASTE IS DISPOSED OF WITHOUT ENDANGERING HUMAN HEALTH OR HARMING THE ENVIRONMENT; 3) PROHIBIT THE ABANDONMENT AND UNCONTROLLED DISCHARGE, TIPPING, OR CARRIAGE OF SUCH WASTE AS WELL AS ITS CONSIGNMENT TO OTHER UNDERTAKINGS THAN THOSE WHICH HAVE A PERMIT FOR STORAGE, TREATMENT AND/OR DEPOSIT OF SUCH WASTE; 4) ESTABLISH COMPETENT AUTHORITIES TO BE RESPONSIBLE FOR THE PLANNING, ORGANISATION, AUTHORISATION AND SUPERVISION OF THE DISPOSAL OF SUCH WASTE; 5) ENSURE THAT SUCH WASTE, WHERE NECESSARY, IS KEPT SEPARATELY FROM OTHER MATTER, IS APPROPRIATELY LABELLED INDICATING ITS NATURE, COMPOSITION AND QUANTITY, IS RECORDED AND IDENTIFIED IN RESPECT OF EACH SITE WHERE IT IS OR HAS BEEN DEPOSITED. THE COMPETENT AUTHORITIES SHALL DRAW UP PLANS FOR THE DISPOSAL OF SUCH WASTE AND MAKE THOSE PLANS PUBLIC. (DIRECTIVE 91/689/EEC REPLACES THIS DIRECTIVE AS OF 12 DEC 1993).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 20 MARCH 1978 ON TOXIC AND DANGEROUS WASTE. (78/319/EEC).</p> <p><u>Reference</u> : OJEC**,L84,,43,1978 <u>Effective Date</u> : 31MCH1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>

Common Name : **Thallium**RTECS Number : **XG3425000**CAS Number : **7440-28-0**Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	FOOD	ADDIT	MXL	NO DETECTABLE QUANTITIES OF THIS SUBSTANCE MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. <u>Title</u> : COUNCIL DIRECTIVE ON THE APPROXIMATION OF THE RULES OF THE MEMBER STATES CONCERNING THE COLOURING MATTERS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. <u>Reference</u> : OJEC**,115,,2645/62,1962 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L43,,11,1981 <u>Entry / Update</u> : FEB1986
EEC	REG	AQ	EMI	RSTR	MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION IN WHICH EMISSION STANDARDS SHALL BE LAID DOWN BY THE COMPETENT AUTHORITY.(APPLIES TO THE ELEMENT AND ITS COMPOUNDS) <u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC) <u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987
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 SALTS OF THALLIUM) (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	AIR	EMI	RSTR	THALLIUM 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. <u>Title</u> : THE HEALTH AND SAFETY (EMISSIONS INTO THE ATMOSPHERE) REGULATIONS 1983 <u>Reference</u> : GBRSI*,943,,14,1983 <u>Effective Date</u> : 05AUG1983 <u>Last Amendment</u> : GBRSI*,319,,2,1989 <u>Entry / Update</u> : 1992
GBR	REG	WASTE		RQR	ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THE SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING THALLIUM AND THALLIUM COMPOUNDS. <u>Title</u> : THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980 <u>Reference</u> : GBRSI*,1709,,1980 <u>Effective Date</u> : 16MCH1981 <u>Last Amendment</u> : <u>Entry / Update</u> : JAN1986
GBR	REG	AIR	OCC	OES	FOR SOLUBLE THALLIUM COMPOUNDS, AS TL: 8H-TWA:0.1 MG/M3. SKIN ABSORPTION. <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
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 THALLIUM SALTS) (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 : **Thallium**RTECS Number : **XG3425000**CAS Number : **7440-28-0**Area Type Subject Spec. Description Level / Summary Information :

GBR	REG	MANUF AIR AQ	INDST EMI EMI	RQR RSTR RSTR	THE PRODUCTION OF THALLIUM OR OF ANY COMPOUND CONTAINING IT, WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference :</u> GBRSI*,472,,1991 <u>Last Amendment :</u>	<u>Effective Date :</u> 01APR1991 <u>Entry / Update :</u> 1992
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1707. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990	<u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: ACCORDING TO TOXICITY CRITERIA(APPLIES TO THALLIUM COMPOUNDS). <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. (APPLIES TO THALLIUM AND ITS COMPOUNDS) <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	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 TL) 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
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. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,,1984 <u>Last Amendment :</u> DOMEX*,,,,1989	<u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991

Common Name : **Thallium**

RTECS Number : **XG3425000**

CAS Number : **7440-28-0**

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AQ	SURF	MAC CLASS	0.0001 MG/L (APPLIES TO THALLIUM AND ITS INORGANIC COMPOUND, CALCULATED AS THALLIUM) 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.1707. <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: ACCORDING TO TOXICITY CRITERIA(APPLIES TO THALLIUM COMPOUNDS). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
UN	REG	WASTE EXPR IMPRT		RSTR RQR RQR	WASTES HAVING AS CONSTITUENTS THALLIUM AND THALLIUM 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	SAFTY USE	OCC OCC	MXL MXL	20 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,170,1990 <u>Last Amendment :</u> XPHPAW,90,117,170,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.1 MG/M3, SKIN /SOL CMPDS, AS TL/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,11,1989 <u>Last Amendment :</u> ACGIH*,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. (APPLIES TO THALLIUM (TOTAL)) <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> SEP1991

Common Name : **Thallium (I) Chloride**RTECS Number : **XG4200000**CAS Number : **7791-12-0**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>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>20 MG/M3 /THALLIUM, SOLUBLE COMPOUNDS (AS TL)/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,212,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,212,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=100/10,000 RQ=100 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title :</u> SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference :</u> 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	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> 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 : Thiabendazole

RTECS Number : DE0700000

CAS Number : 148-79-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE CLASS	-	AL AGRIC PRMT CONSM PRO CLASS CLASS	SPECIFIED PLANT PRODUCTS: 0.1-10 MG/KG; SECURITY INTERVAL: VARIABLE; 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	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.4-10 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. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 03FEB1977 <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, RESTRICTED USE AS FUNGICIDE (AGRICULTURAL); MATERIAL PRESERVATIVE. (FORMULATION: SOLUTION; SUSPENSION; DUST OR POWDER). CODE TZL. 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	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.4-10.0 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	-	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 WASSERGEFAHRDENE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 4.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG EXCEPT BANANAS AND CITRUS FRUITS. <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 : Thiabendazole

RTECS Number : DE0700000

CAS Number : 148-79-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN 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,,1891,1991 <u>Effective Date :</u> 01SEP1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
EEC	REG	FOOD	ADDIT	PRMT	<p>THIABENDAZOLE (E233) MAY UNDER CERTAIN CONDITIONS, AND ON CITRUS FRUITS AND BANANAS 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>
F/W	REC	FOOD FOOD	-	ADI MRL	<p>ADI: 0.3 MG/KG BW; MRL: APPLES, CITRUS FRUIT, PEARS, SUGAR BEET TOPS: 10 MG/KG; POTATOES (WASHED), SUGAR BEETS, SUGAR BEET PULP: 5 MG/KG; BANANAS, STRAWBERRIES: 3 MG/KG; TOMATOES: 2 MG/KG; SUGAR BET MOLASSES: 1 MG/KG; BANANAS (PULP): 0.4 MG/KG; CEREAL GRAINS: 0.2 MG/KG; CARCASS MEAT AND MEAT PRODUCTS OF CATTLE, GOATS, HORSES, PIGS AND SHEEP, MILK, ONIONS: 0.1 MG/KG (EXPRESSED AS THIABENDAZOLE, OR, IN CASE OF ANIMAL PRODUCTS, AS SUM OF THIABENDAZOLE AND 5-HYDROXYTHIABENDAZOLE)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> FAOCA*,XIII,,65-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>
GBR	REG	USE	PESTI	PRMT	<p>APPROVED FOR APPLICATION BY 'ULV' MACHINES. SPECIFIC USES ARE LISTED</p> <p><u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983</p> <p><u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1983</p>
GBR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 5 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	FOOD LABEL	ADDIT ADDIT	PRMT RQR	<p>PERMITTED FOOD PRESERVATIVE (E233) WHEN SATISFYING THE PURITY CRITERIA CONTAINED IN THE EC DIRECTIVE 65/66/EEC (SUBSEQUENTLY AMENDED BY 76/463/EEC). WHEN SOLD AS A FOOD PRESERVATIVE THE CONTAINER MUST BE LABELLED IN ACCORDANCE WITH SCHEDULE 3 OF THE REGULATIONS. PRESCRIBED LIMIT WHEN USED INDIVIDUALLY OR IN AN ADMIXTURE WITH OTHER PERMITTED FOOD PRESERVATIVES IN THE RANGE 3-10MG/KG. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 64/54/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>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIFIED FOOD PRODUCTS: 0.4-6.0 MG/KG.</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>

Common Name : Thiabendazole

RTECS Number : DE0700000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05-0.1 MG/KG; ADI = 0.002 MG/KG (CALCULATED VALUE) <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : MDUPP*,4540-87,,,1987 <u>Effective Date</u> : JAN1988 <u>Entry / Update</u> : JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : SCHSB*,1986-90,,,1987 <u>Effective Date</u> : 1JAN1986 <u>Entry / Update</u> : NOV1987
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : SCHSB*,1986-90,,,1987 <u>Effective Date</u> : 1JAN1986 <u>Entry / Update</u> : NOV1987
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: 0.4-10 MG/KG <u>Title</u> : THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference</u> : SLVFS*,1983:1,,,1983 <u>Last Amendment</u> : SLVFS*,1989:29,,,1989 <u>Effective Date</u> : 01JAN1990 <u>Entry / Update</u> : 1992
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME THIABENDAZOLE, AND SALTS THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference</u> : FEREAC,54,100,22706,1989 <u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988 <u>Entry / Update</u> : JAN1992

Common Name : Thiofanox

RTECS Number :

CAS Number : 39196-18-4

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*,1,290,1990 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	USE	PESTI	RSTR	PLANT PROTECTANTS CONSISTING OF OR CONTAINING THE SUBSTANCE MAY NOT BE USED IN PROTECTED WATER AREAS AND MINERAL SPRING AREAS UNLESS THEY ARE MARKETED IN WEED STICKS, IN SPRAYERS READY FOR USE, OR AS STICKS OR PILLS FOR USE IN POTTED PLANTS. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. <u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1196,1988 <u>Effective Date</u> : 29MCH1991 <u>Last Amendment</u> : BGZBAD,,1,796,1991 <u>Entry / Update</u> : DEC1991
DEU	REG	FOOD	PESTI	MRL	CEREALS, SUGAR-BEETS: 0.05 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG. APPLIES TO THE SUM OF THIOFANOX, THIOFANOX SULFOXIDE AND THIOFANOX SULFONE, CALCULATED AS THIOFANOX. <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	SALE		RSTR	SALE OF THE POISON BY LISTED SELLERS IS RESTRICTED TO THE FORM OF PREPARATIONS FOR USE IN AGRICULTURE, HORTICULTURE OR FORESTRY. (GBRSI* 218.1,1,1982 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1986 <u>Last Amendment</u> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986
GBR	REG	SALE		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS 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* 218.1,1,1982 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	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. (GBRSI* 218.1,1,1982 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 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

Common Name : Thiofanox

RTECS Number :

CAS Number : 39196-18-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
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>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>TPQ=100/10,000 RQ=100 THE PRESENCE OF EXTREMELY HAZARDOUS SUBSTANCES IN EXCESS OF THE THRESHOLD PLANNING QUANTITY (TPQ), IN POUNDS, REQUIRES CERTAIN EMERGENCY PLANNING ACTIVITIES TO BE CONDUCTED. FOR CHEMICALS THAT ARE SOLIDS, THERE MAY BE TWO TPQ'S GIVEN. IN THESE CASES, THE LOWER QUANTITY APPLIES FOR SOLIDS IN POWDER FORM WITH PARTICLE SIZE LESS THAN 100 MICRONS, OR IF THE SUBSTANCE IS IN SOLUTION OR IN MOLTEN FORM. OTHERWISE, THE HIGHER QUANTITY APPLIES. THESE CHEMICALS ARE ALSO SUBJECT TO REGULATION UNDER SARA 304. RELEASES OF SUBSTANCES, IN QUANTITIES EQUAL TO OR GREATER THAN THEIR REPORTABLE QUANTITY (RQ), IN POUNDS, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980.</p> <p><u>Title</u> : SARA, SECTION 302(A) EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT; LIST OF EXTREMELY HAZARDOUS SUBSTANCES AND THEIR THRESHOLD PLANNING QUANTITIES</p> <p><u>Reference</u> : 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 : **Thiometon**RTECS Number : **TE4375000**CAS Number : **640-15-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.05-0.5 MG/KG; SECURITY INTERVAL: 30 DAYS; PROVISIONAL TOXICITY CLASS: II,III (DEPENDON 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	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
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 APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	PESTICIDE PREPARATIONS WHICH CONTAIN THIS SUBSTANCE ARE CLASSIFIED INTO CLASS 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
FW	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.003 MG/KG BW; MRL: HOPS (DRY): 2 MG/KG; APPLES, APRICOTS, BEANS, CABBAGE, CELERY, CHERRIES (SWEET), CHICORY, EGGPLANTS, ENDIVES, GRAPES, LETTUCE, PARSLEY, PEACHES, PEANUTS (WHOLE), PEARS, PEAS (GREEN IN POD), PEPPERS, PLUMS, QUINCES, STRAWBERRIES, TOMATOES: 0.5 MG/KG; COTTONSEED OIL, MAIZE (LEAVES,STALKS AND COBS), STRAW (GRAIN CROPS): 0.1 MG/KG; CARROTS, FODDER BEETS, FODDER BEET TOPS, MUSTARD SEED, POTATOES, RAPESEED, RAW CEREALS, SUGAR BEETS, SUGAR BEET TOPS: 0.05 (DETERMINED AS SUM OF THIOMETON, ITS SULPHOXIDE AND SULPHONE, EXPRESSED AS THIOMETON) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,76-IV,1986 <u>Entry / Update :</u> APR1991
FAO	REC	FOOD	-	MRL	HOPS (DRIED): 2 MG/KG; APPLES, APRICOTS, CABBAGE, CELERY, CHERRIES (SWEET), CHICORY, EGG PLANTS, ENDIVES, GRAPES, PEANUTS (WHOLE),PEACHES, PEARS, PARSLEY, PEAS (GREEN, INCLUDING PODS), PLUMS, QUINCES, STRAWBERRIES, BEANSLETTUCE, PEPPERS, TOMATOES: 0.5 MG/KG. COTTONSEED OIL, STRAW OF GRAIN CROPS: 0.1 MG/KG; CARROTS, FODDER BEETS, MUSTARD SEED, POTATOES, RAPE SEED, RAW CEREALS (INCLUDING MAIZE), SUGARBEET: 0.05 MG/KG. (LIMITS ARE FOR THE SUM OF THIOMETON, ITS SULPHOXIDE AND SULPHONE, EXPRESSED AS THIOMETON) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FPPDD,92,,56,1988 <u>Entry / Update :</u> JUL1990

Common Name : **Thiometon**RTECS Number : **TE4375000**CAS Number : **640-15-3**

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	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>Last Amendment :</u></p> <p><u>Effective Date :</u> 1APR1982</p> <p><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></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	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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u></p> <p><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></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	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>Last Amendment :</u></p> <p><u>Effective Date :</u></p> <p><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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</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->50%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 50-10% (SOLID) OR 50-5% (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>PROHIBITED 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**,,30MCH,1978</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> AUG1988</p>

Common Name : **Thiometon**RTECS Number : **TE4375000**CAS Number : **640-15-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	MAC	0.001 MG/M3 1X/D, 0.001 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.1 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	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.5 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
RUS	REG	USE MANUF	-	PRO PRO	PESTICIDE CURRENTLY BANNED FOR PRODUCTION AND USE <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> KGTXP*,,,1981 <u>Effective Date :</u> <u>Entry / Update :</u> NOV1982
RUS	REG	AQ	SURF	MAC CLASS	0.001MG/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	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.05-0.5 MG/KG (INCL THIOMETON, ITS SULFOXIDE, AND ITS SULFONE) <u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDEL. <u>Reference :</u> SLVFS*,1983:1,,,1983 <u>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->50%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 50-10% (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

Common Name : Thionazin

RTECS Number :

CAS Number : 297-97-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN 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	FOOD	PESTI	MRL	<p>SUGAR-BEETS: 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-HOCHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991</p>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN THIONAZIN 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>
GBR	REG	CLASS SALE		CLASS RSTR	<p>POISONOUS SUBSTANCE WHICH MAY NOT BE SOLD AS NON-MEDICAL POISON EXCEPT BY A PERSON LAWFULLY CONDUCTING A RETAIL PHARMACY BUSINESS OR BY A PERSON WHOSE NAME IS ENTERED IN A LOCAL AUTHORITY'S REGISTER.</p> <p><u>Title</u> : THE POISONS LIST ORDER 1982</p> <p><u>Reference</u> : GBRSI*,217,,1,1982 <u>Effective Date</u> : 1APR1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
GBR	REG	SALE 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	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>

Common Name : **Thionazin**

RTECS Number :

CAS Number : **297-97-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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>
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->70% A.I.; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 70->5% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 5-1% A.I. (SOLID) OR 5-0.5% 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>
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 REPNOSABILITIES 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>
UN	REC	TRNSP LABEL PACK		CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN 100->70% A.I.; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 70->5% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 5-1% A.I. (SOLID) OR 5-0.5% 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> MAY1986</p>

Common Name : **Thionazin**

RTECS Number :

CAS Number : **297-97-2**

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	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, 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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>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>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 : **Thionyl Chloride**RTECS Number : **XM5150000**CAS Number : **7719-09-7**Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	8H-TWA : 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,I,1,1979 <u>Effective Date :</u> 29MAY1991 <u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	PIN (PRODUCT IDENTIFICATION NO.): UN1836. CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 46, 56, 90. 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 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 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	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	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 : **Thionyl Chloride**RTECS Number : **XM5150000**CAS Number : **7719-09-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: REACTS VIOLENTLY WITH WATER (R 14). C - CORROSIVE; CAUSES BURNS (R 34). XI - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM (R 37). LABEL: C - CORROSIVE; REACTS VIOLENTLY WITH WATER (R 14); CAUSES BURNS (R 34); IRRITATING TO RESPIRATORY SYSTEM (R 37); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
GBR	REG	AIR	OCC	OES	<p>STEL (10 MIN-TWA): 5 MG/M3 (1 PPM).</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>
GBR	REG	TRNSP LABEL		CLASS RQR	<p>LABELLING OF ROAD TANKERS : CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE : 4WE</p> <p><u>Title</u> : HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978</p> <p><u>Reference</u> : GBRSI*,1702,,1978 <u>Effective Date</u> : 28MCH1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1836</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 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	OCC	MAC CLASS	<p>CLV: 0.3 MG/M3 (VAPOUR) HAZ. CLASS: II</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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1836</p> <p><u>Title</u> :</p> <p><u>Reference</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Effective Date</u> :</p> <p><u>Entry / Update</u> : AUG1990</p>

Common Name : Thionyl Chloride

RTECS Number : XM5150000

CAS Number : 7719-09-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	<p>CEILING LIMIT 1 PPM, 4.9 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	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 GALLON/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON DECK. VESSEL SHIPMENTS MUST BE KEPT DRY. 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.</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 : Thiophanate

RTECS Number : BA3650000

CAS Number : 23564-06-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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BRA	REG	FOOD	-	AL	<p>SPECIFIED PLANT PRODUCTS: 0.2 MG/KG (SAFETY INTERVAL : 7 DAYS)</p> <p><u>Title :</u> CATALOGO DOS DEFENSIVOS AGRICOLAS</p> <p><u>Reference :</u> CDABR*,2,,77,1980 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982</p>
USA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, THIOPHANATE-ETHYL, 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 : Thiophanate Methyl

RTECS Number : BA3675000

CAS Number : 23564-05-8

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-5 MG/KG; SECURITY INTERVAL: 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*,,,1,1984 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC USE AS FUNGICIDE (AGRICULTURAL). (FORMULATION: DUST OR POWDER; GRANULAR; WETTABLE POWDER). CODE TPM. 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 = 0.5-10 PPM OF BENOMYL, CARBENDAZIM AND THIOPHANATE METHYL. THESE LIMITS ARE PRESCRIBED BY THE FOOD AND DRUGS REGULATIONS WHICH FALL UNDER THE FOOD AND DRUGS ACT, ADMINISTERED BY THE DEPARTMENT OF NATIONAL HEALTH AND WELFARE. THE REGULATIONS PRESCRIBE STANDARDS OF COMPOSITION, STRENGTH, POTENCY, PURITY, QUALITY OR OTHER PROPERTY OF FOOD AND DRUG ARTICLES TO WHICH THEY REFER. THE REGULATIONS CLASSIFY A FOOD AS BEING ADULTERATED IF AN AGRICULTURAL CHEMICAL OR ANY OF ITS DERIVATIVES IS PRESENT THEREIN OR HAS BEEN ADDED THERETO IN AN AMOUNT EXCEEDING 0.1 PART PER MILLION, UNLESS IT IS LISTED IN ACCORDANCE WITH THE TABLES IN DIVISION 16. THE FOOD ITEM WILL BE EXEMPT IF THE AMOUNTS OF THE SUBSTANCES LISTED IN TABLES I, II AND III OF DIVISION 15 OF THE REGULATIONS PRESENT IN OR ADDED TO THE FOOD ITEM DO NOT EXCEED THE LEVELS LISTED IN THE TABLES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,11,,1990 <u>Effective Date :</u> 08MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference :</u> SPPOR*,,,290,1990 <u>Effective Date :</u> JAN1991 <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 7.0 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF BENOMYL, CARBENDAZIM AND THIOPHANATE METHYL; CALCULATED AS CARBENDAZIM. <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
F/W	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.08 MG/KG BW; MRL: CELERY: 20 MG/KG; CHERRIES, CITRUS FRUIT, GRAPES, PEACHES: 10 MG/KG; APPLES, CARROTS, CURRANTS (BLACK), GOOSEBERRIES, LETTUCE, PEARS, RASPBERRIES, STRAWBERRIES, SUGAR BEET TOPS, TOMATOES: 5 MG/KG; BEANS (BROAD, DWARF, FRENCH, KIDNEY, RUNNER), GHERKINS, PLUMS: 2 MG/KG; BANANAS, MUSHROOMS: 1 MG/KG; CUCUMBERS: 0.5 MG/KG; CEREAL GRAINS, CHICKEN (FAT, MEAT), ONIONS, SUGAR BEETS: 0.1 MG/KG (DETERMINED AS THIOPHANATE METHYL, EXPRESSED AS CARBENDAZIM) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1986 <u>Last Amendment :</u> FAOCA*,XIII,,77-IV,1986 <u>Entry / Update :</u> APR1991
GBR	REG	USE	PESTI	PRMT	APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983

Common Name : Thiophanate Methyl

EECS Number : BA3675000

CAS Number : 23564-05-8

Reg	Type	Subject	Spec.	Description	Level / Summary Information :
IR	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS AND PRODUCTS OF ANIMAL ORIGIN: 0.1-10.0 MG/KG FOOD (AS CARBENDAZIM). (APPLIES TO RESIDUES ARISING FROM THE USE OF BENOMYL, THIOPHANATE-METHYL AND CARBENDAZIM). THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 86/362/EEC AND 86/363/EEC.</p> <p><u>Title :</u> THE PESTICIDES (MAXIMUM RESIDUE LEVELS IN FOOD) REGULATION 1988</p> <p><u>Reference :</u> GBRSI*,1378,,1988 <u>Effective Date :</u> 02AUG1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
S	REG	USE	AGRIC	RSTR	<p>SEVERELY RESTRICTED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: CARCINOGENIC. METABOLIZED TO BMC. (EXTENSION OF CURRENT AREAS OF USE IS PROHIBITED)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> OSUMH*,,,,1981 <u>Entry / Update :</u> AUG1988</p>
S	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>
S	REG	AIR	OCC	PSL	<p>1.5 MG/M3 (AEROSOL).</p> <p><u>Title :</u> TENTATIVE SAFE EXPOSURE LEVELS OF HARMFUL SUBSTANCES IN OCCUPATIONAL AIR</p> <p><u>Reference :</u> OBUVR*,5203-90,,1-13,1990 <u>Effective Date :</u> 07DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
S	REG	FOOD	-	PRO MRL ADI	<p>PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.5-1.0 MG/KG; ADI = 0.08 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>
S	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>
S	REG	AIR	OCC	PSL	<p>1.5 MG/M3 (AEROSOL)</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 00APR1988</p> <p><u>Last Amendment :</u> OBUVR*,4613-88,,1988 <u>Entry / Update :</u> MAY1990</p>
IE	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. DISAPPROVED FOR USE IN HOME GARDENS 1982. SEVERLY RESTRICTED AND REASSIGNED TO CLASS 1. 1988</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> ** 1988</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>

Common Name : Thiophanate Methyl

RTECS Number : BA3675000

CAS Number : 23564-05-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
USA	REG	CLASS	PESTI	RQR	CASE NAME THIOPHANATE-METHYL; 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>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992
		MANUF	PESTI	PRMT	
		FOOD	ADDIT	RQR	
		AQ	GRND	RQR	
		SAFTY	OCC	RQR	

Common Name : **Thiram**TECS Number : **JO1400000**CAS Number : **137-26-8**

Area Type Subject Spec, Description Level / Summary Information :

RG	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
RG	REG	FOOD	-	MXL	PLANT 7 MG/KG; BANANA PULP 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
RG	REG	AIR	OCC	MPC	8H-TWA: 5 MG/M3. (SUBMITTED FOR MODIFICATION). <u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK) <u>Reference :</u> ARGOB*,24170,,1,1,1979 <u>Last Amendment :</u> ARGOB*,27145,,1,4,1991	<u>Effective Date :</u> 29MAY1991 <u>Entry / Update :</u> OCT1991
RA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.5-7 MG/KG; SECURITY INTERVAL: 7-14 DAYS; TOBACCO: 0.5 MG/KG; SECURITY INTERVAL: 14 DAYS PROVISIONAL TOXICITY CLASS: II,III (DEPENDING ON FORMULATION) (I=MOST TOXIC,IV=LEAST TOXIC);USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC 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
AN	REG	AIR	OCC	TLV	TWA: 5 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Last Amendment :</u>	<u>Effective Date :</u> 13MCH1986 <u>Entry / Update :</u> MCH1991
AN	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>Last Amendment :</u>	<u>Effective Date :</u> 25NOV1976 <u>Entry / Update :</u> MAY1991
AN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER DITHIOCARBAMATE PESTICIDES, ETC. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Last Amendment :</u>	<u>Effective Date :</u> 06DEC1990 <u>Entry / Update :</u> OCT1991

Common Name : **Thiram**RTECS Number : **JO1400000**CAS Number : **137-26-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING, RESTRICTED, DOMESTIC USE AS ANIMAL REPELLENT; FUNGICIDE (AGRICULTURAL). (FORMULATION: SOLUTION; SUSPENSION; DUST OR POWDER; GRANULAR; WETTABLE POWDER; PELLET). CODE THI. 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>
CSK	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN.</p> <p><u>Title :</u> LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION</p> <p><u>Reference :</u> SPPOR*,290,1990 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. NO RESIDUES ARE ALLOWED IN WATER EXTRACT OF THE FINAL PRODUCTS.</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	REC	AIR	OCC	MAK	<p>8H-TWA: 5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH, 30 MIN- STEL: 25 MG/M3; AVERAGE VALUE; 2X/SHIFT. PREGNANCY GROUP D: AVAILABLE DATA ARE NOT SUFFICIENT FOR A FINAL EVALUATION WITH REGARD TO EMBRYOTOXIC AND/OR FETOTOXIC EFFECTS. REACTION OF THIRAM 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 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	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,,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 : **Thiram**RTECS Number : **JO1400000**CAS Number : **137-26-8**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,,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	CLASS: MUTA.CAT.3; POSSIBLE RISK OF IRREVERSIBLE EFFECTS (R 40). XN - HARMFUL. HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43). LABEL: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37); POSSIBLE RISK OF IRREVERSIBLE EFFECTS (R 40); MAY CAUSE SENSITIZATION BY SKIN CONTACT (R 43); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37).
<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	PLANT (GENERAL) : 3.0 MG/KG ; PLANT (SPECIFIED) : 3.8 MG/KG
<p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982</p>					
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.
<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	AIR	OCC	OES	8H-TWA: 5 MG/M3. STEL (10 MIN-TWA): 10 MG/M3
<p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>					
GBR	REG	USE	PESTI	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED
<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	SPECIFIED FOOD PRODUCTS: 0.5-7.0 MG/KG.
<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	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><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 : **Thiram**RTECS Number : **JO1400000**CAS Number : **137-26-8**Area Type Subject Spec. Description Level / Summary Information :

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	AIR	AMBI	MAC	0.01 MG/M3 1X/D; 0.006 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	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	AMBI	MAC	0.05 MG/M3 1X/D 0.02 MG/M3 AV/D <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,5158-89,,,1989 <u>Effective Date :</u> NOV1989 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE: USE STRICTLY LIMITED TO TREATMENT OF SEEDS AND SEEDLINGS REASONS FOR THE CONTROL ACTION: GONADOTOXIC, EMBRYOTOXIC, MUTAGENIC, TERATOGENIC & CARCINOGENIC, IMPAIRS REPRODUCTIVE PROCESSES. RECORDED CASES OF POISONING IN WORKERS AND CANCER OF THE NECK OF THE UTERUS; ALLERGENIC AND GOITROGENIC. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,, <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS. ADI = 0.005 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
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
SWE	REG	USE	PESTI	PRO	SUSPENDED DUE TO A COMBINATION OF SEVERAL TOXIC EFFECTS. <u>Title :</u> DECISION MADE BY THE NATIONAL CHEMICALS INSPECTORATE. ENLIGT BESLUT AV KEMIKLALJEINSPEKTIONEN <u>Reference :</u> KEMIB*,,,1991 <u>Effective Date :</u> ** 1991 <u>Last Amendment :</u> <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>Effective Date :</u> 01JAN1990 <u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Entry / Update :</u> 1992

Common Name : Thiram

RTECS Number : JO1400000

CAS Number : 137-26-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ISA	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>
ISA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>1500 MG/M3</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,212,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,212,1990 <u>Entry / Update</u> : OCT1991</p>
ISA	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>
ISA	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>
ISA	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>
ISA	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>
ISA	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 : Thiram

RTECS Number : JO1400000

CAS Number : 137-26-8

Area Type Subject Spec. Description Level / Summary Information :

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

Title : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.

Reference : FEREAC,54,34,7740,1989

Effective Date : 1988

Last Amendment : FEREAC,54,34,7740,1989

Entry / Update : JAN1992

Common Name : Tin

RTECS Number : XP7320000

CAS Number : 7440-31-5

Area Type Subject Spec. Description Level / Summary Information :

IRG	REG	AIR	OCC	MPC	<p>8H-TWA: 2 MG/M3 FOR METAL; 2 MG/M3 FOR INORGANIC COMPOUNDS AND OXIDE EXCEPT SNH4; 0.1 MG/M3 FOR ORGANIC COMPOUNDS. SKIN ABSORPTION. (ALL LIMITS ARE CALCULATED AS SN). (SUBMITTED FOR MODIFICATION).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
AN	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>
AN	REG	AIR	OCC	TLV	<p>TIN METAL - TWA: 2 MG/M3. OXIDE AND INORGANIC COMPOUNDS, EXCEPT SNH4, AS SN - TWA: 2 MG/M3. ORGANIC COMPOUNDS, AS SN - TWA: 0.1 MG/M3; SKIN ABSORPTION. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
AN	REG	FOOD LABEL SALE IMPR PACK	CONSM	MRL PRO AL	<p>TABLE I - TOLERANCE FOR CANNED FOODS: 250 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>
AN	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 TO TIN, 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 : Tin

RTECS Number : XP7320000

CAS Number : 7440-31-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FEED	-	MXL	<p>MXL: 100 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 25-300 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS)</p> <p><u>Title</u> : NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference</u> : SZCSR*,25,609,1987 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO TIN AND ITS COMPOUNDS EXPRESSED AS TIN)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 25.0-200 MG/KG (SPECIFIED FOOD PRODUCTS); 5-200 MG/KG (SPECIFIED BEVERAGES). (APPLIES TO TIN 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	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON. (APPLIES TO TIN ORGANIC COMPOUNDS EXCEPT BIS(TRIBUTYL)TIN) OXIDE WHICH IS 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>A) 8H-TWA: 2 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCES WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 4 MG/M3; AVERAGE VALUE; 4X/SHIFT. APPLIES TO INORGANIC TIN COMPOUNDS AS SN. B) 8H-TWA: 0.1 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCES WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <=2H. HALF-LIFE < 2H. 30 MIN- STEL: 0.2 MG/M3; AVERAGE VALUE; 4X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO ORGANIC TIN COMPOUNDS AS SN.</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	GRND	CLASS	<p>TIN AND ITS COMPOUNDS INCLUDING ORGANIC TIN COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference</u> : GMSMA6,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REG	SALE USE	-	RSTR RSTR	<p>ORGANIC TIN COMPOUNDS OR PREPARATIONS CONTAINING ORGANIC TIN COMPOUNDS MAY NOT BE MARKETED OR USED AS: 1) AS ANTIPOULING DYES FOR SHIPS WITH A TOTAL LENGTH OF LESS THAN 25 M; 2) SUBSTANCES OR PREPARATIONS 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 : Tin

RTECS Number : XP7320000

CAS Number : 7440-31-5

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	USE SALE LABEL	-	RSTR RSTR RQR	<p>ORGANOSTANNIC 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. SUCH SUBSTANCES AND PREPARATIONS MAY BE PLACED ON THE MARKET ONLY IN PACKAGINGS OF A CAPACITY EQUAL TO OR GREATER THAN 20 LITRES AND SOLD TO PROFESSIONAL USERS ONLY. THE PACKAGING OF SUCH PREPARATIONS SHALL BE LEGIBLE AND INDELIBLY MARKED AS FOLLOWS: "NOT TO BE USED ON BOATS OF AN OVERALL LENGTH OF LESS THAN 25 METRES OR ON ANY APPLIANCES OR EQUIPMENT USED IN FISH OR SHELLFISH FARMING."</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC).</p> <p><u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE	-	RQR	<p>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 TIN 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	AIR	OCC	ILV	<p>2 MG/M3 OF AIR AT 20 C AND 101,3 KPA (760 MM HG); THE LIMIT VALUE, EXPRESSED AS TIN, IS MEASURED OR CALCULATED IN RELATION TO A REFERENCE PERIOD OF EIGHT HOURS. EXISTING SCIENTIFIC DATA ON HEALTH EFFECTS APPEAR TO BE PARTICULARLY LIMITED. (APPLIES TO INORGANIC TIN COMPOUNDS).</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 MAY 1991 ON ESTABLISHING INDICATIVE LIMIT VALUES BY IMPLEMENTING COUNCIL DIRECTIVE 80/1107/EEC ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CHEMICAL, PHYSICAL AND BIOLOGICAL AGENTS AT WORK (91/322/EEC).</p> <p><u>Reference</u> : OJEC**,L177,,22,1991 <u>Effective Date</u> : 31DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO ELIMINATE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST I). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND THE AUTHORIZATION SHALL LAY DOWN EMISSION STANDARDS. MEMBER STATES SHALL APPLY A SYSTEM OF ZERO-EMISSION TO DISCHARGES INTO GROUND WATER. (APPLIES TO ORGANOTIN 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>

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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	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, ORGANOTIN COMPOUNDS AND SUBSTANCES WHICH MAY FORM ORGANOTIN COMPOUNDS, EXCEPT THOSE WHICH ARE, OR ARE RAPIDLY CONVERTED INTO, BIOLOGICALLY HARMLESS SUBSTANCES.</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	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO PREVENT THE INTRODUCTION OF ORGANOTIN COMPOUNDS INTO GROUNDWATER BY: A) PROHIBITING ALL DIRECT DISCHARGES; B) SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGES; C) TAKING ALL APPROPRIATE MEASURES DEEMED NECESSARY TO PREVENT ANY INDIRECT DISCHARGE.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
FW	REC	FOOD	-	ADI	<p>PROVISIONAL TOLERABLE WEEKLY INTAKE: 14 MG/KG BW (INCLUDES TIN RESULTING FROM FOOD ADDITIVE USES)</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	-	AWI	<p>14.0 MG/KG BW (PROVISIONAL TOLERABLE WEEKLY INTAKE, IT INCLUDES TIN RESULTING FROM FOOD ADDITIVE USES).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : WHOTAC,776,,47,1989 <u>Entry / Update</u> : JUL1990</p>
GBR	REG	AIR	EMI	RSTR	<p>TIN 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	SALE GOODS		PRO PRO	<p>SALE AND SUPPLY OF ANTI-FOULING PAINTS AND TREATMENTS CONTAINING TRI-ORGANOTIN COMPOUNDS ARE PROHIBITED.</p> <p><u>Title</u> : THE CONTROL OF POLLUTION (ANTI-FOULING PAINTS AND TREATMENTS) REGULATIONS 1987</p> <p><u>Reference</u> : GBRSI*,783,,1987 <u>Effective Date</u> : 28MAY1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>A) FOR INORGANIC TIN COMPOUNDS EXCEPT SNH4, AS SN: 8H-TWA: 2 MG/M3; STEL (10 MIN-TWA): 4 MG/M3. B) FOR ORGANIC TIN COMPOUNDS EXCEPT CYHEXATIN, AS SN: 8H-TWA: 0.1 MG/M3; STEL (10MI-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>

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GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE APPLICATION OR REMOVAL OF A COATING MATERIAL CONTAINING ONE OR MORE TRIBUTYLTIN COMPOUNDS OR TRIPHENYLTIN COMPOUNDS, IF CARRIED OUT AT A SHIPYARD OR BOATYARD WHERE VESSELS OF A LENGTH OF 25 METRES OR MORE CAN BE BUILT OR MAINTAINED OR REPAIRED 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 MANUF	EMI INDST	PRO RSTR	<p>TRIBUTYLTIN COMPOUNDS AND TRIPHENYLTIN COMPOUNDS ARE PRESCRIBED SUBSTANCES (RED LIST): RELEASE OF PRESCRIBED SUBSTANCES INTO WATER IS PROHIBITED OR RESTRICTED. AUTHORISATION, SUBJECT TO LOCAL CONTROL, IS REQUIRED WHERE RELEASE 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>
MO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP ACCORDING TO TOXICITY AND FLAM MABILITY CRITERIA. (APPLIES TO ORGANOTIN 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>
MO	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 ORGANOTIN PESTICIDES, LIQUID, TOXIC). UN NO. 3020</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>
MO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK LABEL: FLAMMABLE LIQUID. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER. (APPLIES TO ORGANOTIN PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASHPOINT BETWEEN 23C AND 61C). UN NO. 3019</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>
MO	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 SOLID, TOXIC ORGANOTIN PESTICIDES(UN NO. 2786) AND TO SOLID (UN NO. 3146) AND LIQUID (UN NO. 2788) ORGANOTIN COMPOUNDS).</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>
MO	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 ORGANOTIN PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASHPOINT < 23 C). UN NO. 2787</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>

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JPN	REG	GOODS	CONSM	MXL	TRIPHENYL TIN AND TRIBUTYL TIN COMPOUNDS SHOULD NOT BE DETECTED (MEASURED BY FLAMELESS ATOMIC ABSORPTION SPECTROMETRY OR THIN-LAYER CHROMATOGRAPHY) IN TEXTILE PRODUCTS (DIAPERS, DIAPER COVER, BIBS, UNDERWEAR, SANITARY PANTIES, GLOVES AND HOSIERY), IN ADHESIVES, PAINT AND WAX FOR HOUSEHOLD USE, AND SHOE POLISH. <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> 01APR1980 <u>Entry / Update :</u> NOV1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE TIN COMPOUND IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2 MG/M3 FOR INORGANIC TIN COMPOUNDS AND 0.1 MG/M3 FOR ORGANIC TIN COMPOUNDS MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 4 MG/M3 FOR INORGANIC TIN COMPOUNDS AND 0.2 MG/M3 FOR ORGANIC TIN COMPOUNDS FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. (APPLIES TO INORGANIC COMPOUNDS) <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	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 200 MG/KG; MEAT PRODUCTS: 200 MG/KG; MILK PRODUCTS: 200 MG/KG; VEGETABLES, FRUIT: 200 MG/KG; (APPLIES TO TIN AND ITS COMPOUNDS, CALCULATED AS TIN) <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	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 200 MG/KG; MEAT PRODUCTS: 200 MG/KG; MILK PRODUCTS: 200 MG/KG; VEGETABLES, FRUIT: 200 MG/KG; (APPLIES TO TIN AND ITS COMPOUNDS, CALCULATED AS TIN) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKMP*,4089-86,,,1986 <u>Effective Date :</u> APR1986 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.1 MG/M3; 15 MIN - STEL: 0.2 MG/M3. SKIN ABSORPTION. (APPLIES TO ORGANIC TIN COMPOUNDS, CALCULATED AS SN). <u>Title :</u> HYGIENIC LIMIT VALUES. <u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Last Amendment :</u> <u>Effective Date :</u> 01JUL1991 <u>Entry / Update :</u> 1992
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. (APPLIES TO ORGANOTIN PESTICIDES, LIQUID, TOXIC). UN NO. 3020 <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 SOLID, TOXIC ORGANOTIN PESTICIDES(UN NO.2786) AND TO SOLID (UN NO.3146) AND LIQUID (UN NO.2788) ORGANOTIN COMPOUNDS). <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: 3 = INFLAMMABLE LIQUID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE).(APPLIES TO ORGANOTIN PESTICIDES, LIQUID, FLAMMABLE, TOXIC, FLASH POINT < 23C). UN NO.2787. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1986

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UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID. (APPLIES TO ORGANOTIN PESTICIDES, LIQUID, TOXIC, FLAMMABLE, FLASH POINT NOT LESS THAN 23C). UN NO. 3019
					<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,90,117,212,1990
					<u>Effective Date :</u> JUN1990
					<u>Last Amendment :</u> XPHPAW,90,117,212,1990
					<u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 2 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.
					<u>Title :</u> THRESHOLD LIMIT VALUES
					<u>Reference :</u> ACGIH*,11,1989
					<u>Effective Date :</u> 1989
					<u>Last Amendment :</u> ACGIH*,11,1991
					<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>Effective Date :</u> 1987
					<u>Last Amendment :</u> CFRUS*,40,264,,1990
					<u>Entry / Update :</u> SEP1991
WHO	REC	AQ	DRINK	GL	NO ADEQUATE DATA TO RECOMMEND A HEALTH-BASED GUIDELINE VALUE. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. (APPLIES TO DIALKYL TIN COMPOUNDS)
					<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 : **Titanium**

RTECS Number :

CAS Number : **7440-32-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>DRY. (A) MECHANICALLY PRODUCED, PARTICLE SIZE BETWEEN 3 AND 53 MICROMETRES; (B) CHEMICALLY PRODUCED, PARTICLE SIZE BETWEEN 10 AND 840 MICROMETRES. PIN (PRODUCT IDENTIFICATION NO.): UN2546. CLASS (4.2): SPONTANEOUS COMBUSTIBLE. SPECIAL PROVISIONS: 46, 48, 56, 64, 99. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF 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 TITANIUM POWDER)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>WETTED WITH NOT LESS THAN 25% WATER. (A VISIBLE EXCESS OF WATER MUST BE PRESENT) (A) MECHANICALLY PRODUCED, PARTICLE SIZE LESS THAN 53 MICROMETRES; (B) CHEMICALLY PRODUCED, PARTICLE SIZE LESS THAN 840 MICROMETRES. PIN (PRODUCT IDENTIFICATION NO.): UN1352. CLASS (4.1): FLAMMABLE SOLID. SPECIAL PROVISIONS: 46, 48, 56, 99. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF 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 TITANIUM POWDER)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>SPONGE GRANULES OR SPONGE POWDER. PIN (PRODUCT IDENTIFICATION NO.): UN2878. CLASS (4.1): FLAMMABLE SOLID. SPECIAL PROVISIONS: 46, 99. 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.</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	GRND	CLASS	<p>TITANIUM AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAHRDENE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference :</u> OJEC**,L20,,43,1980 <u>Effective Date :</u> 26JAN1982</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1986</p>

Common Name : **Titanium**

RETECS Number :

CAS Number : **7440-32-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EC	REG	WASTE SOIL MONIT	- - METHD	RQR RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED (STORED OR DUMPED) ONTO LAND OR INJECTED INTO SOIL, MEMBER STATES MUST IF THE CHLORINE PROCESS IS USED, MANDATORILY REQUIRE THE MONITORING OF TI 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>
EC	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 TI IN NON-FILTERED SEA WATER AT LEAST 3X/YEAR AND IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR TI IN FILTERED SEA WATER AND IN SUSPENDED SOLIDS AT LEAST 3X/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>
EC	REG	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS).</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference :</u> OJEC** ,L129,,23,1976 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1987</p>
EC	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 TI IN NON-FILTERED WATER AT LEAST 3X/YEAR AND IN SEDIMENTS AND LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR TI IN FILTERED WATER AND IN SUSPENDED SOLIDS AT LEAST 3X/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>
10	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.1 = INFLAMMABLE SOLID. PACKING GROUP: II = MEDIUM DANGER (I = GREAT DANGER - III = MINOR DANGER). (APPLIES TO TITANIUM POWDER, WETTED WITH NOT LESS THAN 25% WATER. A VISIBLE EXCESS OF WATER MUST BE PRESENT. PARTICLE SIZES SPECIFIED). UN NO. 1352.</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>
10	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. PACKING GROUP: I/II/III = GREAT DANGER/MEDIUM DANGER/MINOR DANGER). (APPLIES TO TITANIUM, POWDER, DRY). UN NO. 2546</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>
10	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: = 4.1 = INFLAMMABLE SOLID PACKING GROUP: III = MINOR DANGER (I = GREAT DANGER - III = MINOR DANGER) (APPLIES TO TITANIUM SPONGE GRANULES OR SPONGE POWDERS) UN NO.2878</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 : Titanium

RTECS Number :

CAS Number : 7440-32-6

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AQ	SURF	MAC CLASS	0.1 MG/L (APPLIES TO TITANIUM AND ITS INORGANIC COMPOUNDS. CALCULATED AS TITANIUM) HAZARD CLASS: III			
					<u>Title :</u>			
					<u>Reference :</u>		<u>Effective Date :</u>	1JAN1989
					<u>Last Amendment :</u>	SPNPV*,4630-88,,1988	<u>Entry / Update :</u>	JUL1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 10.0 MG/M3 (AEROSOL) (APPLIES ALSO TO TIO2)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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.1 = INFLAMMABLE SOLID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO TITANIUM POWDER, WETTED WITH NOT LESS THAN 25% WATER. A VISIBLE EXCESS OF WATER MUST BE PRESENT. PARTICLE SIZES SPECIFIED). UN NO. 1352.			
					<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: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. (APPLIES TO DRY TITANIUM POWDER). UN NO. 2546			
					<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: = 4.1 = INFLAMMABLE SOLID PACKING GROUP: III = MINOR DANGER (I = GREAT DANGER - III = MINOR DANGER) (APPLIES TO TITANIUM SPONGE GRANULES OR SPONGE POWDERS) UN NO.2878			
					<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	DRY OR WET WITH LESS THAN 20% WATER: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 75 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DECK. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED FLAMMABLE SOLID. WET WITH 20% OR MORE WATER: FORBIDDEN IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 150 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO VESSELS ON AND BELOW DE CK. FORBIDDEN IN PASSENGER VESSELS. ALL SHIPMENTS MUST BE LABELED FLAMMABLE SOLID.THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. (APPLIES TO TITANIUM, METAL POWDER)			
					<u>Title :</u>	HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS		
					<u>Reference :</u>	CFRUS*,49,172,101,1984	<u>Effective Date :</u>	OCT1991
					<u>Last Amendment :</u>	CFRUS*,49,172,101,1990	<u>Entry / Update :</u>	NOV1991

Common Name : Titanium Dioxide

RTECS Number : XR2275000

CAS Number : 13463-67-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 10 MG/M3 (APPLIES TO TOTAL DUST WITHOUT ASBESTOS AND WITH A SILICA CONTENT OF <1%).</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	AIR	OCC	TLV	<p>NUISANCE PARTICULATE - TWA: 10 MG/M3 TOTAL DUST OR 5 MG/M3 RESPIRABLE DUST. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	FOOD 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,,1,1982 <u>Effective Date</u> : 1JAN1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 6 MG/M3. CALCULATED AS FINE DUST. FINE DUST IS DEFINED AS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSSSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EEC	REG	FOOD	ADDIT	PRMT	<p>SPECIFIC PURITY CRITERIA ARE REQUIRED FOR THE SUBSTANCE WHEN USED AS A COLOURING MATTER 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	ADDIT	PRMT	<p>THIS SUBSTANCE MAY BE ADDED AS A COLOURING MATTER TO 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	ADDIT	PRMT	<p>SINCE THE SUBSTANCE IS AUTHORIZED FOR USE AS A COLOURING MATTER IN FOODSTUFFS IT MAY ALSO BE ADDED AS SUCH TO FEEDING STUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES. LABELLING REQUIREMENTS ARE SPECIFIED IN OJEC L319.13,1984 FOR ADDITIVES, PREMIXTURES AND FEEDINGSTUFFS INCORPORATING THE ADDITIVES WHEN MARKETED.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1970 CONCERNING ADDITIVES IN ANIMAL FEEDINGSTUFFS (70/524/EEC).</p> <p><u>Reference</u> : OJEC**,L270,,1,1970 <u>Effective Date</u> : 1DEC1987</p> <p><u>Last Amendment</u> : OJEC**,L334,,62,1991 <u>Entry / Update</u> : SEP1987</p>

Common Name : Titanium Dioxide

RTECS Number : XR2275000

CAS Number : 13463-67-7

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
EEC	REG	WASTE MONIT	- METHD	RQR RQR	<p>WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO 1) AIR 2) SALT WATER 3) FRESH SURFACE WATER 4) ON LAND OR 5) INJECTED INTO SOIL THE FOLLOWING PARAMETERS SHOULD AMONG OTHERS. EITHER MANDATORILY OR OPTIONALLY (SEE EACH SPECIFIC SUBSTANCE FOR DETAILS), BE MONITORED IN VARIOUS MEDIA (E.G. AIR, WATER, SEDIMENTS, LIVING ORGANISMS). SULFUR DIOXIDE, CHLORINE, FE, TI, CR, CD, HG, V, MN, NI, ZN, CU, PB, HYDRATED IRON OXIDES AND HYDROXIDES, SO₄, CA PH (HYDROGEN CONC.), AND DISSOLVED OXYGEN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 3 DECEMBER 1982 ON PROCEDURES FOR THE SURVEILLANCE AND MONITORING OF ENVIRONMENTS CONCERNED BY WASTE FROM THE TITANIUM DIOXIDE INDUSTRY. (82/833/EEC).</p> <p><u>Reference</u> : OJEC*,L378,,1,1982 <u>Effective Date</u> : 01JAN1985</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 10 MG/M3 (TOTAL INHALABLE DUST). 8H-TWA: 5 MG/M3 (RESPIRABLE DUST).</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: 1.0 MG/M3 OF INHALABLE DUST TWA: 4 MG/M3 OF TOTAL DUST</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 COLOURING AGENT. 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> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : GSKEN*,40,,334,1978 <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 8.1 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 20 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	AIR	AMBI	PSL	<p>0,5 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 : 10.0 MG/M3 (AEROSOL) HAZARD CLASS: IV</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,1988 <u>Entry / Update</u> : MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 5 MG/M3.</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) 10 MG/M3; THE VALUE IS FOR TOTAL DUST CONTAINING NO ASBESTOS & <1% CRYSTALLINE SILICA. 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 : Titanium Dioxide

RTECS Number : XR2275000

CAS Number : 13463-67-7

Area Type Subject Spec. Description Level / Summary Information :

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
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Title : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVESReference : FEREAC,42,,14534,1977 Effective Date : 1977Last Amendment : CFRUS*,21,175,105,1988 Entry / Update : NOV1991

USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBSTANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988.
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Title : INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE.Reference : FEREAC,42,,14572,1977 Effective Date : 1977Last Amendment : CFRUS*,21,177,1200,1988 Entry / Update : NOV1991

Common Name : Titanium Tetrachloride

RTECS Number :

CAS Number : 7550-45-0

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1838. CLASS (8); CORROSIVE. SPECIAL PROVISIONS: 46, 90. 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 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	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 INCIDENCES (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: REACTS VIOLENTLY WITH WATER (R 14). C - CORROSIVE; CAUSES BURNS (R 34). XI - IRRITANT; IRRITATING TO EYES AND RESPIRATORY SYSTEM (R 36/37). LABEL: C - CORROSIVE; REACTS VIOLENTLY WITH WATER (R 14); CAUSES BURNS (R 34); IRRITATING TO EYES AND SKIN (R 36/37); KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE 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 : **Titanium Tetrachloride**

IRTECS Number :

CAS Number : **7550-45-0**

Area Type Subject Spec. Description Level / Summary Information :

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

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

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

MO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1838
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Title :

Reference : Effective Date :

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

US	REG	AIR	OCC	MAC CLASS	CLV : 1.0 MG/M3 (VAPOUR) (AS HCL) HAZARD CLASS: II
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Title :

Reference : Effective Date : 01JAN1989

Last Amendment : GOSTS*,12.1.005,,1988 Entry / Update : MAY1990

IN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1838
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Title :

Reference : Effective Date :

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

SA	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

SA	REG	AIR	EMI	RQR	FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED
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Title : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS

Reference : FEREAC,50,,46290,1985 Effective Date : 1985

Last Amendment : CFRUS*,40,61.1,1990 Entry / Update : SEP1991

SA	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.
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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 : Titanium Tetrachloride

RTECS Number :

CAS Number : 7550-45-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	TRNSP	-	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 DECK. VESSEL SHIPMENTS MUST BE KEPT DRY. 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.</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 : Titanium Trichloride

RTECS Number :

CAS Number : 7705-07-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2869. CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 46. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY 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 MIXTURES)</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>PYROPHORIC. PIN (PRODUCT IDENTIFICATION NO.): UN2441. CLASS (4.2): SPONTANEOUS COMBUSTIBLE; CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 46, 48. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ONA PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUSGOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY 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 TITANIUM TRICHLORIDE MIXTURES)</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. SUBSIDIARY RISK LABEL: CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER) (APPLIES TO PYROPHORIC TITANIUM TRICHLORIDE AND TO PYROPHORIC MIXTURES THEREOF). UN NO.2441</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO TITANIUM TRICHLORIDE MIXTURES, NON-PYROPHORIC). UN NO. 2869</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 : Titanium Trichloride

RTECS Number :

CAS Number : 7705-07-9

Area Type Subject Spec. Description Level / Summary Information :

UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. SUBSIDIARY RISK: 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER) (APPLIES TO PYROPHORIC TITANIUM TRICHLORIDE AND TO PYROPHORIC MIXTURES THEREOF). UN NO:2441 <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 TITANIUM TRICHLORIDE MIXTURES). UN NO. 2869 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1990

Common Name : o-Tolidine

RTECS Number : DD1225000

CAS Number : 119-93-7

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	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>
DEU	REC	AIR	OCC	MAK	<p>CARCINOGENIC WORKING MATERIAL PROVEN IN ANIMAL EXPERIMENTATION (GROUP IIIA2). NO MAK VALUE ESTABLISHED.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE 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 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: CARC.CAT.2; MAY CAUSE CANCER (R 45). XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: T - TOXIC; MAY CAUSE CANCER (R 45); HARMFUL IF SWALLOWED (R 22); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). APPLIES TO 3,3'-DIMETHYLBENZIDINE AND ITS SALTS. THE CHEMICAL NAME MUST BE STATED ON THE LABEL.</p> <p><u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992</p>

Common Name : o-Tolidine

RTECS Number : DD1225000

CAS Number : 119-93-7

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 3,3'-DIMETHYLBENZIDINE AND ITS SALTS.).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 28 JUNE 1990 ON THE PROTECTION OF WORKERS FROM THE RISKS RELATED TO EXPOSURE TO CARCINOGENS AT WORK (SIXTH INDIVIDUAL DIRECTIVE WITHIN THE MEANING OF ARTICLE 16(1) OF DIRECTIVE 89/391/EEC). (90/394/EEC).</p> <p><u>Reference</u> : OJEC**,196,,1,1990 <u>Effective Date</u> : 31DEC1992</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
GBR	REG	USE	INDST	RSTR	<p>CONTROLLED USE. USER TO TAKE ALL PRACTICABLE STEPS TO PREVENT THE RISK OF INHALING INGESTING OR OTHERWISE ABSORBING THE SUBSTANCES: STORAGE IN CLOSED RECEPTACLE LEGIBLY MARKED;PROVISION OF CAUTIONARY CARD AND MEDICAL EXAMINATION FOR WORKERS. REASONS FOR THE CONTROL ACTION: CLASSIFIED AS CARCINOGENIC BY THE INTERNATIONAL AGENCY FORRESEARCH ON CANCER.</p> <p><u>Title</u> : THE EMPLOYMENT MEDICAL ADVISORY SERVICE (FACTORIES ACT ORDERS ETC AMENDMENT) ORDER 1973</p> <p><u>Reference</u> : GBRSI*,36,,,1973 <u>Effective Date</u> : 09DEC1967</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1985</p>
SWE	REG	AIR USE MANUF	OCC OCC	HLV PRO RSTR	<p>NO EXPOSURE LIMIT ESTABLISHED. CARCINOGENIC SUBSTANCE, GROUP B (= THE SUBSTANCE, ITS SALTS, AND PRODUCTS CONTAINING IT IN CONCENTRATIONS OF 1% OR MORE MAY BE HANDLED ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE LABOUR INSPECTORATE).</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
USA	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	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> : 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	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>

Common Name : o-Tolidine

RTECS Number : DD1225000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
ISA	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>
ISA	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>
ISA	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>
ISA	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 : Toluene

RTECS Number : XS5250000

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Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 375 MG/M3 (100 PPM), 15 MIN - STEL : 560 MG/M3 (150 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REC	AQ	DRINK	GL MAC	<p>AESTHETIC OBJECTIVE (AO) = < 0.024 MG/L. THE LEVELS ARE SET BY THE GUIDELINES FOR CANADIANDRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 100 PPM, 375 MG/M3; STEL: 150 PPM, 560 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.): UN1294. 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 : Toluene

RTECS Number : XS5250000

CAS Number : 108-88-3

Area Type Subject Spec. Description Level / Summary Information :

AN	REG	GOODS LABEL SALE IMPRT	CONSM	RQR PRO	IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA ADHESIVES, CLEANING SOLVENTS, THINNING AGENTS AND DIES CONTAINING TOLUENE OR ACETONE, WHEN SUCH 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 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
SK	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
SK	REG	AIR	OCC	MAC	TWA: 200.0 MG/M3; CLV: 1000.0 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
SK	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
EU	REC	AIR	OCC	MAK	8H-TWA: 100 ML/M3 (PPM); 380 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); 1900 MG/M3; AVERAGE VALUE; 2X/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. VAPOUR PRESSURE: 2.9 KPA AT 20C. <u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
EU	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
EU	REC	AIR	OCC	BAT	BLOOD: 1.7 MG/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 ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,99,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> FEB1992

Common Name : Toluene

RTECS Number : XS5250000

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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>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	FOOD FOOD FOOD	-	RQR MXL RSTR	<p>THE SUBSTANCE MAY BE USED FOR THE MANUFACTURE OF REGENERATED CELLULOSE FILM WHICH IS INTENDED TO OR DOES COME INTO CONTACT WITH FOODSTUFFS. IT MAY BY USED AS SOLVENT; MAXIMUM TOTAL QUANTITY OF ALL SOLVENTS: 0.6 MG/DM2 ON THE SIDE IN CONTACT WITH FOODSTUFFS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: 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); DO NOT EMPTY INTO DRAINS (S 29); TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES(S 33). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 12.5%: XN - HARMFUL; HARMFUL BY INHALATION (R 20).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL 1992</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, 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	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: 188 MG/M3 (50 PPM). STEL (10 MIN-TWA): 560 MG/M3 (150 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>

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MO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1294. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991
ND	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
.PN	REC	AIR	OCC	MAC	TWA: 380 MG/M3 (100 PPM) <u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Last Amendment :</u> - - <u>Effective Date :</u> <u>Entry / Update :</u> DEC1991
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 375 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 560 MG/M3 (150 PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10. RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,1984 <u>Last Amendment :</u> DOMEX*,,,1989 <u>Effective Date :</u> 28MAY1984 <u>Entry / Update :</u> DEC1991
RUS	REG	AIR	OCC	MAC CLASS	CLV : 50.0 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	0.6 MG/M3 1X/D, 0.6 MG/M3 AV/D. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Effective Date :</u> AUG1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AQ	SURF	MAC CLASS	0.5 MG/L HAZARD CLASS: IV <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Effective Date :</u> 1JAN1989 <u>Entry / Update :</u> JUL1990
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.5 MG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1985

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RUS	REG	SOIL	-	MAC	0.3 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKCP*,3210-85,,,1985 <u>Effective Date :</u> FEB1985 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	OCC	MAC	MAXIMUM ALLOWABLE LEVEL OF SKIN CONTAMINATION OF HAND COMING IN CONTACT WITH SUBSTANCE; 0.05 MG/CM3 <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDUZK*,4618-88,,,1988 <u>Effective Date :</u> MAY1988 <u>Entry / Update :</u> JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 200 MG/M3 (50 PPM); 15 MIN - STEL: 400 MG/M3 (100 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: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1294. <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	2000 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,214,1990 <u>Last Amendment :</u> XPHPAW,90,117,214,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 100 PPM, 377 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 150 PPM, 565 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	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> FEREC,42,,14534,1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991
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 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

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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	USE PACK	-	RQR RQR	<p>THIS SUBSTANCE IS LISTED AS AN ADJUVANT OF RELEASE AGENTS, WAXES, AND DISPERSANTS. THIS SUBSTANCE IS INCLUDED IN A LIST OF RESINOUS AND POLYMERIC COATINGS WHICH MAY BE USED AS THE FOOD CONTACT SURFACE OF ARTICLES IF THE COATING IS APPLIED AS A CONTINUOUS FILM PRODUCED FROM ANY BASIC OLEFIN POLYMER LISTED IN 21 CFR 177.1520 1988 AND FOR MULATED FROM OPTIONAL SUBSTANCES WHICH ARE RECOGNIZED AS SAFE FOR USE IN OR ON FOOD AND FROM SUBSTANCES SUBJECT TO LIMITATIONS AS DESCRIBED HERE.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS FOR POLYOLEFIN FILMS</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS* 21,175,320,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III, EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	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	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>

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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	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 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	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	AQ	DRINK	MPC	1 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title :</u> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference :</u> FEREAC,40,,59570,1975 <u>Effective Date :</u> 1975 <u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ	EMI INDST	RQR RQR	BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FRO M THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT. <u>Title :</u> 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS <u>Reference :</u> FEREAC,44,,44502,1979 <u>Effective Date :</u> 1979 <u>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Entry / Update :</u> OCT1991
USA	REG	FOOD PACK MANUF USE	ADDIT ADDIT ADDIT	RSTR RSTR GL RSTR	RESIDUE LIMIT NOT TO EXCEED 0.1 PERCENT BY WEIGHT OF THE FINISHED CELLOPHANE. THIS SUBSTANCE INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE BASE SHEET OR COATING SUBSTANCES FOR CELLOPHANE MUST BE OF A GRADE OF PURITY SUITABLE FOR USE IN FOOD PACKAGING TO IMPART THE DESIRED TECHNOLOGICAL PROPERTIES. ACRYLONITRILE COPOLYMER SUBST ANCES MUST ABIDE UNDER THE CONDITIONS GIVEN IN 21 CFR 180.22 1988. <u>Title :</u> INDIRECT FOOD ADDITIVES; POLYMERS-CELLOPHANE. <u>Reference :</u> FEREAC,42,,14572,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,177,1200,1988 <u>Entry / Update :</u> NOV1991

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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	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
WHO	REC	AQ	DRINK	GL	<p>700 UG/L; CONCENTRATIONS OF THE SUBSTANCE AT OR BELOW THE HEALTH-BASED GUIDELINE VALUE MAY AFFECT THE APPEARANCE, TASTE, OR ODOUR OF THE WATER. THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING-WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : Toluene Diisocyanate

RTECS Number : NQ9490000

CAS Number : 26471-62-5

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.): UN2078. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46, 56, 99, 100, 102. 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. <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 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 (R 23). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). XN - HARMFUL; MAY CAUSE SENSITISATION BY INHALATION (R 42). LABEL: T - TOXIC; TOXIC BY INHALATION (R 23); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY INHALATION (R 42); 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); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT (S 38); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE)(S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: T - TOXIC; TOXIC BY INHALATION (R 23); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY INHALATION (R 42). FROM 2% TO 20%: T - TOXIC; TOXIC BY INHALATION (R 23); MAY CAUSE SENSITIZATION BY INHALATION (R 42). FROM 0.5% TO 2%: XN - HARMFUL; HARMFUL BY INHALATION (R 20); MAY CAUSE SENSITIZATION BY INHALATION (R 42). ALSO APPLIES TO MIXTURE OF 2,4- AND 2,6-ISOMERS OF TOLUENE-DIISOCYANATE. IT MUST BE STATED ON THE LABEL IF WHETHER THE SUBSTANCE 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>Effective Date :</u> 1JUL1992 <u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992

Common Name : Toluene Diisocyanate

RTECS Number : NQ9490000

CAS Number : 26471-62-5

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: 10 TONNES AND ABOVE. THEY SHOULD NOTIFY THE COMPETENT AUTHORITIES ABOUT THE SECURITY MEASURES TAKEN WHEN THE QUANTITIES OF THE SUBSTANCE EQUAL OR EXCEED 100 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>
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>
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	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS FOR THE MANUFACTURE OF FOAMS OR ELASTOMERS INVOLVING THE USE OF TOLUENE DIISOCYANATE OR PARTLY POLYMERIZED TOLUENE DIISOCYANATE 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>
MO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER. UN NO.2078.</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: 0.014MG/M3 (0.002PPM); CLV: 0.14MG/M3 (0.02PPM). 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 0.14 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	AMBI	MAC	<p>0.05 MG/M3 1X/D; 0.02 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>

Common Name : Toluene Diisocyanate

RTECS Number : NQ9490000

CAS Number : 26471-62-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.05 MG/M3 (VAPOUR) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,..,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.04MG/M3 (0.005PPM); CLV(5MIN-TWA): 0.07MG/M3 (0.01PPM). CARCINOGENIC, SENSITIZING. (THE SAME LIMITS EXPRESSED IN PPM APPLY ALSO TO OTHER ISOCYANATES FOR WHICH SPECIAL LIMITS HAVE NOT BEEN ESTABLISHED AND TO ISOCYANATES IN THE FORM OF DUST AND AEROSOLS INCL. PREPOLYMERIZED ISOCYANATES AND SO-CALLED BLOCKED ISOCYANATES). <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.2078. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989 <u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title :</u> HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference :</u> FEREC,51,,32726,1986 <u>Last Amendment :</u> CFRUS*,40,716,120,1990 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO COMPREHENSIVE ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title :</u> COMPREHENSIVE ASSESSMENT INFORMATION RULES <u>Reference :</u> FEREC,53,,51721,1988 <u>Last Amendment :</u> CFRUS*,40,704,225,1990 <u>Effective Date :</u> 1988 <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>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	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 DECK AND BELOW DECK AWAY FROM HEAT. 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

Common Name : Toluene Diisocyanate

RTECS Number : NQ9490000

CAS Number : 26471-62-5

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>REACTIVE AND TOXIC THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER REMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E).</p> <p><u>Title</u> : RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF.</p> <p><u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980</p> <p><u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	MONIT MONIT MONIT	CONSM OCC AMBI	RQR RQR RQR	<p>ALL MANUFACTURERS OF CHEMICAL SUBSTANCES ARE SUBJECT TO THIS RULE. IF MANUFACTURE OCCURS AT ANY SITE OWNED OR CONTROLLED BY A FIRM, THEN THAT FIRM IS SUBJECT TO THE RULE. ADDITIONALLY, PERSONS WHO PROCESS CHEMICAL SUBSTANCES ARE SUBJECT TO THE RULE IF THEIR PROCESSOR ACTIVITIES ARE DESCRIBED IN STANDARD INDUSTRIAL CLASSIFICATION (SIC) MAJOR GROUP 28, CHEMICALS AND ALLIED PRODUCTS, OR SIC CODE 2911, PETROLEUM REFINING. RECORDS REQUIRED TO BE MAINTAINED INCLUDE RECORDS OF CONSUMER ALLEGATIONS OF PERSONAL INJURY OR HARM TO HEALTH, REPORTS OF OCCUPATIONAL DISEASE OR INJURY, AND REPORTS OF COMPLAINTS OF INJURY TO THE ENVIRONMENT.</p> <p><u>Title</u> : RECORDS OF ALLEGATIONS OF SIGNIFICANT ADVERSE REACTIONS NOTICES AND RULES</p> <p><u>Reference</u> : FEREAC,48,,38178,1983 <u>Effective Date</u> : 21NOV1983</p> <p><u>Last Amendment</u> : XCODE*,15,,2607C,1991 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>REACTIVE AND TOXIC; 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 : Toluene-2-4-Diisocyanate

RTECS Number : CZ6300000

CAS Number : 584-84-9

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 0.04 MG/M3 (0.005 PPM), 15 MIN - STEL : 0.15 MG/M3 (0.02 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,I,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,I,4,1991 <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT 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: 0.005 PPM, 0.04 MG/M3; STEL: 0.02 PPM,0.15 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BYTHE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUEAND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 0.07 MG/M3; CLV: 0.14 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: 0.01 ML/M3 (PPM); 0.07 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.02 ML/M3 (PPM); 0.14 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF SENSITIZATION.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGFDF,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Toluene-2-4-Diisocyanate

RTECS Number : CZ6300000

CAS Number : 584-84-9

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IND	REG	MANUF SAFTY STORE IMPRT	-	RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE 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 10 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>
ISA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>10 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,214,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,214,1990 <u>Entry / Update</u> : OCT1991</p>
ISA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.005 PPM, 0.036 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 0.02 PPM, 0.14 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>
ISA	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 COMPREHENSIVE ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : COMPREHENSIVE ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,53,,51721,1988 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : CFRUS*,40,704,225,1990 <u>Entry / Update</u> : OCT1991</p>
ISA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: 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>
ISA	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 : Toluene-2-4-Diisocyanate

RTECS Number : CZ6300000

CAS Number : 584-84-9

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	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 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 MONIT MONIT	CONSM OCC AMBI	RQR RQR RQR	<p>ALL MANUFACTURERS OF CHEMICAL SUBSTANCES ARE SUBJECT TO THIS RULE. IF MANUFACTURE OCCURS AT ANY SITE OWNED OR CONTROLLED BY A FIRM, THEN THAT FIRM IS SUBJECT TO THE RULE. ADDITIONALLY, PERSONS WHO PROCESS CHEMICAL SUBSTANCES ARE SUBJECT TO THE RULE IF THEIR PROCESSOR ACTIVITIES ARE DESCRIBED IN STANDARD INDUSTRIAL CLASSIFICATION (SIC) MAJOR GROUP 28, CHEMICALS AND ALLIED PRODUCTS, OR SIC CODE 2911, PETROLEUM REFINING. RECORDS REQUIRED TO BE MAINTAINED INCLUDE RECORDS OF CONSUMER ALLEGATIONS OF PERSONAL INJURY OR HARM TO HEALTH, REPORTS OF OCCUPATIONAL DISEASE OR INJURY, AND REPORTS OF COMPLAINTS OF INJURY TO THE ENVIRONMENT.</p> <p><u>Title</u> : RECORDS OF ALLEGATIONS OF SIGNIFICANT ADVERSE REACTIONS NOTICES AND RULES</p> <p><u>Reference</u> : FEREAC,48,,38178,1983 <u>Effective Date</u> : 21NOV1983</p> <p><u>Last Amendment</u> : XCODE*,15,,2607C,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>

Common Name : **Toluene-2,6-Diisocyanate**RTECS Number : **CZ6310000**CAS Number : **91-08-7**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.01 ML/M3 (PPM); 0.07 MG/M3 (20C, 101.3 KPA). LOCAL IRRITANT. 5 MIN - STEL: 0.02 ML/M3 (PPM); 0.14 MG/M3; CEILING VALUE; 8X/SHIFT. DANGER OF SENSITIZATION.</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 HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED.</p> <p><u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title :</u> ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference :</u> BGZBAD,,I,1931,1991 <u>Effective Date :</u> 15JUN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: T - TOXIC; TOXIC BY INHALATION (R 23). XI - IRRITANT; IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38). XN - HARMFUL; MAY CAUSE SENSITISATION BY INHALATION (R 42). LABEL: T - TOXIC; TOXIC BY INHALATION (R 23); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY INHALATION (R 42); 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); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28); IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT (S 38); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: T - TOXIC; TOXIC BY INHALATION (R 23); IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN (R 36/37/38); MAY CAUSE SENSITIZATION BY INHALATION (R 42). FROM 2% TO 20%: T - TOXIC; TOXIC BY INHALATION (R 23); MAY CAUSE SENSITIZATION BY INHALATION (R 42). FROM 0.5% TO 2%: XN - HARMFUL; HARMFUL BY INHALATION (R 20); MAY CAUSE SENSITIZATION BY INHALATION (R 42). ALSO APPLIES TO MIXTURE OF 2,4- AND 2,6-ISOMERS OF TOLUENE-DIISOCYANATE. IT MUST BE STATED ON THE LABEL IF 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>

Common Name : Toluene-2,6-Diisocyanate

RTECS Number : CZ6310000

CAS Number : 91-08-7

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.</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	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 COMPREHENSIVE ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.</p> <p><u>Title</u> : COMPREHENSIVE ASSESSMENT INFORMATION RULES</p> <p><u>Reference</u> : FEREAC,53,,51721,1988 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : CFRUS*,40,704,225,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175</p> <p><u>Title</u> : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,105,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	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 : Toluene-2,6-Diisocyanate

RTECS Number : CZ6310000

CAS Number : 91-08-7

Area Type Subject Spec. Description Level / Summary Information :

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	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 MONIT MONIT	CONSM OCC AMBI	RQR RQR RQR	<p>ALL MANUFACTURERS OF CHEMICAL SUBSTANCES ARE SUBJECT TO THIS RULE. IF MANUFACTURE OCCURS AT ANY SITE OWNED OR CONTROLLED BY A FIRM, THEN THAT FIRM IS SUBJECT TO THE RULE. ADDITIONALLY, PERSONS WHO PROCESS CHEMICAL SUBSTANCES ARE SUBJECT TO THE RULE IF THEIR PROCESSOR ACTIVITIES ARE DESCRIBED IN STANDARD INDUSTRIAL CLASSIFICATION (SIC) MAJOR GROUP 28, CHEMICALS AND ALLIED PRODUCTS, OR SIC CODE 2911, PETROLEUM REFINING. RECORDS REQUIRED TO BE MAINTAINED INCLUDE RECORDS OF CONSUMER ALLEGATIONS OF PERSONAL INJURY OR HARM TO HEALTH, REPORTS OF OCCUPATIONAL DISEASE OR INJURY, AND REPORTS OF COMPLAINTS OF INJURY TO THE ENVIRONMENT.</p> <p><u>Title</u> : RECORDS OF ALLEGATIONS OF SIGNIFICANT ADVERSE REACTIONS NOTICES AND RULES</p> <p><u>Reference</u> : FEREAC,48,,38178,1983 <u>Effective Date</u> : 21NOV1983</p> <p><u>Last Amendment</u> : XCODE*,15,,2607C,1991 <u>Entry / Update</u> : OCT1991</p>

Common Name : **Toxaphene**RTECS Number : **XW5250000**CAS Number : **8001-35-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 0.5 MG/M3; 15 MIN - STEL: 1 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). 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	FOOD	-	AL	<p>SPECIFIED PLANT PRODUCTS: 0.3-7 MG/KG (SAFETY INTERVAL: 30 DAYS)</p> <p><u>Title</u> : CATALOGO DOS DEFENSIVOS AGRICOLAS</p> <p><u>Reference</u> : CDABR*,2,,66-79,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 0.5 MG/M3; STEL: 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 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>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 0.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN - STEL: 5 MG/M3; AVERAGE VALUE; 1X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. APPLIES TO CHLORINATED CAMPHENE WITH 60% CHLORINE.</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>

Common Name : **Toxaphene**RTECS Number : **XW5250000**CAS Number : **8001-35-2****Area Type Subject Spec. Description Level / Summary Information :**

DEU	REG	GOODS	PESTI	MRL	<p>TOBACCO: 5,0 MG/KG. APPLIES TO THE SUM OF CAMPHECHLOR, STROBAN AND OTHER POLYCHLORINATED TERPENES (67-69 % CHLORINE).</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>VEGETABLES, FRUITS: 0.4 MG/KG. OTHER PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF CAMPHECHLOR, STROBANE AND OTHER POLYCHLORINATED TERPENES (67-69 % CHLORINE).</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990</p> <p><u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	FOOD	PESTI	MRL	<p>MEAT, MEAT PRODUCTS, EDIBLE FAT OF ANIMAL ORIGIN, MILK, MILK PRODUCTS: 0.4 MG/KG LIPID WEIGHT. APPLIES TO CAMPHECHLOR, STROBAN AND OTHER POLYCHLORINATED TERPENES (67-69 % CHLORINE).</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	EXPRT	PESTI	RQR	<p>CAMPHECHLOR 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	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> : 01JAN1988</p> <p><u>Last Amendment</u> : OJEC**,L92,,42,1991 <u>Entry / Update</u> : NOV1987</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>

Common Name : **Toxaphene**RTECS Number : **XW5250000**CAS Number : **8001-35-2**

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). CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); XN - HARMFUL; HARMFUL IN CONTACT WITH SKIN (R 21); XI - IRRITANT; IRRITATING TO RESPIRATORY SYSTEM AND SKIN (R 37/38). LABEL: T -TOXIC; HARMFUL IN CONTACT WITH SKIN (R 21); TOXIC IF SWALLOWED (R 25); IRRITATING TO RESPIRATORY SYSTEM AND SKIN (R 37/38); 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). (APPLIES TO CAMPHECHLOR CONTAINING 67-69% CHLORINE).</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 CAMPHECHLOR FOR ALL FEEDINGSTUFFS: 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>
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL) : 0.4 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>
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 0.1 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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-40% (SOLID) OR 100-15% (LIQUID).</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : IMCOC*,,,6222,1990 <u>Entry / Update</u> : JAN1991</p>
KEN	REG	USE USE	AGRIC PESTI	PRO PRO	<p>TOTAL BAN OF THE PESTICIDE. REASONS FOR THE CONTROL ACTION: ACTION TAKEN BECAUSE OF HEALTH HAZARDS.</p> <p><u>Title</u> : PEST CONTROL PRODUCTS BOARD DECISION REF. PCPB/1/II/95 OF 22/4/85</p> <p><u>Reference</u> : KENPC*,,,1985 <u>Effective Date</u> : FEB1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1987</p>
KEN	REG	FOOD	PESTI	MRL	<p>SPECIAL FOOD PRODUCTS: 2.0-7.0 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>
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>

Common Name : **Toxaphene**RTECS Number : **XW5250000**CAS Number : **8001-35-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
MEX	REG	USE	AGRIC PESTI	RSTR RSTR	PESTICIDE OF RESTRICTED AGRICULTURAL USE FOR COTTON, MAIZE AND SORGHUM. REASONS FOR THE CONTROL ACTION: CONTROL OF PESTS (AND ITS HIGH ACUTE TOXICITY, LD50: 40- 283 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> : 20MCH1988 <u>Last Amendment</u> : <u>Entry / Update</u> : 1987
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	0.005 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	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	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. LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG; ADI = 0.001 MG/KG BW. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JAN1988 <u>Last Amendment</u> : MDUPP* ,4540-87,,,1987 <u>Entry / Update</u> : JUL1990
RUS	REG	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTS LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.1 MG/KG; ADI = 0.0001 MG/KG. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : JUN1983 <u>Last Amendment</u> : MDUPP* ,2823-83,,,1983 <u>Entry / Update</u> : OCT1985
RUS	REG	AIR	AMBI	PSL	0.007 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	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	FEED	-	MRL PRO	0.0 MG/KG (DAIRY CATTLE); 0.25 MG/KG (FATTENINGCATTLE). <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : APR1981 <u>Last Amendment</u> : SCHSB* ,SUPL-4,,,1982 <u>Entry / Update</u> : OCT1985

Common Name : **Toxaphene**RTECS Number : **XW5250000**CAS Number : **8001-35-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	PSL CLASS	0.005 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	SOIL	-	MAC	0.5 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKPP*,1134-73,,,1973 <u>Effective Date :</u> DEC1973 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE: PERMITTED FOR CONTROL OF GREY WEEVIL ON SUGARBEET AND TO PROTECT THE SEEDS OF PERENNIAL GRASSES. REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC, PERSISTENT, VOLATILE; MUTAGENIC, CARCINOGENIC; CASES OF HUMAN POISONING RECORDED. (APPLIES TO CHLORINATED CAMPHENE OF VARIABLE COMPOSITIONS) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> OSUMH*,,,21MCH,1986 <u>Effective Date :</u> <u>Entry / Update :</u> AUG1988
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-40% (SOLID) OR 100-15% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Effective Date :</u> <u>Entry / Update :</u> MAY1986
USA	REC	SAFTY USE	OCC OCC	MXL MXL	200 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,62,1990 <u>Last Amendment :</u> XPHPAW,90,117,62,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.5 MG/M3, SKIN; SHORT TERM EXPOSURE LIMIT (STEL) 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	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1 (0.454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1 (0.454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS (LBS (KG))!, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#) RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991

Common Name : **Toxaphene**RTECS Number : **XW5250000**CAS Number : **8001-35-2**Area Type Subject Spec. Description Level / Summary Information :

USA	REG	AQ	CONSM	MPC	0.005 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
JSA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME TOXAPHENETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT; PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference</u> : FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988 <u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992
USA	REG	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	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference</u> : XCODE*.33,,1314,1990 <u>Effective Date</u> : 1981 <u>Last Amendment</u> : XCODE*.33,,1314,1990 <u>Entry / Update</u> : NOV1991
USA	REG	AQ AQ	EMI INDST	RQR RQR	BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT. <u>Title</u> : 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A-TOXIC POLLUTANTS <u>Reference</u> : FEREAC,44,,44502,1979 <u>Effective Date</u> : 1979 <u>Last Amendment</u> : CFRUS*,40,401,15,1990 <u>Entry / Update</u> : OCT1991
USA	REG	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.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	DRINK	MPC	0.005 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. <u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975 <u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991

Common Name : **Toxaphene**

RTECS Number : **XW5250000**

CAS Number : **8001-35-2**

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	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	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	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference :</u> CFRUS*,40,372.65,1988 <u>Effective Date :</u> 1987</p> <p><u>Last Amendment :</u> CFRUS*,40,372.65,1988 <u>Entry / Update :</u> OCT1991</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title :</u> SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference :</u> FEREAC,54,97,22140,1989 <u>Effective Date :</u> MAY221989</p> <p><u>Last Amendment :</u> FEREAC,54,97,22104,1989 <u>Entry / Update :</u> OCT1991</p>

Common Name : **Triallate**RTECS Number : **EZ8575000**CAS Number : **2303-17-5**

Area Type Subject Spec. Description Level / Summary Information :

CAN	REC	AQ	DRINK	GL MAC	MAC: 0.23 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. 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. THEY ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. <u>Title :</u> <u>Reference :</u> 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, MANUFACTURING USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR). CODE TRL. 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 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	ALL PLANT PRODUCTS: 0.1 MG/KG. APPLIES TO THE SUM OF DIALATE AND TRIALLATE, CALCULATED AS TRIALLATE. <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 IID, I.E. WHEN SOLID: AS HARMFUL AT CONCS. >50-100% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title :</u> COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference :</u> OJEC**,L206,,13,1978 <u>Effective Date :</u> <u>Last Amendment :</u> OJEC**,L144,,1,1984 <u>Entry / Update :</u> APR1986

Common Name : **Triallate**RTECS Number : **EZ8575000**CAS Number : **2303-17-5**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	PESTI	MRL	<p>PLANT (GENERAL): 0.1 MG/KG (CALCULATED AS THE SUM OF DIALLATE AND TRIALLATE)</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 23 NOVEMBER 1976 RELATING TO THE FIXING OF MAXIMUM LEVELS FOR PESTICIDE RESIDUES IN AND ON FRUIT AND VEGETABLES. (76/895/EEC).</p> <p><u>Reference</u> : OJEC**,L340,,34,1976 <u>Effective Date</u> : 01JUL1984</p> <p><u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22). LABEL: XN - HARMFUL; HARMFUL BY INHALATION AND IF SWALLOWED (R 20/22); 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-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	FOOD	-	MRL ADI	<p>LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.05 MG/KG ADI = 0.02 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>
RUS	REG	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS HERBICIDE FOR AGRICULTURAL USE. APPLICATION DOSE. MODE AND TREATMENT FREQUENCY IS SPECIFIED.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1986</p> <p><u>Last Amendment</u> : SCHSB*,1986-90,,1987 <u>Entry / Update</u> : NOV1987</p>
RUS	REG	AIR	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 (AEROSOL + 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 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>

Common Name : **Triallate**RTECS Number : **EZ8575000**CAS Number : **2303-17-5**Area Type Subject Spec. Description Level / Summary Information :

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

Common Name : **Triamiphos**

RTECS Number :

CAS Number : **1031-47-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>APPLES: 0.03 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>
DEU	REG	SAFTY	INDST	RQR	<p>THE REGULATION APPLIES TO SPECIFIED PLANTS IN WHICH THE SUBSTANCE IS PRESENT OR COULD BE PRODUCED DURING AN INCIDENT. THE OPERATOR HAS TO TAKE THE NECESSARY SECURITY MEASURES TO PREVENT INCIDENTS IN WHICH THE SUBSTANCE CAUSES A SERIOUS HAZARD TO HUMANS OR THE ENVIRONMENT DUE TO HIGHER EMISSIONS, FIRES, OR EXPLOSIONS. AN INVENTORY OF STORED SUBSTANCES HAS TO BE KEPT. THE COMPETENT AUTHORITY HAS TO BE INFORMED IMMEDIATELY WHEN AN INCIDENT HAPPENED. WHEN CERTAIN THRESHOLD AMOUNTS OF THE SUBSTANCE ARE EXCEEDED A SAFETY ANALYSIS OF THE PLANT IS REQUIRED AND THE OPERATOR HAS TO INFORM THE NEIGHBOURHOOD AND THE GENERAL PUBLIC ABOUT THE PLANT AND THE ADEQUATE BEHAVIOUR IN THE CASE OF AN INCIDENT.</p> <p><u>Title</u> : ORDINANCE ON INCIDENTS (STOERFALL-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1891,1991 <u>Effective Date</u> : 01SEP1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN TRIAMIPHOS 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); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF...(TO BE SPECIFIED BY 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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->20% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 20-5% A.I. (SOLID) OR 20-1% A.I. (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 : **Triamiphos**

RTECS Number :

CAS Number : **1031-47-6**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN 100->20% A.I.; III = SUBSTANCE PRESENTING MINOR DANGER WHEN 20-5% A.I. (SOLID) OR 20-1% A.I. (LIQUID).
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Title :Reference :Effective Date :Last Amendment : UNTDG*,162,1989Entry / Update : MAY1986

USA	REG	SAFTY STORE	INDST INDST	RQR RQR	
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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.

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

Common Name : **Triazophos**RTECS Number : **TF5635000**CAS Number : **24017-47-8****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: 0.002-0.03 MG/KG; SECURITY INTERVAL: 14-60 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 ACAA TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS) <u>Reference</u> : SBTAP*,,,8,1984 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1985
CSK	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS PESTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE GIVEN. <u>Title</u> : LIST OF PERMITTED CHEMICALS FOR PLANT PROTECTION <u>Reference</u> : SPPOR*,,,290,1990 <u>Effective Date</u> : JAN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
CSK	REG	CLASS	-	CLASS	THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON. <u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH <u>Reference</u> : SZCSR*,,42,1217,1988 <u>Effective Date</u> : MAY1990 <u>Last Amendment</u> : SZCSR*,,33,762,1990 <u>Entry / Update</u> : DEC1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENE STOFFE) <u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REG	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: 0.2 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. <u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
FAO	REC	FOOD FOOD FEED	-	ADI MRL MRL	TEMPORARY ADI: 0.0002 MG/KG BW; TEMPORARY MRL-CITRUS FRUIT: 2 MG/KG; BANANAS: 1.0 MG/KG; POME FRUIT: 0.2 MG/KG; BRUSSELS SPROUTS, CABBAGE, CARROTS, COTTONSEED, PEAS: 0.1 MG/KG, CEREAL GRAINS, COFFEE BEANS, ONIONS (BULB), POTATOES, SUGARBEET: 0.05 MG/KG. (LEVELS REFER TO TRIAZOPHOS ALONE - WITHOUT METABOLITES) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FPPDD,77,,58,1986 <u>Entry / Update</u> : JAN1948
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

Common Name : **Triazophos**RTECS Number : **TF5635000**CAS Number : **24017-47-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 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	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		RSTR	POISON WHICH MAY BE SOLD BY LISTED SELLERS OFFPART 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	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	RQR	OVERALLS, RUBBER GLOVES, AND FACE-SHIELD MUSTBE WORN WHEN HANDLING OR COMING INTO CONTACT WITH THE CONCENTRATE. FULL PROTECTIVE CLOTHING, I.E. OVERALLS, 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	USE	PESTI	PRMT	APPROVED AS AN INSECTICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED. <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN 100-33% A.I. (SOLID) OR 100-13% 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	AIR	OCC	PSL	CLV : 0.2 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	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
RUS	REG	AIR	OCC	PSL	0.2 MG/M3 (VAPOURS + AEROSOL). <u>Title :</u> TENTATIVE SAFE EXPOSURE LEVELS OF HARMFUL SUBSTANCES IN OCCUPATIONAL AIR <u>Reference :</u> OBUVR*,5203-90,,1-13,1990 <u>Effective Date :</u> 07DEC1990 <u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991

Common Name : **Triazophos**RTECS Number : **TF5635000**CAS Number : **24017-47-8**Area Type Subject Spec. Description Level / Summary Information :

SWE	REG	FOOD	PESTI	MTC	FRUITS AND VEGETABLES: 0.1-0.3 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
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE; PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN 100-33% A.I. (SOLID) OR 100-13% 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
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

Common Name : Tributyl Phosphate

RTECS Number : TC7700000

CAS Number : 126-73-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA : 2.5 MG/M3 (0.2 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: 0.2 PPM, 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	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title</u> : <u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS 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	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,I,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); AVOID CONTACT WITH EYES (S 25). <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: 5 MG/M3. STEL (10 MIN-TWA): 5 MG/M3. APPLIES TO ALL ISOMERS. <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 : Tributyl Phosphate

RTECS Number : TC7700000

CAS Number : 126-73-8

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
GBR	REG	TRANSP 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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 2.5 MG/M3 (0.2 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 5 MG/M3 (0.4 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	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
RUS	REG	AIR	AMBI	PSL	0.01 MG/M3 1X/D <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> NOV1984 <u>Last Amendment :</u> OBUAV*,3165-84,,1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 0.5 MG/M3 (VAPOUR) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
USA	REC	SAFTY USE	OCC OCC	MXL MXL	125 PPM <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,216,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,216,1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.2 PPM, 2.2 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS. <u>Title :</u> THRESHOLD LIMIT VALUES <u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989 <u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991
USA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference :</u> FEREC,42,,14534,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Entry / Update :</u> NOV1991

Common Name : Tributyl Phosphate

RTECS Number : TC7700000

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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	MONIT MONIT MONIT	CONSM OCC AMBI	RQR RQR RQR	<p>ALL MANUFACTURERS OF CHEMICAL SUBSTANCES ARE SUBJECT TO THIS RULE. IF MANUFACTURE OCCURS AT ANY SITE OWNED OR CONTROLLED BY A FIRM, THEN THAT FIRM IS SUBJECT TO THE RULE. ADDITIONALLY, PERSONS WHO PROCESS CHEMICAL SUBSTANCES ARE SUBJECT TO THE RULE IF THEIR PROCESSOR ACTIVITIES ARE DESCRIBED IN STANDARD INDUSTRIAL CLASSIFICATION (SIC) MAJOR GROUP 28, CHEMICALS AND ALLIED PRODUCTS, OR SIC CODE 2911, PETROLEUM REFINING. RECORDS REQUIRED TO BE MAINTAINED INCLUDE RECORDS OF CONSUMER ALLEGATIONS OF PERSON AL INJURY OR HARM TO HEALTH, REPORTS OF OCCUPATIONAL DISEASE OR INJURY, AND REPORTS OF COMPLAINTS OF INJURY TO THE ENVIRONMENT.</p> <p><u>Title</u> : RECORDS OF ALLEGATIONS OF SIGNIFICANT ADVERSE REACTIONS NOTICES AND RULES</p> <p><u>Reference</u> : FEREAC,48,,38178,1983 <u>Effective Date</u> : 21NOV1983</p> <p><u>Last Amendment</u> : XCODE*,15,,2607C,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>

Common Name : Trichlorfon

RTECS Number : TA0700000

CAS Number : 52-68-6

Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRMT CLASS	SPECIFIED ANIMAL PRODUCTS: 0.05-1 MG/KG; SECURITY INTERVAL: 10 HOURS -7 DAYS; PROVISIONAL TOXICITY CLASS: II,III,IV (DEPENDING ON FORMULATION) (I = MOST TOXIC, IV = EAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: USE AUTHORIZED FOR FORMULATIONS OF 3-5% (WT/WT). FUMIGATION NOT PERMITTED.
<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> : AUG1985</p>					
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.
<p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>					
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, RESTRICTED, COMMERCIAL USE AS ACARICIDE (MITE CONTROL); INSECTICIDE. (FORMULATION: SOLUTION; SOLUBLE POWDER; PARTICULATE; EMULSIFIABLE CONCENTRATE OR EMULSION). CODE TRI. 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.
<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>					
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	FOOD	-	MRL	LIMITS OF RESIDUES PRESENT DUE TO PLANT PROTECTION: 0.1-1.0 MG/KG.
<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	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>					

Common Name : Trichlorfon

RTECS Number : TA0700000

CAS Number : 52-68-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.5 - 2.0 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,,I,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,I,481,1990 <u>Entry / Update</u> : DEC1991
EC	REG	FOOD	PESTI	MRL	PLANT (GENERAL) : 0.5 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> : 1978 <u>Last Amendment</u> : OJEC**,L66,,36,1989 <u>Entry / Update</u> : DEC1982
EC	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
EC	REG	FOOD	PESTI	MRL	CEREALS (GENERAL): 0.1 MG/KG <u>Title</u> : COUNCIL DIRECTIVE OF 24 JULY 1986 ON THE FIXING OF MAXIMUM LEVELS FOR PESTICIDES RESIDUES IN AND ON CEREALS. (86/362/EEC). <u>Reference</u> : OJEC**,L221,,37,1986 <u>Effective Date</u> : 30JUN1988 <u>Last Amendment</u> : OJEC**,L126,,53,1988 <u>Entry / Update</u> : SEP1987
EC	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; 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
W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.01 MG/KG BW; MRL: APPLES: 2 MG/KG; PEPPERS, STRAWBERRIES: 1 MG/KG; CABBAGE, GRAPES, LETTUCE, SPINACH: 0.5 MG/KG; BANANAS (PULP), BEET ROOT, BRUSSELS SPROUTS, CAULIFLOWER, CELERY, KALE, PEACHES, SWEET CORN (KERNELS, COB), TOMATOES: 0.2 MG/KG; ARTICHOKEs, BEANS (BLACKEYED, GREEN, LIMA), CARCASE MEAT OF CATTLE, PIGS AND SHEEP, CATTLE (FAT), CEREAL GRAINS, CHERRIES, CITRUS FRUIT, COTTONSEED, COW PEAS, LINSEED, MEAT BY-PRODUCTS OF CATTLE AND PIGS, MUSTARD GREENS, PEANUTS (SHELL-FREE BASIS), PIGS (FAT), PUMPKINS, RADISHES, RAPESEED, SAFFLOWER SEED AND COB, SOYA BEANS, TURNIPS: 0.1 MG/KG; CARROTS, EGGPLANTS, MILK, PARSLEY, SUGAR BEETS: 0.05 MG/KG (EXPRESSED AS TRICHLORFON) <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1986 <u>Last Amendment</u> : FAOCA*.XIII,,66-IV,1986 <u>Entry / Update</u> : APR1991
AO	REC	FOOD FOOD FEED	-	ADI MRL MRL	ADI: 0.01 MG/KG BW; MRL: APPLES: 2 MG/KG; PEPPERS, BANANA, STRAWBERRY: 1 MG/KG; CABBAGE, GRAPES, LETTUCE, SPINACH: 0.5 MG/KG; BRUSSELS SPROUTS, BEET, CAULIFLOWERS, CELERY, KALE, SWEET CORN (KERNELS AND COBS), TOMATOES, WHEAT: 0.2 MG/KG; ARTICHOKEs, BEANS (BLACKEYED, GREEN, LIMA), CHERRIES, COTTONSEED, COWPEAS, FAT AND EDIBLE OFFAL OF CATTLE AND PIGS, LINSEED, MEAT (CATTLE, PIGS, AND SHEEP), MUSTARD GREEWS, ORANGES, PEANUTS, PUMPKINS, RADISHES, RAPESEED, RAW CEREALS (INCL. MAIZE), SAFFLOWER SEED, SOYBEANS, TURNIPS: 0.1 MG/KG; CARROTS, EGGPLANTS, MILK (WHOLE), PARSLEY, SUGARBEET: 0.05 MG/KG <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1987 <u>Last Amendment</u> : FPPDD,84,,52,1987 <u>Entry / Update</u> : JUL1990
BR	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

Common Name : Trichlorfon

RTECS Number : TA0700000

CAS Number : 52-68-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-70% (SOLID) OR 100-23% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,6222,1990 <u>Entry / Update :</u> JAN1991
RUS	REC	FOOD EXPRT IMPRT	-	MRL	LIMITS RECOMMENDED FOR FOOD PRODUCTS EXPORTEDAND IMPORTED BY CMEA COUNTRIES: 0.05-0.2 MG/KG <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> MDUPE*,3081-84,,1984 <u>Entry / Update :</u> OCT1985
RUS	REG	FEED	-	MRL	1.0 MG/KG (DAIRY CATTLE); 3.0 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	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE: PROHIBITED FOR USE ON SMALL HOLDINGS AND IN ANIMAL HUSBANDRY. A 7% PRODUCT WAS PROHIBITEDFOR USE ON STRIPS OF FOREST AND AT FOREST LINES IN 1986. REASONS FOR THE CONTROL ACTION: CARCINOGENIC. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,,,1987 <u>Entry / Update :</u> AUG1988
RUS	REG	AQ	SURF	MAC CLASS	0.05 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	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS INSECTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,1987 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	AMBI	MAC	0.04 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	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	FOOD	-	PRO MRL ADI	PESTICIDE IS PROHIBITED IN SOME FOOD PRODUCTSLIMITS FOR SPECIFIED FOOD PRODUCTS: 0.0: 0.2 MG/KG. 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

Common Name : Trichlorfon

RTECS Number : TA0700000

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 0 MG/L</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> PDKTV*,...,1978</p> <p><u>Effective Date :</u></p> <p><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></p> <p><u>Last Amendment :</u> PDKCP*,1496-76,..,1976</p> <p><u>Effective Date :</u> AUG1976</p> <p><u>Entry / Update :</u> OCT1985</p>
WE	REG	FOOD	PESTI	MTC	<p>ANIMAL PRODUCTS: 0.05-0.1 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) OM FRAEMMANDE AEMNEN I LIVSMEDEL.</p> <p><u>Reference :</u> SLVFS*,1983:1,..,1983</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> 01JAN1990</p> <p><u>Entry / Update :</u> 1992</p>
WE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 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</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>
WE	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</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> **APR1992</p> <p><u>Entry / Update :</u> JAN1992</p>
IN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-70% (SOLID) OR 100-23% (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>
ISA	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. 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</p> <p><u>Last Amendment :</u> CFRUS*,49,172,101,1990</p> <p><u>Effective Date :</u> OCT1991</p> <p><u>Entry / Update :</u> NOV1991</p>

Common Name : Trichlorfon

RTECS Number : TA0700000

CAS Number : 52-68-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	CLASS MANUF	-	RQR PRMT	REGISTRATION STANDARD, TRICHLORFON, 1984. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A. <u>Reference :</u> FEREAC,54,34,7740,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FEREAC,54,34,7740,1989 <u>Entry / Update :</u> JAN1992
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	; SUMMARY - FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	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. <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); SUMMARY - RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS cLBS (KG)), ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991

Common Name : 1,2,4-Trichlorobenzene

RTECS Number : DC2100000

CAS Number : 120-82-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA: 40 MG/M3 (5 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: CEILING LIMIT - 5 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". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
DEU	REC	AQ USE	- INDST	CLASS RQR	THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 3). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) THE CLASSIFICATION FORMS THE BASIS FOR WATER-PROTECTION REQUIREMENTS FOR INDUSTRIAL PLANTS IN WHICH WATER-HAZARDOUS SUBSTANCES ARE HANDLED. <u>Title :</u> ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 5 ML/M3 (PPM); 40 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT > 2H. HALF-LIFE > SHIFT LENGTH (STRONGLY CUMULATIVE). 30 MIN- STEL: 50 ML/M3 (PPM); 400 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. APPLIES TO ALL ISOMERS OF TRICHLOROBENZENE. <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

Common Name : 1,2,4-Trichlorobenzene

RTECS Number : DC2100000

CAS Number : 120-82-1

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 40 MG/M3 (5 PPM). STEL (10 MIN-TWA): 40 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>
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 MANUF	EMI INDST	PRO RSTR	<p>ALL ISOMERS OF TRICHLOROBENZENE 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: 40 MG/M3 (5 PPM) - 10 MIN- STEL: 40 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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO LIQUID TRICHLOROBENZENES). UN NO.2321.</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 40 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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO LIQUID TRICHLOROBENZENES). UN NO.2321.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : SEP1982</p>
USA	REC	AIR	OCC	TLV	<p>CEILING LIMIT 5 PPM, 37 MG/M3THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991</p>

Common Name : 1,2,4-Trichlorobenzene

RTECS Number : DC2100000

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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> : 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>
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> : FERECAC,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>
USA	REG	AQ	-	RQR	<p>THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS.</p> <p><u>Title</u> : CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES)</p> <p><u>Reference</u> : XCODE*,33,1314,1990 <u>Effective Date</u> : 1981</p> <p><u>Last Amendment</u> : XCODE*,33,1314,1990 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ AQ	GRND GRND	MONIT MXL	<p>THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED.</p> <p><u>Title</u> : LIST (PHASE I) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION.</p> <p><u>Reference</u> : FERECAC,52,25947,1987 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	AIR 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>
WHO	REC	AQ	DRINK	GL	<p>20 UG/L TOTAL TRICHLOROBENZENES: CONCENTRATIONS OF THE SUBSTANCE AT OR BELOW THE HEALTH-BASED GUIDELINE VALUE MAY AFFECT THE APPEARANCE, TASTE, OR ODOUR OF THE WATER. THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING-WATER.</p> <p><u>Title</u> : WHO GUIDELINES FOR DRINKING-WATER QUALITY</p> <p><u>Reference</u> : WHODW*,,,1983 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : WHODW*,,,1992 <u>Entry / Update</u> : OCT1992</p>

Common Name : 1,1,1-Trichloroethane

RTECS Number : KJ2975000

CAS Number : 71-55-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA : 1900 MG/M3 (350 PPM), 15 MIN - STEL : 2450 MG/M3 (450 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>
BRA	REG	AIR	OCC	AL	<p>1480 MG/M3 (275 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM)</p> <p><u>Title</u> : SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference</u> : SMTBR*,3,,145,1980 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982</p>
CAN	REC	AQ	DRINK	GL MAC	<p>TABLE 2 - UNDER REVIEW FOR POSSIBLE ADDITION TO THE GUIDELINES. 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>PIN (PRODUCT IDENTIFICATION NO.): UN2831. 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.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 0.1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 350 PPM, 1,900 MG/M3; STEL: 450 PPM, 2,450 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,120,6,1105,1986 <u>Effective Date</u> : 13MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MCH1991</p>

Common Name : 1,1,1-Trichloroethane

RTECS Number : KJ2975000

CAS Number : 71-55-6

Area Type Subject Spec. Description Level / Summary Information :

CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	OCC	MAC	<p>TWA: 500.0 MG/M3; CLV: 2000.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 200 ML/M3 (PPM); 1080 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 1000 ML/M3 (PPM); 5400 MG/M3; AVERAGE VALUE: 2X/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: 13.3 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	REC	AIR	OCC	BAT	<p>BLOOD : 550 UG/L. ALVEOLAR AIR: 20 ML/M3. SAMPLING TIME: AT THE BEGINNING OF THE NEXT SHIFT; FOR LONG-TERM EXPOSURES: AFTER SEVERAL SHIFTS. THE CURRENT STATE OF THE ART OF QUANTITATIVE DETERMINATION OF HAZARDOUS SUBSTANCES IN THE ALVEOLAR AIR, BOTH FOR REASONS OF PRACTICABILITY AND ANALYTICAL FEASIBILITY, PERMITS ONLY LIMITED APPLICATION FOR OCCUPATIONAL MEDICAL SURVEILLANCE OF EXPOSED PERSONS.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,99,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> FEB1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS VERY HAZARDOUS TO WATER (WATER-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 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 : 1,1,1-Trichloroethane

RTECS Number : KJ2975000

CAS Number : 71-55-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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-LABELLED 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	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,,1,2612,1990 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : BGZBAD,,1,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	SALE USE WASTE	- - REMOV	PRO PRO RSTR	<p>THE SUBSTANCE IS PROHIBITED: IN PRESSURE GAS PACKAGES (EFFECTIVE DATE 01 AUGUST 1991, EXCEPTIONS FOR PHARMACEUTICALS); AS FREEZING AGENT (EFF. DATE 01 JANUARY 1992 FOR LARGE-SCALE ESTABLISHMENTS CONTAINING MORE THAN 5 KG OF FREEZING AGENT IN CLOSED CYCLES; EFF. DATE 01 JANUARY 1994 FOR MOBILE LARGE-SCALE ESTABLISHMENTS; EFF. DATE 01 JANUARY 1995 FOR SMALL-SCALE ESTABLISHMENTS); AS FOAMING AGENT FOR PACKAGING MATERIAL AND DISHES (EFF. DATE 01 AUGUST 1991); AS ASSEMBLY FOAM IN GAS-PRESSURE PACKAGES (EFF. DATE 01 AUGUST 1991); AS INSULATION MATERIAL (EFF. DATE 01 JANUARY 1995); AS FOAMING AGENT FOR FURTHER USES (EFF. DATE 01 JANUARY 1992); AS CLEANING AGENT AND SOLVENT (EFF. DATE 01 JANUARY 1992, EXCEPTIONS FOR CERTAIN PLANTS). THE DISTRIBUTOR IS OBLIGED TO REACCEPT USED SUBSTANCES (EFF. DATE 01 NOVEMBER 1991).</p> <p><u>Title</u> : ORDINANCE ON THE PROHIBITION OF FLUOROCHLOROHYDROCARBONS (FKKW-HALON-VERBOTS-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1090,1991 <u>Effective Date</u> : 01AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
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 1,1,1-TRICHLOROETHANE 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,,1,2694,1990 <u>Effective Date</u> : 01MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,1,1218,1991 <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	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>

Common Name : 1,1,1-Trichloroethane

RTECS Number : KJ2975000

CAS Number : 71-55-6

Area Type Subject Spec. Description Level / Summary Information :

EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: XN - HARMFUL; HARMFUL BY INHALATION (R 20); AVOID CONTACT WITH SKIN AND EYES (S 24/25). THIS SUBSTANCE MAY CONTAIN A STABILIZER. IF THE STABILIZER CHANGES THE DANGEROUS PROPERTIES OF THE SUBSTANCE, A LABEL SHOULD BE PROVIDED ACCORDING TO THE RULES FOR THE LABELLING OF DANGEROUS PREPARATIONS. <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	MEL	8H-TWA: 1900 MG/M3 (350 PPM). STEL (10 MIN-TWA): 2450 MG/M3 (450 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	AIR	OCC	MEL	8H-TWA: 1900 MG/M3 (350 PPM) - 10 MIN- STEL: 2450 MG/M3 (450 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 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2831. <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : JMCOC*,,,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

Common Name : 1,1,1-Trichloroethane

RTECS Number : KJ2975000

CAS Number : 71-55-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REC	AIR	OCC	MAC	TWA: 1100 MG/M3 (200 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 1900 MG/M3 (350 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 1900 MG/M3 (350 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 2450 MG/M3 (450 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 : 20.0 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	AIR	AMBI	MAC	2.0 MG/M3 1X/D, 0.2 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	PSL CLASS	10.0 MG/L HAZARD CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,1988 <u>Entry / Update</u> : JUL1990
SWE	REG	AIR	OCC	HLV	1D-TWA: 300 MG/M3 (50 PPM); 15 MIN - STEL: 500 MG/M3 (90 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: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.2831. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Entry / Update</u> : JUN1986

Common Name : 1,1,1-Trichloroethane

TECS Number : KJ2975000

CAS Number : 71-55-6

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ISA	REC	AQ	CONSM	MPC	<p>0.20 MG/LBOTTLED WATER. WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN PARAGRAPH (D) (3) (II) OF SECTION 103.35 55 FR 27834, SHALL NOT CONTAIN THE FOLLOWING VOLATILE ORGANIC CHEMICAL SUBSTANCES IN EXCESS OF THE CONCENTRATIONS SPECIFIED.</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> : 1990</p> <p><u>Last Amendment</u> : FEREAC,55,,27834,1990 <u>Entry / Update</u> : NOV1991</p>
ISA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 350 PPM, 1910 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 450 PPM, 2460 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>
ISA	REC	SAFTY USE	OCC	MXL	<p>1000 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,148,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,148,1990 <u>Entry / Update</u> : OCT1991</p>
SA	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>
ISA	REG	WASTE STORE TRNSP	INDST -	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>
ISA	REG	MONIT	-	RQR	<p>THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.</p> <p><u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)</p> <p><u>Reference</u> : FEREAC,51,,32726,1986 <u>Effective Date</u> : 1986</p> <p><u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991</p>

Common Name : 1,1,1-Trichloroethane

RTECS Number : KJ2975000

CAS Number : 71-55-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	WASTE 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	DRINK	MPC	<p>0.2 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIEN' 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 ANI 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	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	<p>CASE NAME METHYL CHLOROFORMTHIS 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 CONTAININ 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	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.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>

Common Name : 1,1,1-Trichloroethane

TECS Number : KJ2975000

CAS Number : 71-55-6

Reg Type Subject Spec. Description Level / Summary Information :

SA REG CLASS INDST RQR
AIR EMI RQR
AQ EMI 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

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

SA REG AIR EMI RQR

FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED

Title : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS

Reference : FEREAC,50,,46290,1985 Effective Date : 1985

Last Amendment : CFRUS*,40,61,1,1990 Entry / Update : SEP1991

SA REG FOOD ADDIT RSTR
TRANS RSTR
STORE RSTR
PACK RSTR

THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175

Title : SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES

Reference : FEREAC,42,,14534,1977 Effective Date : 1977

Last Amendment : CFRUS*,21,175,105,1988 Entry / Update : NOV1991

SA REG MANUF REQ PRMT
USE OCC PRMT
SAFTY OCC MXL

THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCTION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE.

Title : PRELIMINARY ASSESSMENT INFORMATION RULES

Reference : FEREAC,47,,26998,1982 Effective Date : 1982

Last Amendment : CFRUS*,40,712,30,1990 Entry / Update : OCT1991

SA REG AQ GRND MONIT
AQ GRND MXL

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

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

Reference : FEREAC,52,,25947,1987 Effective Date : 1987

Last Amendment : CFRUS*,40,264,,1990 Entry / Update : SEP1991

HO REC AQ DRINK GL

2000 UG/L; PROVISIONAL GUIDELINE VALUE; CONCENTRATIONS OF THE SUBSTANCE AT OR BELOW THE HEALTH-BASED GV MAY AFFECT THE APPEARANCE, TASTE, OR ODOUR OF THE WATER. THIS CHEMICAL IS OF HEALTH SIGNIFICANCE IN DRINKING-WATER.

Title : WHO GUIDELINES FOR DRINKING-WATER QUALITY

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

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

Common Name : 1,1,2-Trichloroethane

RTECS Number : KJ3150000

CAS Number : 79-00-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 45 MG/M3 (10 PPM). SKIN ABSORPTION, POTENTIAL CARCINOGEN.</p> <p><u>Title</u> : LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference</u> : ARGOB*,24170,1,1,1979 <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>35 MG/M3 (8 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	SALE IMPRT GOODS LABEL	CONSM	PRO RQR	<p>IT IS PROHIBITED TO SELL, ADVERTISE OR IMPORT INTO CANADA POLISHES, CLEANING AGENTS, LIQUID COATING MATERIALS OR PAINT AND VARNISH REMOVERS CONTAINING 1,1,2-TRICHLOROETHANE, WHERE SUCH 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 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	AIR	OCC	TLV	<p>TWA: 10 PPM, 45 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	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,122,2,551,1988 <u>Effective Date</u> : 31DEC1987</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : 1,1,2-Trichloroethane

RTECS Number : KJ3150000

CAS Number : 79-00-5

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 10 ML/M3 (PPM); 55 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 50 ML/M3 (PPM); 275 MG/M3; AVERAGE VALUE; 2X/SHIFT. DANGER OF CUTANEOUS ABSORPTION. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIB). MAK VALUE THEREFORE TENTATIVELY RETAINED. VAPOUR PRESSURE: 2.5 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>THIS SUBSTANCE BELONGS TO CLASS 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>
EC	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 CONTAINER IN A WELL-VENTILATED PLACE (S 9). 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>
BR	REG	AIR	OCC	OES	<p>8H-TWA: 45 MG/M3 (10 PPM). STEL (10 MIN-TWA): 90 MG/M3 (20 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>
BR	REG	TRNSP AQ	MARIN MARIN EMI	RQR RSTR RSTR	<p>CATEGORY B SUBSTANCE: DISCHARGE INTO THE SEA IS PROHIBITED; DISCHARGE OF TANK WASHINGS AND RESIDUAL MIXTURES IS SUBJECT TO RESTRICTIONS.</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>
BR	REG	AIR	OCC	OES	<p>8H-TWA: 45 MG/M3 (10 PPM) - 10 MIN- STEL: 90 MG/M3 (20 PPM) - SKIN ABSORPTION -</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : 1,1,2-Trichloroethane

RTECS Number : KJ3150000

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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 TRICHLOROETHANE)</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: 55 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 45 MG/M3 (10 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 90 MG/M3 (20 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>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>500 PPM</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,216,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,216,1990 <u>Entry / Update</u> : OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME-WEIGHTED AVG (TWA) 10 PPM, 55 MG/M3, SKIN THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,,,,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,,,,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AQ	DRINK	CLASS	<p>FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT.</p> <p><u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED:</p> <p><u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989</p> <p><u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	<p>FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>

Common Name : 1,1,2-Trichloroethane

RTECS Number : KJ3150000

CAS Number : 79-00-5

Area Type Subject Spec. Description Level / Summary Information :

SA	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
SA	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
ISA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THOSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Entry / Update :</u> SEP1991
ISA	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
ISA	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
ISA	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
SA	REG	FOOD TRANS STORE PACK	ADDIT	RSTR RSTR RSTR RSTR	THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES USED TO PREPARE ADHESIVES WHICH MAY BE SAFELY USED AS COMPONENTS OF ARTICLES INTENDED FOR USE IN PACKAGING, TRANSPORTATION, OR HOLDING FOOD IN ACCORDANCE WITH THE FOLLOWING PRESCRIBED CONDITIONS: SUBSTANCE MUST BE SEPARATED FROM THE FOOD BY A FUNCTIONAL BARRIER, MUST NOT EXCEED LIMITS OF GOOD MANUFACTURING PRACTICE USED WITH DRY FOODS, OR NOT EXCEED TRACE AMOUNTS AT SEAMS AND EDGE EXPOSURES WHEN USED WITH FATTY AND AQUEOUS FOODS. ALSO REGULATED BY SEA M INTEGRITY, LABELING STANDARDS, AND ANY PROVISION UNDER 21 CFR 175 <u>Title :</u> SUBSTANCES FOR USE ONLY AS COMPONENTS OF ADHESIVES <u>Reference :</u> FEREAC,42,,14534,1977 <u>Effective Date :</u> 1977 <u>Last Amendment :</u> CFRUS*,21,175,105,1988 <u>Entry / Update :</u> NOV1991

Common Name : 1,1,2-Trichloroethane

RTECS Number : KJ3150000

CAS Number : 79-00-5

Area Type Subject Spec. Description Level / Summary Information :

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

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

USA	REG	MONIT	-	RQR	
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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 OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.

Title : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)Reference : FEREAC,51,,32726,1986Effective Date : 1986Last Amendment : CFRUS*,40,716,120,1990Entry / Update : OCT1991

Common Name : Trichloroethylene

TECS Number : KX4550000

CAS Number : 79-01-6

Reg. Type Subject Spec. Description Level / Summary Information :

Reg. Type	Subject	Spec.	Description	Level / Summary Information	
3	REG	AIR	OCC	MPC	<p>8H-TWA: 270 MG/M3 (50 PPM); 15 MIN - STEL: 1080 MG/M3 (200 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*,24170,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
N	REC	AQ	DRINK	GL MAC	<p>MAC: 0.05 MG/L. PROPOSED LEVEL 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>
N	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.025 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>
N	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>
N	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1710. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 109, 110. 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>

Common Name : Trichloroethylene

RTECS Number : KX4550000

CAS Number : 79-01-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	AIR	OCC	TLV	<p>TWA: 50 PPM, 270 MG/M3; STEL: 200 PPM, 1,080 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	DRINK	MAC	<p>0.03 MG/L</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> GSNOR*,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: 250.0 MG/M3; CLV: 1250.0 MG/M3</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,,1985 <u>Entry / Update :</u> DEC1991</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS)</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	BAT	<p>BLOOD: 5 MG/L, AS TRICHLOROETHANOL. URINE: 100 MG/L, AS TRICHLOROACETIC ACID. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT; FOR LONG-TERM EXPOSURES: AFTER SEVERAL SHIFTS.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,99,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> FEB1992</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 50 ML/M3 (PPM); 270 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 250 ML/M3 (PPM); 1350 MG/M3; AVERAGE VALUE; 2X/SHIFT. SUSPECTED OF HAVING CARCINOGENIC POTENTIAL (GROUP IIB). 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. VAPOUR PRESSURE: 7.7 KPA AT 20C.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AQ USE	-	CLASS RQR	<p>INDST</p>

Common Name : **Trichloroethylene**

TECS Number : **KX4550000**

CAS Number : **79-01-6**

Area Type Subject Spec. Description Level / Summary Information :

EU	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>
EU	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>
EU	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,,J,2612,1990 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
EU	REG	FOOD	-	MPC	<p>ALL FOOD PRODUCTS: 0.1 MG/KG. APPLIES TO TRICHLOROETHENE. ALL FOOD PRODUCTS: 0.2 MG/KG. APPLIES TO THE SUM OF TETRACHLOROETHENE, TRICHLOROETHENE, AND TRICHLOROMETHANE.</p> <p><u>Title</u> : ORDINANCE ON MAXIMUM LIMITS OF SOLVENTS (LOESUNGSMITTEL-HOECHSTMENGENVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,J,1568,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EU	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>
EU	REG	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,,J,1918,1989 <u>Effective Date</u> : 01JAN1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>

Common Name : Trichloroethylene

RTECS Number : KX4550000

CAS Number : 79-01-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	USE AIR WASTE	INDST EMI REMOV	RSTR MPC RSTR RQR	TRICHLOROETHENE MAY NOT BE USED AS A SOLVENT IN DRY CLEANING ESTABLISHMENTS, TEXTILE FINISHING PLANTS, AND EXTRACTION PLANTS. IT MAY BE USED AS A SOLVENT IN SURFACE TREATMENT PLANTS. EMISSIONS OF 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. <u>Title</u> : ORDINANCE ON THE LIMITING OF EMISSIONS OF HIGHLY VOLATILE HALOGENATED HYDROCARBONS (VERORDNUNG ZUR EMISSIONSBEGRENZUNG VON LEICHTFLUECHTIGEN HALOGENKOHLENWASSERSTOFFEN - 2. BIMSCHV) <u>Reference</u> : BGZBAD,,1,2694,1990 <u>Effective Date</u> : 01MCH1991 <u>Last Amendment</u> : BGZBAD,,1,1218,1991 <u>Entry / Update</u> : DEC1991
EEC	REG	USE GOODS	- CONSM	PRO PRO	MAY NOT BE USED IN: ORNAMENTAL OBJECTS INTENDED TO PRODUCE LIGHT OR COLOUR EFFECTS BY MEANS OF DIFFERENT PHASES, FOR EXAMPLE IN ORNAMENTAL LAMPS AND ASHTRAYS; TRICKS, JOKES; GAMES FOR ONE OR MORE PARTICIPANTS, OR ANY OBJECT INTEND TO BE USED AS SUCH, EVEN WITH ORNAMENTAL ASPECTS. <u>Title</u> : COUNCIL DIRECTIVE OF 27 JULY 1976 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES RELATING TO RESTRICTIONS ON THE MARKETING AND USE OF CERTAIN DANGEROUS SUBSTANCES AND PREPARATIONS. (76/769/EEC). <u>Reference</u> : OJEC**,L262,,201,1976 <u>Effective Date</u> : 31DEC1976 <u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992
EEC	REG	AQ MONIT	EMI INDST	MXL RQR	LIMIT VALUES FOR EMISSION STANDARDS FOR DISCHARGES OF TRICHLOROETHYLENE FROM INDUSTRIAL PLANTS INTO THE AQUATIC ENVIRONMENT: (A) TRICHLOROETHYLENE (TRI) AND PERCHLOROETHYLENE (PER) PRODUCTION (VALUES REFER TO THE OVERALL TRI+PER PRODUCTION CAPACITY IN TONNES): 10 G/TONNE OVERALL TRI+PER PRODUCTION CAPACITY (MONTHLY) AND 20 G/TONNE (DAILY), RESP. 2 AND 4 MG/L AS FROM 1.1.1993; 2, 5 G/TONNE (MONTHLY) AND 5 G/TONNE (DAILY), RESP. 0,5 AND 1 MG/L AS FROM 1.1.1995. (B) USE OF TRI FOR DEGREASING METALS: 0,1 MG/L (MONTHLY) AND 0,2 MG/L (DAILY) AS FROM 1.1.1993. QUALITY OBJECTIVES FOR THE AQUATIC ENVIRONMENT: 10 UG/L. REFERENCE METHOD OF MEASUREMENT: GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION. <u>Title</u> : COUNCIL DIRECTIVE OF 12 JUNE 1986 ON LIMIT VALUES AND QUALITY OBJECTIVES FOR DISCHARGES OF CERTAIN DANGEROUS SUBSTANCES INCLUDED IN LIST I OF THE ANNEX TO DIRECTIVE 76/464/EEC. (86/280/EEC). <u>Reference</u> : OJEC**,L181,,16,1986 <u>Effective Date</u> : 01JAN1986 <u>Last Amendment</u> : OJEC**,L219,,49,1990 <u>Entry / Update</u> : JAN1992
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAYS (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER (S 23)); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 1%: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). <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> : 1JUL1967 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
FW	REC	FOOD	-	ADI	NO ADI ALLOCATED <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1983 <u>Last Amendment</u> : WHFAAC,18,,7,1983 <u>Entry / Update</u> : APR1992
GBR	REG	USE	OCC	RSTR RQR	IN THE INDIA RUBBER INDUSTRY NO PERSON UNDER 18 YEARS OF AGE SHALL BE EMPLOYED IN ANY PROCESS IN WHICH THE FOLLOWING MATERIALS ARE USED OR ARE GIVEN OFF AS VAPOUR: CARBON DISULFIDE, CHLORIDE OF SULFUR, BENZENE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE OR ANY CARBON CHLORINE COMPOUND. NOR SHOULD ANY PERSON UNDER 16 YEARS OF AGE BE EMPLOYED IN ANY ROOM IN WHICH ANY SUCH PROCESS IS CARRIED OUT. MEDICAL SURVEILLANCE AND OTHER REQUIREMENTS FOR PERSONS INVOLVED IN SUCH PROCESS ARE LISTED. (INDIA RUBBER MANUFACTURE REGULATION 1922, S.I.1922: NO.329 AS LAST AMENDED BY THE REFERENCE GIVEN) <u>Title</u> : THE EMPLOYMENT MEDICAL ADVISORY SERVICE (FACTORIES ACT ORDERS ETC AMENDMENT) ORDER 1973 <u>Reference</u> : GBRSI*,36,,1973 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : JUN1986

Common Name : Trichloroethylene

ECS Number : KX4550000

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Type	Subject	Spec.	Description	Level / Summary Information :
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REG	AQ MONIT	DRINK	MPC RQR	<p>30UG/L MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OVER THE PRECEDING 12 MONTHS IN WATER SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATION ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE WATER SUPPLY (WATER QUALITY) REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,1147,,1989 <u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> GBRSI*,1837,,1991 <u>Entry / Update :</u> 1992</p>
REG	AQ MONIT	DRINK	MPC RQR	<p>30 UG/L AS MAXIMUM ADMISSIBLE AVERAGE CONCENTRATION OVER THE PRECEDING 12 MONTHS IN WATER SUPPLIED FROM PRIVATE SUPPLIES FOR DRINKING, WASHING OR COOKING OR FOR FOOD PRODUCTION PURPOSES. THE REGULATIONS ALSO SPECIFY SAMPLING FREQUENCIES. (THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 80/778/EEC).</p> <p><u>Title :</u> THE PRIVATE WATER SUPPLIES REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,2790,,1991 <u>Effective Date :</u> 01JAN1992</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
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>
REG	AIR	OCC	MEL	<p>8H-TWA: 535 MG/M3 (100 PPM); 10 MIN-TWA: 802 MG/M3 (150 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>
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>
REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. UN NO.1710.</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>
REC	AIR	OCC	MAC	<p>TWA: 270 MG/M3 (50 PPM)</p> <p><u>Title :</u> MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference :</u> SAIGBL,33,4,277-287,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
REG	GOODS	CONSM	MXL	<p>THERE SHOULD BE LESS THAN 0.1% (MEASURED BY GAS-CHROMATOGRAPHY WITH ELECTRON-CAPTURE DETECTION) IN AEROSOL PRODUCTS AND CLEANSERS 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> 01OCT1984</p> <p><u>Last Amendment :</u> CHPHS*,1984 <u>Entry / Update :</u> NOV1991</p>

Common Name : Trichloroethylene

RTECS Number : KX455000

CAS Number : 79-01-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
JPN	REG	CLASS MANUF IMPRT LABEL	-	CLASS RSTR RSTR RQR	<p>A CLASS II SPECIFIED CHEMICAL SUBSTANCE (=A SUBSTANCE WHICH, EITHER IN ITSELF OR O OF ITS DEGRADATION PRODUCTS, IS NOT EASILY DEGRADABLE AND WHICH MAY BE HARMFU TO HUMAN HEALTH WHEN INGESTED CONTINUOUSLY AND WHICH IS CONSIDERED TO CAUSE 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. AUTHORIT CONCERNED MAY ORDER A CHANGE OF THE AMOUNT IN ORDER TO PREVENT DAMAGE TO HUMAN HEALTH BY ENVIRONMENTAL POLLUTION.</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> 29MCH1</p> <p><u>Last Amendment :</u> JPNCO*,,,1990 <u>Entry / Update :</u> NOV199</p>
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 0.03 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> DEC199</p>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIM PERMISSIBLE LEVEL OF 535 MG/M3 (100 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS C 1080 MG/M3 (200 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 HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference :</u> DOMEX*,,,1984 <u>Effective Date :</u> 28MAY1</p> <p><u>Last Amendment :</u> DOMEX*,,,1989 <u>Entry / Update :</u> DEC199</p>
RUS	REG	AQ	SURF	PSL CLASS	<p>0.06 MG/L HAZARD CLASS: II</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 1JAN19</p> <p><u>Last Amendment :</u> SPNPV*,4630-88,,,1988 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 10.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1</p> <p><u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY199</p>
RUS	REG	AIR	AMBI	MAC	<p>4.0 MG/M3 1X/D; 1.0 MG/M3 AV/D.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> AUG198</p> <p><u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP198</p>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 50 MG/M3 (10 PPM); 15 MIN - STEL: 140 MG/M3 (25 PPM). CARCINOGENIC.</p> <p><u>Title :</u> HYGIENIC LIMIT VALUES.</p> <p><u>Reference :</u> AFS***,1990:13,,5-64,1990 <u>Effective Date :</u> 01JUL19</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 PRESENTI MINOR DANGER. UN NO.1710.</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> SEP198</p>
USA	REC	SAFTY USE	OCC OCC	MXL MXL	<p>1000 PPM</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,228,1990 <u>Effective Date :</u> JUN199</p> <p><u>Last Amendment :</u> XPHPAW,90,117,228,1990 <u>Entry / Update :</u> OCT199</p>

Common Name : Trichloroethylene

ECS Number : KX4550000

CAS Number : 79-01-6

Type	Subject	Spec.	Description	Level / Summary Information :
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REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 50 PPM, 269 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 200 PPM, 1070 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>
REC	AQ	CONSM	MPC	<p>0.005 MG/LBOTTLED WATER. WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN PARAGRAPH (D) (3) (II) OF SECTION 103.35 55 FR 27834, SHALL NOT CONTAIN THE FOLLOWING VOLATILE ORGANIC CHEMICAL SUBSTANCES IN EXCESS OF THE CONCENTRATIONS SPECIFIED.</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> : 1990</p> <p><u>Last Amendment</u> : FEREAC,55,,27834,1990 <u>Entry / Update</u> : NOV1991</p>
REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	<p>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 10 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 55 GALLONS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. 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>
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>
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>
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>
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 : Trichloroethylene

RTECS Number : KX4550000

CAS Number : 79-01-6

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	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 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 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
		AQ	GRND	MXL	
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 LEVEL ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title :</u> SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference :</u> FEREAC,40,,59570,1975 <u>Effective Date :</u> 1975 <u>Last Amendment :</u> CFRUS*,40,141,,1991 <u>Entry / Update :</u> OCT1991
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	THIS CHEMICAL, IF DISCARDED, MUST BE TREATED AS AN ACUTE HAZARDOUS WASTE. ACUTE HAZARDOUS WASTES REGULATIONS ARE MORE RESTRICTIVE FOR EXCLUSION. ANY RESIDUE OF THIS CHEMICAL LABELED AS ACUTELY HAZARDOUS AND REMAINING IN A CONTAINER, OR AN INNER LINER R EMOVED FROM A CONTAINER, IS CONSIDERED A HAZARDOUS WASTE IF DISCARDED UNLESS TRIPLE RINSING OR OTHER CLEANING MEASURES ARE TAKEN (40 CFR 261.33E). <u>Title :</u> RCRA-RESOURCE AND CONSERVATION RECOVERY ACT: DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF. <u>Reference :</u> FEREAC,45,,78541,1980 <u>Effective Date :</u> 1980 <u>Last Amendment :</u> CFRUS*,40,261,33,1990 <u>Entry / Update :</u> JAN1992
USA	REG	WASTE AQ	- GRND	MPC MPC MPC	0.5 MG/L THIS CHEMICAL IS A CONTAMINANT CONTAINED IN WATER WHICH MAY NOT EXCEED THE GIVEN CONCENTRATION WHEN EXTRACTED BY THE PROCEDURE DESCRIBED IN 40 CFR 261 APP II. THIS APPLIES TO WASTES DISPOSED OF IN SUCH A MANNER AS TO ALLOW THE CONTAMINANTS LISTED TO LEA CH INTO GROUND WATER OR RUN OFF INTO SURFACE WATERS. <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

Common Name : Trichloroethylene

TECS Number : KX4550000

CAS Number : 79-01-6

Reg. Type Subject Spec. Description Level / Summary information :

Reg. Type	Subject	Spec.	Description	Level / Summary information
IA 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>
IA 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>
IA 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> 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>
IO REC	AQ	DRINK	GL	<p>70 UG/L; PROVISIONAL GUIDELINE VALUE</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 : Trichloronate

RTECS Number : TB0700000

CAS Number : 327-98-0

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	FOOD	PESTI	MRL	<p>SPECIFIED PLANT PRODUCTS: 0.05 - 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.01 MG/KG.</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> 22MCH19</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> 01SEP19</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 (SEI 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> 15JUN19</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
EEC	REG	CLASS LABEL SALE	PESTI	CLASS RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN TRICHLORONATE 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 SWALLOWED (R 28); DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY 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) (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>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- >30%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 30-8% (SOLID) OR 30-3% (LIQUID).</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,6222,1990 <u>Entry / Update :</u> JAN1991</p>
SWE	REG	FOOD	PESTI	MTC	<p>FRUITS AND VEGETABLES: 0.4 MG/KG</p> <p><u>Title :</u> THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE WITH AMENDMENTS OF THE NATIONAL FOOD ADMINISTRATION'S ORDINANCE (SLV FS 1983:1) ON FOREIGN SUBSTANCES IN FOOD. STATENS LIVSMEDELSVERKS KUNGOERELSE OM AENDRING I KUNGOERELSEN (1983:1) MED FOERESKRIFTER OM FRAEMMANDE AEMNEN I LIVSMEDI</p> <p><u>Reference :</u> SLVFS*,1983:1,,,1983 <u>Effective Date :</u> 01JAN19</p> <p><u>Last Amendment :</u> SLVFS*,1989:29,,,1989 <u>Entry / Update :</u> 1992</p>

Common Name : **Trichloronate**

ECS Number : **TB0700000**

CAS Number : **327-98-0**

Reg Type Subject Spec. Description Level / Summary Information :

REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 100- >30%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 30-8% (SOLID) OR 30-3% (LIQUID).
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Title :

Reference :

Effective Date :

Last Amendment : UNTDG*,162,1989

Entry / Update : MAY1986

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

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

Reference : FEREAC,52,,13395,1987

Effective Date : 1987

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

Entry / Update : OCT1991

Common Name : 2,4,5-Trichlorophenol

RTECS Number : SN1400000

CAS Number : 95-95-4

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>HISTORICAL STATUS. DATE OF LAST OCCURRENCE: 1985. CODE TCH. 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> 11AUG198</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CSK	REG	AQ	DRINK	MAC	<p>0.001 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>
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,,1,1931,1991 <u>Effective Date :</u> 15JUN199</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1992</p>
DEU	REG	AIR	EMI	MPC	<p>TRICHLOROPHENOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title :</u> TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference :</u> GMSMA6,,7,93,1986 <u>Effective Date :</u> 01MCH198</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,,1,1891,1991 <u>Effective Date :</u> 01SEP199</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>

Common Name : 2,4,5-Trichlorophenol

TECS Number : SN1400000

CAS Number : 95-95-4

Reg Type Subject Spec. Description Level / Summary Information :

Reg	Type	Subject	Spec.	Description	Level / Summary Information
IC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22). XI - IRRITANT; IRRITATING TO EYES AND SKIN (R 36/38). LABEL: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES AND SKIN (R 36/38); IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE (S 26); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 20%: XN - HARMFUL; HARMFUL IF SWALLOWED (R 22); IRRITATING TO EYES AND SKIN (R 36/38). FROM 5% TO 20%: 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>
D	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,,1,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
IE	REG	AIR	OCC	HLV	<p>ID-TWA: 0.5 MG/M3; 15 MIN - STEL: 1.5 MG/M3. SKIN ABSORPTION, CARCINOGENIC. (APPLIES TO TRICHLOROPHENOL AND SALTS)</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>
A	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>
A	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>
A	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 : 2,4,5-Trichlorophenol

RTECS Number : SN1400000

CAS Number : 95-95-4

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 2,4,5-TRICHLOROPHENOL, 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	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>
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 AQ AQ	- - GRND	MPC MPC MPC	<p>400.0 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>

Common Name : 2,4,6-Trichlorophenol

RTECS Number : SN1575000

CAS Number : 88-06-2

Area Type Subject Spec. Description Level / Summary Information :

AN	REC	AQ	DRINK	GL MAC	<p>MAC: 0.005 MG/L. AESTHETIC OBJECTIVE (AO) <= 0.002 MG/L. THESE LEVELS ARE SET ACCORDING TO GUIDELINES FOR CANADIAN DRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEY SPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : GWQUEQ,,,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
AN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: 0.002 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CCMEEC,,,1989 <u>Effective Date</u> : AUG1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
SK	REG	AQ	DRINK	MAC	<p>0.012 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>
EU	REG	AIR	EMI	MPC	<p>TRICHLOROPHENOLS BELONG TO CLASS I. THE AIR EMISSIONS OF ORGANIC COMPOUNDS MUST NOT EXCEED (AS THE SUM OF ALL COMPOUNDS IN ONE CLASS) THE FOLLOWING MASS CONCENTRATIONS: CLASS I - 20 MG/M3 AT A MASS FLOW OF >= 0.1 KG/H; CLASS II - 100 MG/M3 AT A MASS FLOW OF >= 2 KG/H; CLASS III - 150 MG/M3 AT A MASS FLOW OF >= 3 KG/H. IF COMPOUNDS FROM DIFFERENT CLASSES ARE PRESENT, THE MASS CONCENTRATION MUST NOT EXCEED 150 MG/M3 AT A TOTAL MASS FLOW OF >= 3 KG/H.</p> <p><u>Title</u> : TECHNICAL GUIDELINES FOR AIR POLLUTION CONTROL (TECHNISCHE ANLEITUNG ZUR REINHALTUNG DER LUFT)</p> <p><u>Reference</u> : GMSMA6,,7,93,1986 <u>Effective Date</u> : 01MCH1986</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
EU	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>
EC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: CARC.CAT.3; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS. 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); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES (S 36/37).</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
US	REG	AIR	AMBI	PSL	<p>0.003 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 : 2,4,6-Trichlorophenol

RTECS Number : SN1575000

CAS Number : 88-06-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
SWE	REG	AIR	OCC	HLV	1D-TWA: 0.5 MG/M3; 15 MIN - STEL: 1.5 MG/M3. SKIN ABSORPTION, CARCINOGENIC. (APPLIES TO TRICHLOROPHENOL AND SALTS) <u>Title</u> : HYGIENIC LIMIT VALUES. <u>Reference</u> : AFS***,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL19 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY. <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 3 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> : OCT199
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	2.0 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 261.33E. 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 WATER. <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	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 SPIG 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 SPIG RESIDUES THEREOF. <u>Reference</u> : FEREAC,45,,78541,1980 <u>Effective Date</u> : 1980 <u>Last Amendment</u> : CFRUS*,40,261,33,1990 <u>Entry / Update</u> : JAN1992
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING THESE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLESS OTHERWISE STATED. <u>Title</u> : LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference</u> : FEREAC,52,,25947,1987 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,264,,1990 <u>Entry / Update</u> : SEP199
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	10 (4.54) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP199

Common Name : 2,4,6-Trichlorophenol

ECS Number : SN1575000

CAS Number : 88-06-2

Type	Subject	Spec.	Description	Level / Summary Information :
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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>
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>
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>
REC	AQ	DRINK	GL	<p>200 UG/L (FOR 1/100 000 EXCESS CANCER RISK). CONCENTRATIONS OF THE SUBSTANCE AT OR BELOW THE HEALTH-BASED GUIDELINE VALUE MAY AFFECT THE APPEARANCE, TASTE, OR ODOUR OF THE WATER. 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 : **Trichothecin**

RTECS Number :

CAS Number : **6379-69-7**

<u>Area</u>	<u>Type</u>	<u>Subject</u>	<u>Spec.</u>	<u>Description</u>	<u>Level / Summary Information :</u>
RUS	REG	FOOD	-	MRL	LIMIT FOR SPECIFIED FOOD PRODUCTS: 1.0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Effective Date :</u> JAN1988 <u>Entry / Update :</u> JUL1990
RUS	REG	FOOD	-	MRL	LIMIT FOR SPECIFIED FOOD PRODUCTS: 1.0 MG/KG. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> MDUPP*,2823-83,,,1983 <u>Effective Date :</u> JUN1983 <u>Entry / Update :</u> OCT1985
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS BIOPESTICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Effective Date :</u> 1JAN1986 <u>Entry / Update :</u> NOV1987
RUS	REG	AIR	OCC	PSL	CLV : 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

Common Name : Trifluralin

RTECS Number : XU9275000

CAS Number : 1582-09-8

Area Type Subject Spec. Description Level / Summary Information :

REG	REG	GOODS	-	MRL	TOBACCO: 0 MG/KG <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u>	<u>Effective Date :</u> 20DEC1971 <u>Entry / Update :</u> MAY1985
IRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 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>Last Amendment :</u>	<u>Effective Date :</u> <u>Entry / Update :</u> AUG1985
AN	REC	AQ		DRINK GL MAC	INTERIM MAXIMUM ACCEPTABLE CONCENTRATION (IMAC): 0.045 MG/L. PROPOSED LEVEL 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> NOV1991
AN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS HERBICIDE. (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION; GRANULAR). CODE TRF. 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
AN	REG	FOOD LABEL SALE IMPRT PACK	CONSM	MRL PRO AL	TABLE II - SPECIFIED PLANT PRODUCTS, MRL = 0.5 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>Last Amendment :</u>	<u>Effective Date :</u> 25NOV1976 <u>Entry / Update :</u> MAY1991
SK	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
EU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.5 - 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,,1,1861,1989 <u>Last Amendment :</u> BGZBAD,,1,481,1990	<u>Effective Date :</u> 22MCH1990 <u>Entry / Update :</u> DEC1991

Common Name : Trifluralin

RTECS Number : XU9275000

CAS Number : 1582-09-8

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 TRIFLURALIN 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 TRIFLURALIN 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 1981</p> <p><u>Reference :</u> GBRSI*,1156,,2,1989 <u>Effective Date :</u> 01SEP1981</p> <p><u>Last Amendment :</u> GBRSI*,1629,,,1990 <u>Entry / Update :</u> 1992</p>
GBR	REG	AQ MANUF	EMI INDST	PRO RSTR	<p>TRIFLURALIN 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	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: 0.5-1.0 MG/KG.</p> <p><u>Title :</u> THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978</p> <p><u>Reference :</u> GSKEN*,40,,410,1978 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> SEP1982</p>
RUS	REG	FOOD	-	MRL ADI	<p>LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.01-0.5 MG/KG; ADI = 0.01 MG/KG BW (CALCULATED VALUE).</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> JAN1919</p> <p><u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Entry / Update :</u> JUL1990</p>
RUS	REG	AQ	SURF	MAC	<p>SURFACE WATER FOR FISHING : 0.3 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>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 3.0 MG/M3 (VAPOUR + AEROSOL) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1981</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: 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	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 : Trifluralin

TECS Number : XU9275000

CAS Number : 1582-09-8

Area Type Subject Spec. Description Level / Summary Information :

US	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></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>
US	REG	FOOD	-	MRL ADI	<p>LIMITS FOR SPECIFIED FOOD PRODUCTS: 0.01-0.5 MG/KG; ADI = 0.01 MG/KG (CALCULATED VALUE)</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>
US	REG	SOIL	-	PSL	<p>0.1 MG/KG</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> ODKPP*,2402-81,,,1981</p> <p><u>Effective Date :</u> JUN1981</p> <p><u>Entry / Update :</u> OCT1985</p>
WE	REG	SALE USE LABEL STORE CLASS	PESTI PESTI	PRMT PRMT RQR RQR CLASS	<p>THE SUBSTANCE IS AN ACTIVE INGREDIENT IN PESTICIDE FORMULATIONS WHICH ARE REGISTERED AT THE CHEMICALS INSPECTORATE AND THEREFORE MAY BE MARKETED AND USED. RULES FOR LABELLING, STORAGE, HANDLING AND USE OF THE PESTICIDE FORMULATIONS ARE LAID DOWN BY THE CHEMICALS INSPECTORATE, WHICH ALSO CLASSIFIES EACH FORMULATION INTO ONE OF THREE CLASSES (CLASS 1. PESTICIDES THAT MAY ONLY BE USED PROFESSIONALLY BY SOMEONE HOLDING A SPECIAL PERMIT. 2. PESTICIDES THAT MAY BE USED PROFESSIONALLY. 3. PESTICIDES THAT MAY BE USED BY ANYONE.</p> <p><u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMKALIEINSPEKTIONENS FOERTECKNING OEVER BEKAEMPNINGSMEDEL MM APRIL 1991.</p> <p><u>Reference :</u> PFBEK*,,,1991</p> <p><u>Last Amendment :</u></p> <p><u>Effective Date :</u> **APR1992</p> <p><u>Entry / Update :</u> JAN1992</p>
EA	REC	AIR	OCC	TLV	<p>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.</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>
EA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, TRIFLURALIN, 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>
EA	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>
EA	REG	AQ	DRINK	CLASS	<p>AN EPA KNOWN OR ANTICIPATED CONTAMINANT WHICH MAY REQUIRE REGULATION UNDER THE SAFE DRINKING WATER ACT OF 1988 SECTION 1412(B) (3) (A).</p> <p><u>Title :</u> SDWA PRIORITY LIST OF DRINKING WATER CONTAMINANTS</p> <p><u>Reference :</u> FEREAC,53,,1892,1988</p> <p><u>Last Amendment :</u> FEREAC,56,,1473,1991</p> <p><u>Effective Date :</u> 1988</p> <p><u>Entry / Update :</u> OCT1991</p>

Common Name : Trifluralin

RTECS Number : XU9275000

CAS Number : 1582-09-8

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
WHO	REC	AQ	DRINK	GL	20 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER.
		AQ	PESTI	GL	
					<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 : Triforine

TECS Number : TK9200000

CAS Number : 26644-46-2

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
RA	REG	FOOD USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.01-2 MG/KG; SECURITY INTERVAL: 5-30 DAYS; PROVISIONAL TOXICITY CLASS: IV (I = MOST TOXIC, IV = LEAST TOXIC); USE IN AGRICULTURE: AUTHORIZED; USE IN DOMESTIC SANITATION: NOT AUTHORIZED.

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

Reference : SBTAP*,1,1984

Effective Date :

Last Amendment :

Entry / Update : AUG1985

AN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL DOMESTIC USE AS FUNGICIDE (AGRICULTURAL). (FORMULATION: EMULSIFIABLE CONCENTRATE OR EMULSION). CODE TRR. 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.
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Title :

Reference : CAGAAK,122,18,3601,1988

Effective Date : 11AUG1988

Last Amendment :

Entry / Update : JUN1991

SK	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

EU	REG	FOOD	PESTI	MRL	SPECIFIED PLANT PRODUCTS: 0.2 - 50.0 MG/KG. OTHER PLANT PRODUCTS: 0.02 MG/KG.
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Title : ORDINANCE ON MAXIMUM LIMITS OF PLANT PROTECTING AGENTS (PFLANZENSCHUTZMITTEL-HOECHSTMENGENVERORDNUNG)

Reference : BGZBAD,,I,1861,1989

Effective Date : 22MCH1990

Last Amendment : BGZBAD,,I,481,1990

Entry / Update : DEC1991

W	REC	FOOD FOOD	-	ADI MRL	ADI: 0.02 MG/KG BW; MRL: PEACHES: 5 MG/KG; APPLES, CHERRIES, PLUMS: 2 MG/KG; BEANS, BLUEBERRIES, CURRANTS (BLACK,RED), GOOSEBERRIES, STRAWBERRIES: 1 MG/KG; CUCURBITS, TOMATOES: 0.5 MG/KG; BRUSSELS SPROUTS: 0.2 MG/KG; CEREAL GRAINS: 0.1 MG/KG; TAMARILLO: 0.02 MG/KG (DETERMINED AS CHLORAL HYDRATE AND EXPRESSED AS TRIFORINE)
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Title :

Reference :

Effective Date : 1986

Last Amendment : FAOCA*,XIII,,116-IV,1986

Entry / Update : APR1991

BR	REG	USE	PESTI	PRMT	APPROVED AS A SYSTEMIC FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED
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Title : APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983

Reference : APFG**,89,1983

Effective Date :

Last Amendment :

Entry / Update : 1983

JS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01-0.1 MG/KG; ADI = 0.002 MG/KG
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Title :

Reference :

Effective Date : JAN1988

Last Amendment : MDUPP*,4540-87,,1987

Entry / Update : JUL1990

JS	REG	FOOD	-	MRL ADI	LIMIT FOR SPECIFIED FOOD PRODUCTS: 0.01-0.1 MG/KG; ADI = 0.002 MG/KG BW.
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Title :

Reference :

Effective Date : JAN1988

Last Amendment : MDUPP*,4540-87,,1987

Entry / Update : JUL1990

JS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED.
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Title :

Reference :

Effective Date : 1JAN1986

Last Amendment : SCHSB*,1986-90,,1987

Entry / Update : NOV1987

Common Name : **Triforine**RTECS Number : **TK9200000**CAS Number : **26644-46-2**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 TRIFORINE THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B</p> <p><u>Reference</u> _____: FEREAC,54,100,22706,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,100,22706,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : Triphenyl Phosphate

RTECS Number : TC8400000

CAS Number : 115-86-6

Area Type Subject Spec. Description Level / Summary Information :

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,,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: 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". <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
EU	REC	AIR	OCC	MAK	EXPERIENCE IN HUMANS OR IN ANIMAL EXPERIMENTATION HAS NOT PROVIDED SUFFICIENT INFORMATION FOR ESTABLISHMENT OF A MAK VALUE. COMPONENT OF METAL-WORKING FLUIDS. <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
BR	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
EX	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 OR 6 MG/M3 FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR. <u>Title :</u> INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,,1989 <u>Entry / Update :</u> DEC1991
US	REG	AIR	OCC	MAC CLASS	CLV: 1.0 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Entry / Update :</u> MAY1990

Common Name : Triphenyl Phosphate

RTECS Number : TC8400000

CAS Number : 115-86-6

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 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. <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> : FEREC,47,,26998,1982 <u>Effective Date</u> : 1982 <u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991

Common Name : Turpentine

TECS Number : YO8400000

CAS Number : 8006-64-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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REG	REG	AIR	OCC	MPC	<p>8H-TWA : 560 MG/M3 (100 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>
REC	REC	AIR	OCC	MAC	<p>TWA: 280 MG/M3 (50 PPM), TENTATIVE VALUE.</p> <p><u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.</p> <p><u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : Urea

RTECS Number : YR6250000

CAS Number : 57-13-6

Area Type Subject Spec. Description Level / Summary Information :

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 MXL	<p>COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. MAXIMUM LIMIT FOR THE FINAL PRODUCTS: 30 MG/G.</p> <p><u>Title</u> : DIRECTIVE NO. 62 ON HYGIENIC REQUIREMENTS ON RUBBERS AND RUBBER GOODS COMING IN CONTACT WITH FOODSTUFFS AND HUMAN ORGANISM</p> <p><u>Reference</u> : HPMZC*,54,,1982 <u>Effective Date</u> : 1JAN1983</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	GOODS	-	RSTR MXL	<p>MAXIMUM LIMITS IN COSMETICS: 50 MG/G</p> <p><u>Title</u> : DIRECTIVE NO. 34 ON HYGIENIC REQUIREMENTS ON COSMETICS, DETERGENTS, AND GOODS OF PERSONAL USE</p> <p><u>Reference</u> : HPMZC*,32,,1970 <u>Effective Date</u> : 1JAN1971</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	REC	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>
EEC	REG	FEED	-	PRMT	<p>TECHNICALLY PURE UREA MAY BE MARKETED AS FEEDINGSTUFF UNDER THE CONDITIONS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 30 JUNE 1982 CONCERNING CERTAIN PRODUCTS USED IN ANIMAL NUTRITION (82/471/EEC).</p> <p><u>Reference</u> : OJEC**,L213,,8,1982 <u>Effective Date</u> : 01JUL1988</p> <p><u>Last Amendment</u> : OJEC**,L239,,36,1988 <u>Entry / Update</u> : SEP1987</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 SOFTENER; MAXIMUM CONTENT OF SOFTENERS IN TOTAL: 27%.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 25 APRIL 1983 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES MADE OF REGENERATED CELLULOSE FILM INTENDED TO COME INTO CONTACT WITH FOODSTUFFS. (83/229/EEC).</p> <p><u>Reference</u> : OJEC**,L123,,31,1983 <u>Effective Date</u> : 01APR1987</p> <p><u>Last Amendment</u> : OJEC**,L228,,32,1986 <u>Entry / Update</u> : OCT1987</p>
GBR	REG	TRNSP 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 SOLUTION WITH AMMONIUM NITRATE CONTAINING AQUA AMMONIA).</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 : Urea

RTECS Number : YR6250000

CAS Number : 57-13-6

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. (APPLIES TO UREA SOLUTION WITH AMMONIUM MONO-HYDROGEN PHOSPHATE, AMMONIUM DI-HYDROGEN PHOSPHATE AND POTASSIUM CHLORIDE, APPLIES ALSO TO UREA SOLUTION WITH AMMONIUM NITRATE, AND ALSO TO UREA SOLUTION WITH AMMONIUM PHOSPHATE). <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 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 SOLUTION). <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
KEN	REG	FOOD	ADDIT	PRMT	FOOD ADDITIVE PERMITTED AS YEAST FOOD. 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,,406,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 80.0 MG/L <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : PDKTV*,,,,1978 <u>Entry / Update</u> : SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV: 10 MG/M3 (AEROSOL) HAZARD CLASS: II <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 01JAN1989 <u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990
RUS	REG	AIR	OCC	MAC CLASS	CLV: 25 MG/M3 (VAPOUR, AEROSOL- APPLIES TO FERTILIZER MIXT. WITH AMMONIA); HAZ. CLASS: IV <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
RUS	REG	AIR	AMBI	MAC	0.2 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
ISA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME UREA; SUMMARY - THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA CALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992

Common Name : Valeraldehyde

RTECS Number : YV360000

CAS Number : 110-62-3

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
ARG	REG	AIR	OCC	MPC	8H-TWA : 175 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,,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.): UN2058. 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> NOV1991
CAN	REG	AIR	OCC	TLV	TWA: 50 PPM, 175 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86". <u>Title :</u> <u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986 <u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991
CAN	REG	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987 <u>Last Amendment :</u> <u>Entry / Update :</u> APR1991
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	SEE UNDER VALERALDEHYDE. 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
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = FLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). (APPLIES TO VALERALDEHYDES). UN No. 2058. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991

Common Name : Valeraldehyde

TECS Number : YV3600000

CAS Number : 110-62-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 175 MG/M3 (50 PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
IN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = FLAMMABLE LIQUID. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 2058</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>
ISA	REC	AIR	OCC	TLV	<p>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.</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 : **Vamidothion**RTECS Number : **TF7900000**CAS Number : **2275-23-2**Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-2 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.
					<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>
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	POMACEOUS FRUIT: 0.5 MG/KG. OTHER PLANT PRODUCTS: 0.05 MG/KG. APPLIES TO THE SUM OF VAMIDOTHION AND VAMIDOTHION SULFOXIDE, CALCULATED AS VAMIDOTHION.
					<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	FOOD	PESTI	MRL	PLANT (GENERAL): 0.05 MG/KG; POME FRUIT: 0.5 MG/KG (CALCULATED AS THE SUM OF VAMIDOTHION AND VAMIDOTHION SULFOXIDE).
					<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	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><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	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><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	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><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 : **Vamidothion**

TECS Number : **TF7900000**

CAS Number : **2275-23-2**

Area	Type	Subject	Spec.	Description	Level / Summary Information
BR	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	
BR	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	
BR	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	
BR	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	
BR	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	
D	REC	TRNSP LABEL PACK	MARIN	CLASS HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-30% (SOLID) OR 100-10% (LIQUID). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC**,,6222,1990 <u>Entry / Update :</u> JAN1991	
IS	REG	FOOD	-	MRL ADI LIMIT FOR SPECIFIED FOOD PRODUCTS : 0.2 MG/KG ; ADI = 0.0003 MG/KG BW. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JAN1919 <u>Last Amendment :</u> MDUPP*,4540-87,,1987 <u>Entry / Update :</u> JUL1990	
IS	REG	USE	AGRIC	PRO PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: HIGHLY TOXIC <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH**,,30MCH,1986 <u>Entry / Update :</u> AUG1988	
IS	REG	FOOD	-	MRL ADI LIMIT FOR SPECIFIED FOOD PRODUCTS : 0.2 MG/KG ; ADI = 0.0003 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	
S	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	

Common Name : Vamidothion

RTECS Number : TF7900000

CAS Number : 2275-23-2

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AIR	AMBI	MAC	0.01 MG/M3 1X/D, 0.01 MG/M3 AV/D. <u>Title :</u> <u>Reference</u> _____ : <u>Effective Date :</u> AUG1984 <u>Last Amendment :</u> PDKAV*,3086-84,,,1984 <u>Entry / Update :</u> SEP1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 100-30% (SOLID) OR 100-10% (LIQUID). <u>Title :</u> <u>Reference</u> _____ : <u>Effective Date :</u> <u>Last Amendment :</u> UNTDG*,,,162,1989 <u>Entry / Update :</u> MAY1986

Common Name : Vanadium

TECS Number : YW1355000

CAS Number : 7440-62-2

Reg	Type	Subject	Spec.	Description	Level / Summary Information :
3	REG	AIR	OCC	MPC	<p>8H-TWA: 0.05 MG/M3 (APPLIES TO FUME AND RESPIRABLE DUST, CALCULATED AS V2O5).</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>
N	REG	AIR	OCC	TLV	<p>AS V2O5, RESPIRABLE DUST AND FUME - TWA: 0.05 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MAY1991</p>
N	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 TO VANADIUM, 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>
K	REG	AQ	DRINK	MAC	<p>0.1 MG/L (APPLIES TO VANADIUM AND ITS COMPOUNDS)</p> <p><u>Title :</u> WATER QUALITY. DRINKING WATER</p> <p><u>Reference :</u> CSNOR*,757111,,1989 <u>Effective Date :</u> JAN1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
K	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO VANADIUM AND ITS COMPOUNDS EXPRESSED AS VANADIUM)</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>
K	REG	AQ	SURF DRINK	MAC	<p>0.005 MG/L (APPLIES TO VANADIUM 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>
K	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>
K	REG	AIR	OCC	MAC	<p>TWA: 0.1 MG/M3; CLV : 0.3 MG/M3 (APPLIES TO VANADIUM FUME)</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 : Vanadium

RTECS Number : YW1355000

CAS Number : 7440-62-2

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	AQ	SURF	MAC	<p>0.05 MG/L (APPLIES TO VANADIUM 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	AIR	OCC	MAC	<p>TWA: 0.5 MG/M3; CLV: 1.5 MG/M3 (APPLIES TO VANADIUM DUST)</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	GRND	CLASS	<p>VANADIUM AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
DEU	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	AQ	EMI	RSTR	<p>MEMBER STATES SHALL TAKE THE APPROPRIATE STEPS TO REDUCE POLLUTION OF INLAND SURFACE, TERRITORIAL, INTERNAL COASTAL AND GROUND WATERS BY THE SUBSTANCE (LISTED IN LIST II). DISCHARGES OF IT SHALL REQUIRE PRIOR AUTHORIZATION BY THE COMPETENT AUTHORITY AND EMISSION STANDARDS SHALL BE LAID DOWN. (APPLIES TO THE ELEMENT AND ITS COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 4 MAY 1976 ON POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES DISCHARGED INTO THE AQUATIC ENVIRONMENT OF THE COMMUNITY. (76/464/EEC)</p> <p><u>Reference</u> : OJEC**,L129,,23,1976 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1987</p>
EEC	REG	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 VANADIUM COMPOUNDS).</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 12 DECEMBER 1991 ON HAZARDOUS WASTE (91/689/EEC).</p> <p><u>Reference</u> : OJEC**,L377,,20,1991 <u>Effective Date</u> : 12DEC1993</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
EEC	REG	WASTE 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 V 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 : Vanadium

RTECS Number : YW1355000

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Area Type Subject Spec. Description Level / Summary Information :

IEC	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 V 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) <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>Last Amendment :</u> <u>Effective Date :</u> 01JAN1985 <u>Entry / Update :</u> APR1986
IEC	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 V 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) <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>Last Amendment :</u> <u>Effective Date :</u> 01JAN1985 <u>Entry / Update :</u> APR1986
IEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION:A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES. <u>Title :</u> COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC). <u>Reference :</u> OJEC**,L20,,43,1980 <u>Last Amendment :</u> <u>Effective Date :</u> 26JAN1982 <u>Entry / Update :</u> APR1986
IEC	REG	AIR WASTE	EMI REMOV	MXL RQR	EMISSION LIMIT VALUES FOR THE SUBSTANCE EMITTED AS A RESULT OF THE COMBUSTION OF WASTE OILS: 1.5 MG/M3 (SUM OF CHROMIUM, COPPER AND VANADIUM) OR 5.0 MG/M3 (SUM OF CHROMIUM, COPPER, VANADIUM AND LEAD) (APPLIES TO PLANTS WITH A THERMAL INPUT OF 3MW OR MORE). THE LIMIT VALUES INDICATE THE MASS CONCENTRATION OF EMISSIONS OF THE SUBSTANCE IN WASTE GAS IN TERMS OF THE VOLUME OF WASTE GAS IN THE STANDARD STATE, AFTER DEDUCTION OF THE WATER VAPOUR MOISTURE CONTENT AND OF A 3% OXYGEN CONTENT BY VOLUME IN WASTE GAS. <u>Title :</u> COUNCIL DIRECTIVE OF 16 JUNE 1975 ON THE DISPOSAL OF WASTE OILS. (75/439/EEC). <u>Reference :</u> OJEC**L194,,23,1975 <u>Last Amendment :</u> OJEC**L42,,43,1987 <u>Effective Date :</u> 01JAN1990 <u>Entry / Update :</u> OCT1987
IEC	REG	AQ AQ MONIT	DRINK DRINK METHD	MAC GL RQR	MAC : -, GL : - REQUIREMENTS FOR MONITORING AND ANALYSIS METHODS ARE LAID DOWN <u>Title :</u> COUNCIL DIRECTIVE OF 15 JULY 1980 RELATING TO THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION. (80/778/EEC). <u>Reference :</u> OJEC**,L229,,11,1980 <u>Last Amendment :</u> <u>Effective Date :</u> 30AUG1982 <u>Entry / Update :</u> APR1986
GBR	REG	WASTE		RQR	ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THIS SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING VANADIUM COMPOUNDS. <u>Title :</u> THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980 <u>Reference :</u> GBRSI*,1709,,1,1980 <u>Last Amendment :</u> <u>Effective Date :</u> 16MCH1981 <u>Entry / Update :</u> JAN1986
WO	REC	TRNSP LABEL PACK	MARIN	CLASS	MATERIAL HAZARDOUS ONLY IN BULK. (APPLIES TO VANADIUM ORE). UN NO. - <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Effective Date :</u> <u>Entry / Update :</u> JAN1991

Common Name : Vanadium

RTECS Number : YW1355000

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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 VANADIUM 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>
MEX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 0.5 MG/M3 MUST BE OBSERVED FOR A PERIOD OF 8 HOURS.</p> <p><u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO).</p> <p><u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984</p> <p><u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991</p>
RUS	REG	SOIL	-	MAC	<p>150 MG/KG</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : APR1982</p> <p><u>Last Amendment</u> : PDKCP*,2546-82,,,1982 <u>Entry / Update</u> : OCT1985</p>
RUS	REG	AQ	SURF	MAC CLASS	<p>0.1 MG/L (APPLIES TO VANADIUM AND ITS INORGANIC COMPOUNDS, CALCULATED AS VANADIUM) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1JAN1989</p> <p><u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990</p>
RUS	REG	AIR	OCC	MAC CLASS	<p>CLV : 4.0 MG/M3 (CINDER DUST) (AEROSOL) HAZARD CLASS: III</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /RESPIRABLE DUST & FUME, AS V205/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>70 MG/M3 /VANADIUM PENTOXIDE, DUST & FUMES (AS V)</p> <p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,224,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,224,1990 <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>

Common Name : Vanadium

RTECS Number : YW1355000

CAS Number : 7440-62-2

Area Type Subject Spec. Description Level / Summary Information :

ISA	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.
		AQ	GRND	MXL	

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

Reference : FEREAC,52,,25947,1987 Effective Date : 1987

Last Amendment : CFRUS*,40,264,,1990 Entry / Update : SEP1991

ISA	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.
		SOIL	EMI	RQR	
		AQ	EMI	RQR	
		MANUF	EMI	RQR	

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

Reference : CFRUS*,40,372,65,1988 Effective Date : 1987

Last Amendment : CFRUS*,40,372,65,1988 Entry / Update : OCT1991

Common Name : Vanadium Pentoxide

RTECS Number : YW2450000

CAS Number : 1314-62-1

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	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>NON-FUSED FORM. PIN (PRODUCT IDENTIFICATION NO.): UN2862. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 109. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 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 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: 0.05 MG/M3, CALCULATED AS FINE DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN - STEL: 0.25 MG/M3; AVERAGE VALUE; 2X/SHIFT. FINE DUST IS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE 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 : Vanadium Pentoxide

RTECS Number : YW2450000

CAS Number : 1314-62-1

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	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: XN - HARMFUL; HARMFUL BY INHALATION (R 20). LABEL: XN - HARMFUL; HARMFUL BY INHALATION (R 20); DO NOT BREATHE DUST (S 22).
					<u>Title :</u> COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES
					<u>Reference :</u> OJEC**,196,,1,1967 <u>Effective Date :</u> 1JUL1992
					<u>Last Amendment :</u> OJEC**,L 180,,79,1991 <u>Entry / Update :</u> APR1992
GBR	REG	AIR	OCC	OES	8H-TWA: 0.5 MG/M3 (TOTAL INHALABLE DUST); 0.05 MG/M3 (FUME AND RESPIRABLE DUST). (ALL VALUES CALCULATED AS V).
					<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 = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO VANADIUM PENTOXIDE, NON-FUSED FORM). UN NO. 2862
					<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: 0.1 MG/M3 (FUME), 0.5 MG/M3 (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
RUS	REG	AIR	AMBI	MAC	0.002 MG/M3 AV/D
					<u>Title :</u>
					<u>Reference :</u> <u>Effective Date :</u> AUG1984
					<u>Last Amendment :</u> PDKAV*,3086-84,,1984 <u>Entry / Update :</u> SEP1985
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.1 MG/M3 (AEROSOL) HAZARD CLASS: I
					<u>Title :</u>
					<u>Reference :</u> <u>Effective Date :</u> 01JAN1989
					<u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	AIR	OCC	MAC CLASS	CLV : 0.5 MG/M3 (AEROSOL) HAZARD CLASS: II
					<u>Title :</u>
					<u>Reference :</u> <u>Effective Date :</u> 01JAN1989
					<u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990

Common Name : Vanadium Pentoxide

RTECS Number : YW2450000

CAS Number : 1314-62-1

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 VANADIUM PENTOXIDE, NON-FUSED FORM). UN NO. 2862 <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	70 MG/M3 /VANADIUM PENTOXIDE DUST & FUME (AS V)/ <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,224,1990 <u>Last Amendment :</u> XPHPAW,90,117,224,1990 <u>Effective Date :</u> JUN1990 <u>Entry / Update :</u> OCT1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 0.05 MG/M3 /RESPIRABLE DUST & FUME, AS V2O5/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	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT. SECTION 311 <u>Reference :</u> FEREAC,51,,34547,1986 <u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Effective Date :</u> 1986 <u>Entry / Update :</u> SEP1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> SEP1991
USA	REG	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	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, 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 : Vanadium Tetrachloride

RTECS Number :

CAS Number : 7632-51-1

Area Type Subject Spec. Description Level / Summary Information :

AN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN2444. CLASS (8): CORROSIVE. SPECIAL PROVISIONS: 46, 56, 90. 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>
AN	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>
MO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER), UN NO. 2444</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>
IN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER), UN NO. 2444</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>
SA	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 AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.247A. VESSEL SHIPMENTS MUST BE SHADED FROM RADIANT HEAT. 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 : Vanadium Trioxide

RTECS Number :

CAS Number : 1314-34-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>NON-FUSED FORM. PIN (PRODUCT IDENTIFICATION NO.): UN2860. CLASS (6.1): POISONOUS. SPECIAL PROVISIONS: 46. 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> MAY1991</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 VANADIUM TRIOXIDE, NON-FUSED FORM). UN NO. 2860</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: 0.5MG/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>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: II = MEDIUM DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO VANADIUM TRIOXIDE, NON-FUSED FORM). UN NO. 2860</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 : Vernolate

RTECS Number :

CAS Number : 1929-77-7

Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1 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 ACAO TOXICA SOBRE ANIMAIS E/OU PLANTAS (SUBSTANCES TOXIC TO ANIMALS AND/OR PLANTS)				
					<u>Reference</u> : SBTAP*,8,1984			<u>Effective Date</u> :	
					<u>Last Amendment</u> :			<u>Entry / Update</u> :	AUG1985
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE ASHERBICIDE. (FORMULATION: EMULSIFIABLE; CONCENTRATE OR EMULSION). CODE VER. 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 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	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
RUS	REG	AIR	OCC	MAC CLASS	CLV: 5.0 MG/M3 (VAPOUR, 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 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: 0.5-1.0 MG/KG; ADI = 0.015 MG/KG (CALCULATED VALUE)				
					<u>Title</u> :				
					<u>Reference</u> :			<u>Effective Date</u> :	JAN1988
					<u>Last Amendment</u> : MDUPP*,4540-87,,1987			<u>Entry / Update</u> :	JUL1990
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME VERNOLATETHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE.				
					<u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B				
					<u>Reference</u> : FEREAC,54,100,22706,1989			<u>Effective Date</u> :	1988
					<u>Last Amendment</u> : FEREAC,54,100,22706,1989			<u>Entry / Update</u> :	JAN1992

Common Name : Vinyl Chloride

RTECS Number : KU9625000

CAS Number : 75-01-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 10 MG/M3 (5 PPM). 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>398 MG/M3 (156 PPM) (HAZARDOUS DEGREE : MAXIMUM)</p> <p><u>Title :</u> SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE)</p> <p><u>Reference :</u> SMTBR*,3,,141,1980 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> AUG1982</p>
CAN	REC	AQ	DRINK	GL MAC	<p>TABLE 2 - UNDER REVIEW FOR POSSIBLE ADDITION TO THE GUIDELINES FOR CANADIAN DRINKING WATERQUALITY. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEYSPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM, 10 MG/M3. CONFIRMED HUMAN CARCINOGEN. 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 ACCIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITSPUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
CAN	REG	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	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1086. CLASS (2.1): FLAMMABLE GAS. SPECIAL PROVISIONS: 46, 56, 84, 90, 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 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 TO VINYL CHLORIDE, 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>

Common Name : Vinyl Chloride

RTECS Number : KU9625000

CAS Number : 75-01-4

Area Type Subject Spec. Description Level / Summary Information :

CAN REG SALE CONSM PRO
IMPRT RQR
GOODS
LABEL

IT IS PROHIBITED TO ADVERTISE, SELL OR IMPORT INTO CANADA DISPOSABLE METAL CONTAINERS THAT CONTAIN A PRESSURIZING FLUID COMPOSED IN WHOLE OR IN PART OF VINYL CHLORIDE AND THAT ARE DESIGNED TO RELEASE PRESSURIZED CONTENTS BY THE USE OF A MANUALLY OPERATED VALVE THAT FORMS AN INTEGRAL PART OF THE CONTAINER. 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.

Title :

Reference : CAGAAK,122,24,4625,1988

Effective Date : 01NOV1988

Last Amendment :

Entry / Update : MAY1991

CAN REG AIR AMBI MXL
EMI

RELEASE OF VINYL CHLORIDE: 1) FROM A VINYL CHLORIDE PLANT INTO THE AMBIENT AIR FROM ANY PROCESS VENT SHALL NOT EXCEED 10 PPM BY VOLUME, MEASURED DRY AND UNDILUTED, OR 2 KG PER DAY. 2) FROM A POLYVINYL CHLORIDE PLANT INTO THE AMBIENT AIR OR INTO THE ATMOSPHERE WITHIN A STRUCTURE SHALL NOT EXCEED, (A) 0.002 KG PER 100 KG PRODUCED BY THE POLYMERIZATION REACTOR SINCE IT WAS LAST OPENED; (B) 0.02 KG PER 100 KG PRODUCED IN THE MANUFACTURE OF HOMOPOLYMER SUSPENSION POLYMERIZED RESINS; (C) 0.04 KG PER 100 KG PRODUCED IN THE MANUFACTURE OF BULK POLYMERIZED RESINS; OR (D) 0.2 KG PER 100 KG PRODUCED IN THE MANUFACTURE OF DISPERSION POLYMERIZED RESINS OR COPOLYMER RESINS. 3) IN GASES SHALL NOT EXCEED 10 PPM BY VOLUME, MEASURED DRY OR UNDILUTED. THESE LIMITS ARE PRESCRIBED BY THE VINYL CHLORIDE 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 QUANTITIES AND CONCENTRATIONS OF VINYL CHLORIDE EMITTED INTO THE AMBIENT AIR BY VINYL AND POLYVINYL CHLORIDE PLANTS. IT ALSO CONTAINS REQUIREMENTS REGARDING INCIDENTS, THE TESTING OF EMISSIONS AND REPORTING PROCEDURES.

Title :

Reference : CAGAAK,124,5,768,1990

Effective Date : 15FEB1990

Last Amendment :

Entry / Update : MCH1991

OSK REG AIR AMBI CLASS

THE SUBSTANCE IS CLASSIFIED IN THE FIRST GROUP OF AIR POLLUTANTS (AIR POLLUTANT WITH CARCINOGENIC EFFECT)

Title : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS

Reference : SZCSR*,84,2061,1991

Effective Date : 1OCT1991

Last Amendment :

Entry / Update : JAN1992

OSK REG AIR OCC MAC

TWA: 10.0 MG/M3, CLV: 30.0 MG/M3

Title : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT

Reference : HPMZC*,39,,1978

Effective Date : MCH1985

Last Amendment : HPMZC*,58,,1985

Entry / Update : DEC1991

OSK REG AQ DRINK MAC

0.02 MG/L

Title : WATER QUALITY. DRINKING WATER

Reference : CSNOR*,757111,,1989

Effective Date : JAN1991

Last Amendment :

Entry / Update : DEC1991

OSK REG FOOD FOODS - PRMT MXL

COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE FINAL PRODUCTS: 0.001 MG/G.

Title : DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS

Reference : HPMZC*,42,,1978

Effective Date : 1JUL1978

Last Amendment :

Entry / Update : DEC1991

OSK REG USE LABEL OCC CLASS RQR RSTR

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.

Title : DIRECTIVE NO. 4/1985 ON HYGIENIC PRINCIPLES FOR WORK WITH CHEMICAL CARCINOGENS

Reference : VMZSR*,3,,1985

Effective Date : 1APR1985

Last Amendment : VMZSR*,10,98,1990

Entry / Update : DEC1991

Common Name : Vinyl Chloride

RTECS Number : KU9625000

CAS Number : 75-01-4

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 WASSERGEFAHRDENE STOFFE) <u>Reference :</u> GMSMA6,,8,114,1990 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991
DEU	REC	AIR	OCC	TRK	8H-TWA: 3 ML/M3; 8 MG/M3. APPLIES TO EXISTING INSTALLATIONS FOR VINYL CHLORIDE AND PVC PRODUCTION. 8H-TWA: 2 ML/M3; 5 MG/M3. APPLIES TO ALL OTHER CASES. (THE TECHNICAL EXPOSURE LIMIT (TRK) OF A HAZARDOUS MATERIAL DEFINES THAT CONCENTRATION OF GAS, VAPOUR OR AIRBORNE PARTICULATES AT THE WORKPLACE WHICH IS THE MINIMUM POSSIBLE WITH CURRENT TECHNOLOGY. ADHERENCE TO TRK VALUES IS INTENDED TO REDUCE THE RISK OF A HEALTH HAZARD BUT CANNOT COMPLETELY ELIMINATE IT.) <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	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 ARBEITSSTOFFTOLERANZWERTE) <u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992
DEU	REG	AIR	EMI	MPC	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
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 : Vinyl Chloride

RTECS Number : KU9625000

CAS Number : 75-01-4

Area Type Subject Spec. Description Level / Summary Information :

DEU	REG	MANUF SALE USE	-	RSTR RSTR RSTR	THE PRODUCTION, MARKETING, OR USE OF PRODUCTS CONTAINING VINYL CHLORIDE AS PROPELLANT FOR AEROSOLS IS PROHIBITED.
<p><u>Title</u> : ORDINANCE ON THE PROHIBITION OF POLYCHLORINATED BIPHENYLS, POLYCHLORINATED TERPHENYLS AND VINYL CHLORIDE (PCB-, PCT-, VC- VERBOTSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1482,1989 <u>Effective Date</u> : 29JUL1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>					
DEU	REG	GOODS FOOD	-	MPC MPC	THE ORDINANCE APPLIES TO: COMMODITIES COMING INTO CONTACT WITH FOOD , COMMODITIES COMING INTO CONTACT WITH THE MUCOUS MEMBRANES OF THE MOUTH, TOYS AND TRICKS COMING INTO CONTACT WITH THE MUCOUS MEMBRANES OF THE MOUTH WHICH ARE PRODUCED BY USING VINYL CHLORIDE POLYMERISATES OR VINYL CHLORIDE COPOLYMERISATES. THEY MAY NOT BE MARKETED IF THE CONTENT OF MONOMERIC VINYL CHLORIDE EXCEEDS 1 MG/KG. LEACHING OF MONOMERIC VINYL CHLORIDE FROM COMMODITIES TO FOOD MAY NOT BE DETECTED. DETECTION LIMIT OF THE OFFICIAL METHOD TO BE USED: 0.01 MG MONOMERIC VINYL CHLORIDE PER KG OF FOOD.
<p><u>Title</u> : ORDINANCE ON VINYL CHLORIDE IN COMMODITY GOODS (VINYLCHLORID-BEDARFSGEGENSTAENDE-VERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1773,1979 <u>Effective Date</u> : 18FEB1983</p> <p><u>Last Amendment</u> : BGZBAD,,I,80,1983 <u>Entry / Update</u> : JAN1992</p>					
EEC	REG	FOOD	METHD	MXL	MATERIALS AND ARTICLES PREPARED WITH VINYL CHLORIDE POLYMERS OR COPOLYMERS WHICH IN THEIR FINISHED STATE ARE INTENDED TO COME INTO CONTACT WITH FOOD STUFFS MUST NOT CONTAIN VINYL CHLORIDE MONOMER IN A QUANTITY EXCEEDING 1 MG/KG IN THE FINAL PRODUCT. (ANALYSIS : GAS-CHROMATOGRAPHY USING THE "HEADSPACE" METHOD- DETECTION LIMIT 0.01 MG/KG)
<p><u>Title</u> : COUNCIL DIRECTIVE OF 30 JANUARY 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO MATERIALS AND ARTICLES WHICH CONTAIN VINYL CHLORIDE MONOMER AND ARE INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (78/142/EEC).</p> <p><u>Reference</u> : OJEC**,L44,,15,1978 <u>Effective Date</u> : 26NOV1979</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>					
EEC	REG	USE SALE	-	PRO PRO	THE MARKETING OR USE AS AN AEROSOL PROPELLANT IS NOT ALLOWED
<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> : 27MCH1978</p> <p><u>Last Amendment</u> : OJEC**,L363,,36,1991 <u>Entry / Update</u> : 1992</p>					
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASS: F - HIGHLY FLAMMABLE; EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13). CARC. CAT.1; MAY CAUSE CANCER (R 45). LABEL: F - HIGHLY FLAMMABLE; T - TOXIC; MAY CAUSE CANCER (R 45); EXTREMELY FLAMMABLE LIQUEFIED GAS (R 13); AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE (S 53); KEEP CONTAINER IN A WELL-VENTILATED PLACE (S 9); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE) (S 44). 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><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>					
EEC	REG	FOOD	METHD	RQR	THE LEVEL OF VINYL CHLORIDE MONOMER IN FOOD-STUFFS MUST FOR THE OFFICIAL CONTROL BE DETERMINED BY MEANS OF GAS-CHROMATOGRAPHY USING THE "HEADSPACE" METHOD AS DESCRIBED IN THE REGULATION.
<p><u>Title</u> : COMMISSION DIRECTIVE OF 8 JULY 1980 LAYING DOWN THE COMMUNITY METHOD OF ANALYSIS FOR THE OFFICIAL CONTROL OF VINYL CHLORIDE MONOMER LEVEL IN MATERIALS AND ARTICLES WHICH ARE INTENDED TO COME INTO CONTACT WITH FOODSTUFFS (80/766/EEC).</p> <p><u>Reference</u> : OJEC**,L213,,42,1980 <u>Effective Date</u> : 08JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : MAY1992</p>					

Common Name : Vinyl Chloride

RTECS Number : KU9625000

CAS Number : 75-01-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD	METHD	RQR	<p>THE LEVEL OF VINYL CHLORIDE IN FOOD-STUFFS MUST FOR THE OFFICIAL CONTROL BE DETERMINED BY MEANS OF GAS-CHROMATOGRAPHY USING THE "HEADSPACE" METHOD AS DESCRIBED IN THE REGULATION</p> <p><u>Title</u> : COMMISSION DIRECTIVE OF 29 APRIL 1981 LAYING DOWN THE COMMUNITY METHOD OF ANALYSIS FOR THE OFFICIAL CONTROL OF VINYL CHLORIDE RELEASED BY MATERIALS AND ARTICLES INTO FOODSTUFFS. (81/432/EEC).</p> <p><u>Reference</u> : OJEC**,L167,,6,1981 <u>Effective Date</u> : 01OCT1982</p> <p><u>Last Amendment</u> : <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>
EEC	REG	AIR SAFTY MONIT	OCC OCC OCC	MXL RQR RQR	<p>TECHNICAL LONG-TERM LIMIT VALUE: 3 PPM(8 MG/M3)AS MEAN VALUE/YEAR, 5 PPM (13 MG/M3) AS MEAN VALUE/MONTH, 6 PPM (15 MG/M3) AS MEAN VALUE/WEEK, 7 PPM (18 MG/M3) AS MEAN VALUE/8 HOURS, 8 PPM(20 MG/M3) AS MEAN VALUE/HOUR. REQUIREMENTS CONCERNING TECHNICAL PREVENTIVE MEASURES, MEASURING METHODS, MONITORING, PERSONAL PROTECTION MEASURES, REGISTER OF WORKERS WITH PARTICULARS OF THE TYPE AND DURATION OF THEIR WORK AND THE EXPOSURE, INFORMATION FOR WORKERS ANDMEDICAL SURVEILLANCE ARE GIVEN</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 29 JUNE 1978 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS OF THE MEMBER STATES ON THE PROTECTION OF THE HEALTH OF WORKERS EXPOSED TO VINYL CHLORIDE MONOMER. (78/610/EEC).</p> <p><u>Reference</u> : OJEC**,L197,,12,1978 <u>Effective Date</u> : 22JAN1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1983</p>
F/W	REC	FOOD	-	ADI	<p>THE USE OF FOOD-CONTACT MATERIALS FROM WHICH THE SUBSTANCE MAY MIGRATE IS PROVISIONALLY ACCEPTED, ON CONDITION THAT THE AMOUNT OF THE SUBSTANCE MIGRATING INTO THE FOOD IS REDUCED TO THE LOWEST LEVEL TECHNOLOGICALLY ATTAINABLE</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 1984</p> <p><u>Last Amendment</u> : WHFAAC,19,,IV,1984 <u>Entry / Update</u> : APR1991</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>THE MANUFACTURE OR RECOVERY OR POLYMERISATION OF VINYL 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	AIR	OCC	MEL	<p>8H-TWA: 7 PPM. ALSO SUBJECT TO AN OVERRIDING ANNUAL MAXIMUM EXPOSURE LIMIT OF 3 PPM</p> <p><u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS</p> <p><u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : Vinyl Chloride

RTECS Number : KU9625000

CAS Number : 75-01-4

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
IBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>ANY PROCESS OF MANUFACTURE INVOLVING THE USE OF VINYL 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>
IBR	REG	MANUF AIR STORE	INDST EMI	RQR RSTR RQR	<p>THE STORAGE OF VINYL CHLORIDE MONOMER EXCEPT WHERE THE TOTAL CAPACITY OF THE TANKS INSTALLED AT THE LOCATION IN QUESTION IN WHICH THE SUBSTANCE MAY BE STORED IS LESS THAN 20 TONNES 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>
IO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 2 = GAS (COMPRESSED ETC.). (APPLIES TO INHIBITED VINYL CHLORIDE). UN NO.1086.</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>
ID	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>
IN	REG	GOODS	CONSM	MXL	<p>SHOULD NOT BE DETECTED (BY INFRARED ABSORPTION) IN HOUSEHOLD AEROSOL PRODUCTS.</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> : 01OCT1974</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991</p>
IX	REG	AIR	OCC	MXL	<p>AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 20 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>

Common Name : Vinyl Chloride

RTECS Number : KU9625000

CAS Number : 75-01-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	AIR	AMBI	PSL	0.005 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 MG/M3 (VAPOUR); TWA: 1 MG/M3 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	AQ	SURF	MAC CLASS	0.05 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	ID-TWA: 2.5 MG/M3 (1 PPM); 15 MIN - STEL: 13 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: 2 = GAS (COMPRESSED ETC.). (SUBSIDIARY RISK: 3 = INFLAMMABLE LIQUID). (APPLIES TO INHIBITED VINYL CHLORIDE). UN NO.1086. <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, 13 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>Last Amendment :</u> ACGIH*,,,11,1991 <u>Effective Date :</u> 1989 <u>Entry / Update :</u> DEC1991
USA	REC	AQ	CONSM	MPC	0.002 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	REG	USE FOOD STORE MANUF PACK	- ADDIT	RSTR RSTR RSTR RSTR	REFERS TO HOMO AND COPOLYMERS.THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT 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>Last Amendment :</u> CFRUS*,21,176,180,1988 <u>Effective Date :</u> 1977 <u>Entry / Update :</u> NOV1991

Common Name : Vinyl Chloride

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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	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 SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III, EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987 <u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991
USA	REG	WASTE AQ AQ	- - GRND	MPC MPC MPC	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. <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	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	AQ	DRINK	MPC	0.002 MG/L; THIS MAXIMUM CONTAMINANT LEVEL APPLIES TO COMMUNITY AND NON-TRANSIENT, NONCOMMUNITY WATER SYSTEMS 40 CFR 141.61. MAXIMUM CONTAMINANT LEVELS ARE BASED ON HEALTH FACTORS BUT ARE ALSO REQUIRED BY LAW TO REFLECT THE TECHNOLOGICAL AND ECONOMIC FEASIBILITY OF REMOVING THE CONTAMINATION FROM THE WATER SUPPLY. <u>Title</u> : SAFE DRINKING WATER ACT: NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS-MAXIMUM CONTAMINANT LEVELS FOR ORGANIC AND INORGANIC CHEMICALS. <u>Reference</u> : FEREAC,40,,59570,1975 <u>Effective Date</u> : 1975 <u>Last Amendment</u> : CFRUS*,40,141,,1991 <u>Entry / Update</u> : OCT1991

Common Name : Vinyl Chloride

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Area Type Subject Spec. Description Level / Summary Information :

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, 173.314. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM LIVING QUARTERS. ALL SHIPMENTS MUST BE LABELED FLAMMABLE GAS. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <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	EMI INDST	RQR RQR	BASED ON ITS PERSISTANCE, DEGRADABILITY, POTENTIAL PRESENCE OF AFFECTED ORGANISMS, THE IMPORTANCE OF AFFECTED ORGANISMS, AND THE NATURE AND EXTENT OF THE EFFECT ON SUCH ORGANISMS THIS TOXIC POLLUTANT SHALL BE SUBJECT TO EFFLUENT LIMITATIONS RESULTING FROM THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE FOR THE APPLICABLE CATEGORY OR CLASS OF POINT SOURCES ESTABLISHED IN ACCORDANCE WITH SECTION 301(B) (2) (A) AND 304(B) (2) OF THE CLEAN WATER ACT. <u>Title :</u> 65 TOXIC POLLUTANTS; CLEAN WATER ACT, SECTION 307A--TOXIC POLLUTANTS <u>Reference :</u> FEREAC,44,,44502,1979 <u>Effective Date :</u> 1979 <u>Last Amendment :</u> CFRUS*,40,401,15,1990 <u>Entry / Update :</u> OCT1991
USA	REG	AQ	-	RQR	THIS SUBSTANCE IS INCLUDED ON A LIST REQUIRED OF THE EPA BY THE CWA SECTION 304 OF CONVENTIONAL POLLUTANTS REQUIRING MAXIMUM DAILY EFFLUENT LIMITATIONS. <u>Title :</u> CLEAN WATER ACT (WATER QUALITY ACT OF 1987 INFORMATION AND GUIDELINES) <u>Reference :</u> XCODE*,33,,1314,1990 <u>Effective Date :</u> 1981 <u>Last Amendment :</u> XCODE*,33,,1314,1990 <u>Entry / Update :</u> NOV1991
USA	REG	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
WHO	REC	AQ	DRINK	GL	5 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 : Vinylidene Chloride

RTECS Number : KV9275000

CAS Number : 75-35-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 20 MG/M3 (5 PPM); 15 MIN - STEL: 80 MG/M3 (20 PPM) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). POTENTIAL CARCINOGEN.</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,I,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,I,4,1991 <u>Entry / Update :</u> OCT1991</p>
BRA	REG	AIR	OCC	AL	<p>31 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,,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>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.</p> <p><u>Title :</u></p> <p><u>Reference :</u> GWQUEQ,,,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> NOV1991</p>
CAN	REG	AIR	OCC	TLV	<p>TWA: 5 PPM. 20 MG/M3; STEL: 20 PPM, 80 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.): UN1303, CLASS (3.1): FLAMMABLE LIQUID; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 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.</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 : Vinylidene Chloride

RTECS Number : KV9275000

CAS Number : 75-35-4

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	AQ	DRINK	MAC	<p>300NG/L</p> <p><u>Title</u> : WATER QUALITY. DRINKING WATER</p> <p><u>Reference</u> : CSNOR*,757111,,,1989 <u>Effective Date</u> : JAN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS POISON.</p> <p><u>Title</u> : GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference</u> : SZCSR*,42,1217,1988 <u>Effective Date</u> : MAY1990</p> <p><u>Last Amendment</u> : SZCSR*,33,762,1990 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 2 ML/M3 (PPM); 8 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 4 ML/M3 (PPM); 16 MG/M3; AVERAGE VALUE: 4X/SHIFT. 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. VAPOUR PRESSURE: 66.7 KPA AT 20C.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UNI 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 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> : 01MCH198</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> : 15JUN199</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F+ - EXTREMELY FLAMMABLE; EXTREMELY FLAMMABLE (R 12). XN - HARMFUL; HARMFUL BY INHALATION (R 20); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). LABEL: F+ EXTREMELY FLAMMABLE; XN - HARMFUL; EXTREMELY FLAMMABLE (R 12); HARMFUL BY INHALATION (R 20); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40); KEEP CONTAINER TIGHTLY CLOSED (S 7); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); DO NOT EMPTY INTO DRAINS (S 29). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE IN CONCENTRATION RANGE: ABOVE 12.5%: XN - HARMFUL; HARMFUL BY INHALATION (R 20); POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). FROM 1% TO 12.5%: XN - HARMFUL; POSSIBLE RISKS OF IRREVERSIBLE EFFECTS (R 40). 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>

Common Name : Vinylidene Chloride

RTECS Number : KV9275000

CAS Number : 75-35-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
BR	REG	AIR	OCC	MEL	8H-TWA: 40 MG/M3 (10 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
BR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : FLAMMABLE LIQUID. EMERGENCY ACTION CODE : 3YE (APPLIES TO INHIBITED VINYLIDENE CHLORIDE) <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
BR	REG	TRNSP 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
BR	REG	AIR	OCC	OES	8H-TWA: 40 MG/M3 (10 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
IO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: 1 = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). (APPLIES TO THE INHIBITED SUBSTANCE). UN NO. 1303 <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Entry / Update</u> : JAN1991
EX	REG	AIR	OCC	MXL	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 80 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
IS	REG	AQ	SURF	PSL CLASS	0.0006 MG/L HAZARD CLASS: I <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : 1JAN1989 <u>Last Amendment</u> : SPNPV*,4630-88,,,1988 <u>Entry / Update</u> : JUL1990
IS	REG	AIR	OCC	MAC CLASS	CLV : 50.0 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
IE	REG	AIR	OCC	HLV	1D-TWA: 20 MG/M3 (5 PPM); 15 MIN - STEL: 40 MG/M3 (10 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

Common Name : Vinylidene Chloride

RTECS Number : KV9275000

CAS Number : 75-35-4

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). (APPLIES TO THE INHIBITED SUBSTANCE). UN NO. 1303 <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) 5 PPM, 20 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 20 PPM, 79 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	0.007 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	REG	WASTE AQ AQ	- GRND	MPC MPC MPC	0.7 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>Last Amendment :</u> CFRUS*,40,261,24,1990 <u>Effective Date :</u> 1990 <u>Entry / Update :</u> JAN1992
USA	REG	AQ AQ	GRND GRND	MONIT MXL	THIS LIST IS REQUIRED ONLY FOR GROUND-WATER MONITORING AT RCRA LAND BASED HAZARDOUS WASTE DISPOSAL UNITS. THIS FINAL RULE WILL REQUIRE THAT AN ANALYSIS OF ALL THE CONSTITUENTS OF THIS LIST BE PERFORMED ON THE GROUND WATER TAKEN FROM WELLS SURROUNDING TH OSE UNITS. THIS ANALYSIS TAKES PLACE WHEN GROUND-WATER CONTAMINATION IS FIRST DETECTED, AND THEN AGAIN ONCE PER YEAR 40 CFR 264. WHEN A LISTED CONSTITUENT IS FOUND TO BE PRESENT A BACKGROUND VALUE MUST BE SET IN COMPLIANCE WITH 40 CFR 264.98(H) (2) UNLE SS OTHERWISE STATED. <u>Title :</u> LIST (PHASE 1) OF HAZARDOUS CONSTITUENTS FOR GROUND-WATER MONITORING FINAL RULE: INCLUDING MAXIMUM CONCENTRATION OF CONSTITUENT: FOR GROUNDWATER PROTECTION. <u>Reference :</u> FEREAC,52,,25947,1987 <u>Last Amendment :</u> CFRUS*,40,264,,1990 <u>Effective Date :</u> 1987 <u>Entry / Update :</u> SEP1991
USA	REG	AQ	DRINK	MPC	0.007 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	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 DECK AND BELOW DECK AWAY FROM HEAT AND IN PASSENGER VESSELS IN ACCORDANCE TO 49 CFR 173.119. 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 : Vinylidene Chloride

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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
USA	REG	AQ	GRND	RQR	
USA	REG	AQ	MARIN	RQR	
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	AQ	DRINK	CLASS	FROM COMPOUNDS, WHICH MAY CAUSE HUMAN HEALTH HAZARDS, LISTED FOR REGULATION UNDER THE SAFE DRINKING WATER ACT. <u>Title</u> : SAFE DRINKING WATER ACT (SDWA) 1401-CONTAMINANTS TO BE REGULATED: <u>Reference</u> : FEREAC,54,97,22140,1989 <u>Effective Date</u> : MAY221989 <u>Last Amendment</u> : FEREAC,54,97,22104,1989 <u>Entry / Update</u> : OCT1991
USA	REG	USE	-	RSTR	REFERS TO HOMO AND COPOLYMERS. THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH ARE CONDITIONALLY APPROVED TO BE USED AS COMPONENTS OF THE UNCOATED OR COATED FOOD CONTACT SURFACE OF PAPER AND PAPERBOARD FOR USE WITH FOODS HAVING THE PROPERTIES OF A DRY SOLID WITH NO FREE FAT OR OIL ON THE SURFACE. THESE SUBSTANCES ARE NOT TO BE USED IN QUANTITIES WHICH EXCEED THAT REQUIRED TO ACCOMPLISH THEIR INTENDED PHYSICAL OR TECHNICAL EFFECT AND ARE SO USED AS TO ACCOMPLISH NO EFFECT IN FOOD OTHER THAN THAT ORDINARILY ACCOMPLISHED BY PACKAGING. <u>Title</u> : INDIRECT FOOD ADDITIVES: PAPER AND PAPERBOARD COMPONENTS; COMPONENTS OF PAPER AND PAPERBOARD IN CONTACT WITH DRY FOOD <u>Reference</u> : FEREAC,42,,14554,1977 <u>Effective Date</u> : 1977 <u>Last Amendment</u> : CFRUS*,21,176,180,1988 <u>Entry / Update</u> : NOV1991
USA	REG	FOOD	ADDIT	RSTR	
USA	REG	STORE	-	RSTR	
USA	REG	MANUF	-	RSTR	
USA	REG	PACK	-	RSTR	
USA	REG	WASTE	INDST	CLASS	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	STORE	-	RQR	
USA	REG	TRNSP	REMOV	RQR	
USA	REG	WASTE	INDST	CLASS	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	STORE	-	RQR	
USA	REG	TRNSP	REMOV	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
USA	REG	SOIL	EMI	RQR	
USA	REG	AQ	EMI	RQR	
USA	REG	MANUF	EMI	RQR	

Common Name : Vinylidene Chloride

RTECS Number : KV9275000

CAS Number : 75-35-4

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	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990 <u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991
WHO	REC	AQ	DRINK	GL	30 UG/L. THE SUBSTANCE IS A CHEMICAL OF HEALTH SIGNIFICANCE IN DRINKING WATER. <u>Title :</u> WHO GUIDELINES FOR DRINKING-WATER QUALITY <u>Reference :</u> WHODW*,,,1983 <u>Effective Date :</u> <u>Last Amendment :</u> WHODW*,,,1992 <u>Entry / Update :</u> OCT1992

Common Name : **Warfarin**

TECS Number : **GN4550000**

CAS Number : **81-81-2**

Area Type Subject Spec. Description Level / Summary Information :

REG	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,,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>
REG	REG	AIR	OCC	TLV	<p>TWA: 0.1 MG/M3. PRESCRIBED BY THE CANADA OCCUPATIONAL SAFETY AND HEALTH REGULATIONS, UNDER THE CANADA LABOUR CODE (ADMINISTERED BY THE DEPARTMENT OF LABOUR). THE REGULATIONS STATE THAT NO EMPLOYEE SHALL BE EXPOSED TO A CONCENTRATION OF AN AIRBORNE CHEMICAL AGENT IN EXCESS OF THE VALUE FOR THAT CHEMICAL AGENT ADOPTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS) IN ITS PUBLICATION ENTITLED: "THRESHOLD LIMIT VALUE AND BIOLOGICAL EXPOSURE INDICES FOR 1985-86".</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,120,6,1105,1986 <u>Effective Date :</u> 13MCH1986</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> MCH1991</p>
REG	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, DOMESTIC, MANUFACTURING USE AS RODENTICIDE. (FORMULATION: DUST OR POWDER; PELLET; PARTICULATE; SOLID; SOLUBLE POWDER; GRANULAR). APPLIES TO WARFARIN PRESENT IN FREE FORM OR AS SODIUM SALT. CODE WAR. 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>
REG	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>
REG	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>
REC	REC	AIR	OCC	MAK	<p>8H-TWA: 0.5 MG/M3, CALCULATED AS TOTAL DUST (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE 2H - SHIFT LENGTH. 30 MIN- STEL: 2.5 MG/M3; AVERAGE VALUE; 2X/SHIFT.</p> <p><u>Title :</u> MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference :</u> MPGDFD,XXVII,,17,1991 <u>Effective Date :</u></p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
REG	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>

Common Name : **Warfarin**RTECS Number : **GN455000**CAS Number : **81-81-2**

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>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN WARFARIN 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> <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: TERA.CAT.1; MAY CAUSE BIRTH DEFECTS (R 47). T - TOXIC; TOXIC - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE IF SWALLOWED (R 48/25). LABEL: T - TOXIC; MAY CAUSE BIRTH DEFECTS (R 47); 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> : 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>
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 0.1 MG/M3; 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>

Common Name : Warfarin

RTECS Number : GN4550000

CAS Number : 81-81-2

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = VERY DANGEROUS SUBSTANCE WHEN AI = 100->60%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 60->6%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 6-1.5% (SOLID) OR 6-0.6% (LIQUID). (APPLIES TO WARFARIN AND SALTS THEREOF). <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 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 REONSABILITIES 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
WEX	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	AIR	OCC	MAC CLASS	CLV: 0.001 MG/M3 (AEROSOL) HAZARD CLASS: I <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> GOSTS*,12.1.005,,,1988 <u>Effective Date :</u> 01JAN1989 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS RODENTICIDE. 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
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 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. <u>Title :</u> NATIONAL CHEMICALS INSPECTORATE'S LIST OF APPROVED PESTICIDES ETC. APRIL 1991. KEMIKALIINSPEKTIONENS 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 : Warfarin

RTECS Number : GN4550000

CAS Number : 81-81-2

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->60%; II = SUBSTANCE PRESENTING MEDIUM DANGER WHEN AI = 60->6%; III = SUBSTANCE PRESENTING MINOR DANGER WHEN AI = 6-1.5% (SOLID) OR 6-0.6% (LIQUID). (APPLIES TO WARFARIN AND SALTS THEREOF). <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	350 MG/M3 <u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference :</u> XPHPAW,90,117,224,1990 <u>Effective Date :</u> JUN1990 <u>Last Amendment :</u> XPHPAW,90,117,224,1990 <u>Entry / Update :</u> OCT1991
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 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). WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3 PERCENT. 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 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). (APPLIES ALSO TO ITS SALTS). <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). WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3 PERCENT. 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 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). (APPLIES TO WARFARIN SALTS) <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	WHEN PRESENT AT CONCENTRATIONSOF 0.3 PERCENT OR LESS. 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 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). (APPLIES ALSO TO ITS SALTS). <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 : Warfarin

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Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
SA	REG	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR	<p>WHEN PRESENT AT CONCENTRATIONS OF 0.3 PERCENT OR LESS. 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 WARFARIN 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>
SA	REG	SAFTY STORE	INDST INDST	RQR RQR	<p>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.</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>
SA	REG	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, WARFARIN AND ITS NA SALT, 1981. THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED AS OF DECEMBER 24, 1988. A REGISTRATION STANDARD IS A DOCUMENT DESCRIBING THE AGENCY'S SCIENTIFIC CONCLUSIONS AND REGULATORY FINDINGS ABOUT CHEMICALS THAT ARE INGREDIENTS IN PESTICIDE PRODUCTS. REGISTRANTS OF THESE PESTICIDES MUST SUBMIT DATA ON THOSE SUBSTANCES FOR WHICH THEY ARE RESPONSIBLE. INFORMATION WILL BE INCLUDED INTO A DATABASE WHICH WILL ALLOW EPA TO EVALUATE HEALTH AND ENVIRONMENTAL EFFECTS AND DETERMINE APPROPRIATE REREGISTRATION STANDARDS. THIS LIST STATES THE REGISTRATION STANDARD TITLE AND THE YEAR OF THE ISSUANCE OF THE REGISTRATION STANDARD.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES FOR WHICH REGISTRATION STANDARDS HAVE BEEN ISSUED. LIST A.</p> <p><u>Reference</u> : FEREAC,54,34,7740,1989 <u>Effective Date</u> : 1988</p> <p><u>Last Amendment</u> : FEREAC,54,34,7740,1989 <u>Entry / Update</u> : JAN1992</p>

Common Name : **White Spirit**RTECS Number : **WJ8925000**CAS Number : **8052-41-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	8H-TWA: 525MG/M3 (100PPM). <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: 100 PPM, 525 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	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 STODDARD SOLVENT 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	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
MEX	REG	AIR	OCC	MXL	AT ANY WORKPLACE WHERE THIS SUBSTANCE IS PRODUCED, STORED OR HANDLED A MAXIMUM PERMISSIBLE LEVEL OF 525MG/M3 (100PPM) MUST BE OBSERVED FOR A PERIOD OF 8 HOURS OR 1050MG/M3 (200PPM) FOR 15 MINUTES FOUR TIMES A DAY WITH INTERVALS OF AT LEAST 1 HOUR <u>Title :</u> INSTRUCTION NO. 10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference :</u> DOMEX*,,,,1984 <u>Effective Date :</u> 28MAY1984 <u>Last Amendment :</u> DOMEX*,,,,1989 <u>Entry / Update :</u> DEC1991
USA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 100 PPM; 525 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 : m-Xylene

TECS Number : ZE2275000

CAS Number : 108-38-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
IRA	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>
AN	REC	AQ	DRINK	GL MAC	<p>AESTHETIC OBJECTIVE (AO) = < 0.3 MG/L. THE LEVELS ARE SET BY THE GUIDELINES FOR CANADIANDRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEYSPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</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>
AN	REG	USE STORE LABEL	OCC	RQR	<p>INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FORTHE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,122,2,551,1988 <u>Effective Date :</u> 31DEC1987</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> APR1991</p>
SK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL XYLENE ISOMERS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
SK	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 XYLENE ISOMERS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
SK	REG	AIR	OCC	MAC	<p>TWA : 200.0 MG/M3 ; CLV : 1000.0 MG/M3 (APPLIES TO ALL XYLENE ISOMERS)</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>
EU	REC	AIR	OCC	MAK	<p>8H-TWA: 100 ML/M3 (PPM); 440 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 200 ML/M3 (PPM); 880 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: 0.7-0.9 KPA AT 20C. APPLIES TO ALL ISOMERS OF XYLENE.</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 : m-Xylene

RTECS Number : ZE2275000

CAS Number : 108-38-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	BAT	<p>BLOOD: 1.5 MG/L, AS XYLENE. URINE: 2 G/L, AS METHYLHIPURIC ACID. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT. APPLIES TO ALL ISOMERS OF XYLENE.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,99,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : FEB1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) APPLIES TO ALL ISOMERS OF XYLENE. 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	AIR	EMI	MPC	<p>XYLENES BELONG 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> : 01MCH198</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION.</p> <p><u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR	<p>CLASS: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21). XI - IRRITANT; IRRITATING TO SKIN (R 38). LABEL: XN - HARMFUL; FLAMMABLE (R 10); HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21); IRRITATING TO SKIN (R 38); AVOID CONTACT WITH EYES (S 25). 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 SKIN (R 38). 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	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. (APPLIES TO XYLENES).</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> : 06APR198</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>
GBR	REG	AIR	OCC	OES	<p>OES: 8H-TWA: 435 MG/M3 (100 PPM). STEL (10 MIN-TWA): 650 MG/M3 (150 PPM). SKIN ABSORPTION (APPLIES TO ALL 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> : 01JAN199:</p> <p><u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992</p>

Common Name : m-Xylene

TECS Number : ZE2275000

CAS Number : 108-38-3

Area Type Subject Spec. Description Level / Summary Information :

NO REC TRNSP LABEL MARIN CLASS HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = MINOR DANGER. UN NO. 1307
PACK

Title :
Reference :
Last Amendment : IMCOC*,10004,1990
Effective Date :
Entry / Update : JAN1991

PN REC AIR OCC MAC TWA: 430 MG/M3 (100 PPM) (INCLUDING ALL ISOMERS OF XYLENE).
Title : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH.
Reference : SAIGBL,33,4,277-287,1991
Last Amendment :
Effective Date :
Entry / Update : DEC1991

VE REG AIR OCC HLV 1D-TWA: 200 MG/M3 (50 PPM); 15 MIN - STEL: 450 MG/M3 (100 PPM). SKIN ABSORPTION.
Title : HYGIENIC LIMIT VALUES.
Reference : AFS**,1990:13,,5-64,1990
Last Amendment :
Effective Date : 01JUL1991
Entry / Update : 1992

IN REC TRNSP LABEL - CLASS HAZARD CLASS: 3 = INFLAMMABLE LIQUID. UN NO.1307.
Title :
Reference :
Last Amendment : UNTDG*,15,1989
Effective Date :
Entry / Update : SEP1982

EA REC SAFTY USE OCC MXL 1000 PPM /XYLENE (O-, M-, AND P-ISOMERS)/
MXL
Title : POCKET GUIDE TO CHEMICAL HAZARDS
Reference : XPHPAW,90,117,226,1990
Last Amendment : XPHPAW,90,117,226,1990
Effective Date : JUN1990
Entry / Update : OCT1991

IA REC AIR OCC TLV TIME WEIGHTED AVG (TWA) 100 PPM, 434 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 150 PPM, 651 MG/M3 /XYLENE (O-, M-, P-ISOMERS)/; 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.
Title : THRESHOLD LIMIT VALUES
Reference : ACGIH*,11,1989
Last Amendment : ACGIH*,11,1991
Effective Date : 1989
Entry / Update : DEC1991

IA REG MONIT - RQR THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION.
Title : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D)
Reference : FEREAC,51,,32726,1986
Last Amendment : CFRUS*,40,716,120,1990
Effective Date : 1986
Entry / Update : OCT1991

IA REG AIR SOIL AQ MANUF EMI EMI EMI EMI RQR RQR RQR RQR FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY).
Title : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES
Reference : CFRUS*,40,372,65,1988
Last Amendment : CFRUS*,40,372,65,1988
Effective Date : 1987
Entry / Update : OCT1991

Common Name : **m-Xylene**RTECS Number : **ZE2275000**CAS Number : **108-38-3**

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> : FEREC,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	CLASS	INDST	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
		AIR	EMI	RQR	
		AQ	EMI	RQR	
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	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 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>Effective Date</u> : 1982 <u>Last Amendment</u> : CFRUS*,40,712,30,1990 <u>Entry / Update</u> : OCT1991
		USE	OCC	PRMT	
		SAFTY	OCC	MXL	

Common Name : **o-Xylene**RTECS Number : **ZE2450000**CAS Number : **95-47-6**Area Type Subject Spec. Description Level / Summary Information :

BRA	REG	AIR	OCC	AL	340 MG/M3 (78 PPM) (FOR 48H/WK) (HAZARDOUS DEGREE : MEDIUM) <u>Title</u> : SEGURANCA E MEDICINA DO TRABALHO (SECURITY AND OCCUPATIONAL HYGIENE) <u>Reference</u> : SMTBR*,3,,1980 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : AUG1982
CAN	REC	AQ	DRINK	GL MAC	AESTHETIC OBJECTIVE (AO) = < 0.3 MG/L. THE LEVELS ARE SET BY THE GUIDELINES FOR CANADIANDRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEYSPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER. <u>Title</u> : <u>Reference</u> : GWQUEQ,,,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : <u>Entry / Update</u> : NOV1991
CAN	REG	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	AIR	AMBI	CLASS	THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL XYLENE ISOMERS) <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 (APPLIES TO ALL XYLENE ISOMERS) <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 : 200.0 MG/M3 ; CLV : 1000.0 MG/M3 (APPLIES TO ALL XYLENE ISOMERS) <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	BAT	BLOOD: 1.5 MG/L, AS XYLENE. URINE: 2 G/L, AS METHYLHIPURIC ACID. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT. APPLIES TO ALL ISOMERS OF XYLENE. <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 : **o-Xylene**RTECS Number : **ZE2450000**CAS Number : **95-47-6**

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.) APPLIES TO ALL ISOMERS OF XYLENE. 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: 100 ML/M3 (PPM); 440 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 200 ML/M3 (PPM); 880 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: 0.7-0.9 KPA AT 20C. APPLIES TO ALL ISOMERS OF XYLENE.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGFDF,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REG	AIR	EMI	MPC	<p>XYLENES BELONG 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> : 01MCH19</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> : 15JUN199</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 IN CONTACT WITH SKIN (R 20/21). XI - IRRITANT; IRRITATING TO SKIN (R 38). LABEL: F - HIGHLY FLAMMABLE; XN - HARMFUL; HIGHLY FLAMMABLE (R 11); HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21); IRRITATING TO SKIN (R 38); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); AVOID CONTACT WITH EYES (S 25); DO NOT EMPTY INTO DRAINS (S 29). CLASSIFICATION OF PREPARATIONS CONTAINING THE SUBSTANCE CONCENTRATION RANGE: ABOVE 20%: XN - HARMFUL; HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21); IRRITATING TO SKIN (R 38). FROM 12.5% TO 20%: XN - HARMFUL; HARMFUL BY INHALATION AND IN CONTACT WITH SKIN.</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	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. (APPLIES TO XYLENES).</p> <p><u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCE IN BULK) REGULATIONS 1987, SCHEDULE 3</p> <p><u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR19</p> <p><u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992</p>

Common Name : **o-Xylene**TECS Number : **ZE2450000**CAS Number : **95-47-6**

Reg	Type	Subject	Spec.	Description	Level / Summary Information :
IR	REG	AIR	OCC	OES	<p>OES: 8H-TWA: 435 MG/M3 (100 PPM). STEL (10 MIN-TWA): 650 MG/M3 (150 PPM). SKIN ABSORPTION. (APPLIES TO ALL 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>
D	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. 1307</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>
D	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. (APPLIES TO XYLENE)</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>
M	REC	AIR	OCC	MAC	<p>TWA: 430 MG/M3 (100 PPM) (INCLUDING ALL ISOMERS OF XYLENE).</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>
E	REG	AIR	OCC	HLV	<p>1D-TWA: 200 MG/M3 (50 PPM); 15 MIN - STEL: 450 MG/M3 (100 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>
	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 3 = INFLAMMABLE LIQUID. UN NO.1307.</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>
L	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 100 PPM, 434 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 150 PPM, 651 MG/M3 /XYLENE (O-, M-, P-ISOMERS); 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 : o-Xylene

RTECS Number : ZE2450000

CAS Number : 95-47-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	1000 PPM /XYLENE (O-, M-, AND P-ISOMERS)/ <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,226,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,226,1990 <u>Entry / Update</u> : OCT1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference</u> : FERECAC,51,,32726,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991
USA	REG	MANUF USE SAFTY	REQ OCC OCC	PRMT PRMT MXL	THE FOLLOWING CHEMICAL IS INCLUDED ON A LIST OF CHEMICALS AND MIXTURES FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCES CONTROL ACT SECTION 2607A. THIS TOXIC SUBSTANCE IS SUBJECT TO PRELIMINARY ASSESSMENT INFORMATION RULES ON PRODUCT ION QUANTITIES, USES, EXPOSURES, AND ADVERSE EFFECTS. MANUFACTURERS INCLUDING IMPORTERS MUST SUBMIT A REPORT FOR THIS LISTED CHEMICAL MANUFACTURED AT EACH SITE. <u>Title</u> : PRELIMINARY ASSESSMENT INFORMATION RULES <u>Reference</u> : 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
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG):, ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991
USA	REG	AIR 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 AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FERECAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991

Common Name : p-Xylene

RTECS Number : ZE2625000

CAS Number : 106-42-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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) = < 0.3 MG/L. THE LEVELS ARE SET BY THE GUIDELINES FOR CANADIANDRINKING WATER QUALITY - 1989. THE GUIDELINES ARE PREPARED BY THE FEDERAL-PROVINCIAL SUBCOMMITTEE ON DRINKING WATER OF THE FEDERAL-PROVINCIAL ADVISORY COMMITTEE ON ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND PUBLISHED BY AUTHORITY OF THE MINISTER OF NATIONAL HEALTH AND WELFARE; THEYSPECIFY RECOMMENDATIONS AND LIMITS FOR SUBSTANCES AND CONDITIONS WHICH AFFECT THE QUALITY OF DRINKING WATER.</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>
OSK	REG	AIR	OCC	MAC	<p>TWA : 200.0 MG/M3 ; CLV : 1000.0 MG/M3 (APPLIES TO ALL XYLENE ISOMERS)</p> <p><u>Title :</u> DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference :</u> HPMZC*,39,,1978 <u>Effective Date :</u> MCH1985</p> <p><u>Last Amendment :</u> HPMZC*,58,,1985 <u>Entry / Update :</u> DEC1991</p>
OSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE FOURTH GROUP OF AIR POLLUTANTS (ORGANIC GASES AND VAPOURS) (APPLIES TO ALL XYLENE ISOMERS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference :</u> SZCSR*,84,2061,1991 <u>Effective Date :</u> 1OCT1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
OSK	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 XYLENE ISOMERS)</p> <p><u>Title :</u> PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference :</u> SZCSR*,69,1650,1991 <u>Effective Date :</u> 1AUG1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JAN1992</p>
DEU	REC	AIR	OCC	BAT	<p>BLOOD: 1.5 MG/L, AS XYLENE. URINE: 2 G/L, AS METHYLHIPURIC ACID. SAMPLING TIME: END OF EXPOSURE OR END OF SHIFT. APPLIES TO ALL ISOMERS OF XYLENE.</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 : **p-Xylene**
 RTECS Number : **ZE2625000**

CAS Number : **106-42-3**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 100 ML/M3 (PPM); 440 MG/M3 (20C, 101.3 KPA). SUBSTANCE WITH SYSTEMIC EFFECTS. ONSET OF EFFECT <= 2H. HALF-LIFE < 2H. 30 MIN- STEL: 200 ML/M3 (PPM); 880 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: 0.7-0.9 KPA AT 20C. APPLIES TO ALL ISOMERS OF XYLENE.</p> <p><u>Title</u> : MAXIMUM CONCENTRATIONS AT THE WORKPLACE AND BIOLOGICAL TOLERANCE VALUES FOR WORKING MATERIALS (MAXIMALE ARBEITSPLATZKONZENTRATIONEN UND BIOLOGISCHE ARBEITSTOFFTOLERANZWERTE)</p> <p><u>Reference</u> : MPGDFD,XXVII,,17,1991 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
DEU	REC	AQ USE	- INDST	CLASS RQR	<p>THIS SUBSTANCE IS CLASSIFIED AS HAZARDOUS TO WATER (WATER-HAZARD CLASS: WGK 2). (THE DIFFERENT CLASSES ARE: WGK 3 = VERY HAZARDOUS; WGK 2 = HAZARDOUS; WGK 1 = SLIGHTLY HAZARDOUS; WGK 0 = IN GENERAL NOT HAZARDOUS.) APPLIES TO ALL ISOMERS OF XYLENE. 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>XYLENES BELONG 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: FLAMMABLE (R 10). XN - HARMFUL; HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21). XI - IRRITANT; IRRITATING TO SKIN (R 38). LABEL: XN - HARMFUL; FLAMMABLE (R 10); HARMFUL BY INHALATION AND IN CONTACT WITH SKIN (R 20/21). IRRITATING TO SKIN (R 38). AVOID CONTACT WITH EYES (S 25). 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 SKIN (R 38). 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	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. (APPLIES TO XYLENES).</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>

Common Name : p-Xylene

RTECS Number : ZE2625000

CAS Number : 106-42-3

Area Type Subject Spec. Description Level / Summary Information :

BR	REG	AIR	OCC	OES	OES: 8H-TWA: 435 MG/M3 (100 PPM). STEL (10 MIN-TWA): 650 MG/M3 (150 PPM). SKIN ABSORPTION. (APPLIES TO ALL ISOMERS) <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
MO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. PACKING GROUP: III = MINOR DANGER (I=GREAT DANGER - III=MINOR DANGER). UN NO. 1307 <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : IMCOC*,,,10004,1990 <u>Effective Date</u> : <u>Entry / Update</u> : JAN1991
IND	REG	MANUF SAFETY STORE IMPRT	-	RQR RQR RQR RQR	THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F) PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPE WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT. (APPLIES TO XYLENE) <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
PN	REC	AIR	OCC	MAC	TWA: 430 MG/M3 (100 PPM) (INCLUDING ALL ISOMERS OF XYLENE). <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
WE	REG	AIR	OCC	HLV	1D-TWA: 200 MG/M3 (50 PPM); 15 MIN - STEL: 450 MG/M3 (100 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
IN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 3 = INFLAMMABLE LIQUID. UN NO.1307 <u>Title</u> : <u>Reference</u> : <u>Last Amendment</u> : UNTDG*,,,15,1989 <u>Effective Date</u> : <u>Entry / Update</u> : SEP1982
SA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 100 PPM, 434 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 150 PPM, 651 MG/M3 /XYLENE (O-, M-, P-ISOMERS); 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>Effective Date</u> : 1989 <u>Last Amendment</u> : ACGIH*,,,11,1991 <u>Entry / Update</u> : DEC1991

Common Name : p-Xylene

RTECS Number : ZE2625000

CAS Number : 106-42-3

Area	Type	Subject	Spec.	Description	Level / Summary Information :
USA	REC	SAFTY USE	OCC OCC	MXL MXL	1000 PPM /XYLENE (O-, M-, AND P-ISOMERS)/ <u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS <u>Reference</u> : XPHPAW,90,117,226,1990 <u>Effective Date</u> : JUN1990 <u>Last Amendment</u> : XPHPAW,90,117,226,1990 <u>Entry / Update</u> : OCT1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991
USA	REG	MONIT	-	RQR	THIS IS A CHEMICAL OR MIXTURE FOR WHICH REPORTING IS CURRENTLY REQUIRED UNDER THE TOXIC SUBSTANCE CONTROL ACT HEALTH AND SAFETY STUDIES SECTION 2607D. PERSONS WHO CURRENTLY MANUFACTURE OR PROCESS CHEMICAL SUBSTANCES OR MIXTURES FOR COMMERCIAL PURPOSES, THOSE WHO PROPOSE TO DO SO, AND THOSE WHO ARE NOT CURRENTLY INVOLVED WITH A LISTED CHEMICAL BUT WHO MANUFACTURED OR PROCESSED IT OR PROPOSED TO DO SO ANY TIME DURING THE TEN YEAR PERIOD PRIOR TO THE TIME IT BECAME LISTED MUST SUBMIT TO THE ADMINISTRATOR OF THE U.S. EPA STUDIES OR LISTS OF HEALTH AND SAFETY STUDIES CONDUCTED ON THIS SUBSTANCE FOR EVALUATION. <u>Title</u> : HEALTH AND SAFETY DATA REPORTING RULES SECTION 8(D) <u>Reference</u> : FEREC,51,,32726,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,716,120,1990 <u>Entry / Update</u> : OCT1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : 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	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	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> : 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 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 : **Xylidine**RTECS Number : **ZE8575000**CAS Number : **1300-73-8****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 10 MG/M3 (2 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,J,1,1979 <u>Effective Date</u> : 29MAY1991</p> <p><u>Last Amendment</u> : ARGOB*,27145,J,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: 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>
OSK	REG	AIR	OCC	MAC	<p>TWA: 5.0 MG/M3; CLV: 20.0 MG/M3 (APPLIES TO ALL XYLIDINE ISOMERS)</p> <p><u>Title</u> : DIRECTIVE NO. 46/1978 ON HYGIENIC REQUIREMENTS ON OCCUPATIONAL ENVIRONMENT</p> <p><u>Reference</u> : HPMZC*,39,,1978 <u>Effective Date</u> : MCH1985</p> <p><u>Last Amendment</u> : HPMZC*,58,,1985 <u>Entry / Update</u> : DEC1991</p>
DEU	REC	AIR	OCC	MAK	<p>8H-TWA: 5 ML/M3 (PPM); 25 MG/M3 (20C, 101.3 KPA). DANGER OF CUTANEOUS ABSORPTION. APPLIES TO ALL ISOMERS OF XYLIDINE EXCEPT 2,4-XYLIDINE.</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: 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).</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 : **Xylidine**RTECS Number : **ZE8575000**CAS Number : **1300-73-8**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	AIR	OCC	OES	<p>8H-TWA: 10MG/M3 (2PPM). STEL(10MIN-TWA): 50MG/M3 (10PPM). SKIN ABSORPTION. (APPLIES TO ALL 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>
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 XYLIDINES, SOLID OR LIQUID). UN NO. 1711 (APPLIES TO ALL XYLIDINES)</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IND	REG	MANUF SAFTY STORE IMPRT		RQR RQR RQR RQR	<p>THESE RULES DEFINE THE RESPONSABILITIES OF OCCUPIERS OF ANY INDUSTRIAL ACTIVITY IN WHICH THIS TOXIC AND HAZARDOUS SUBSTANCE MAY BE INVOLVED. THESE RESPONSABILITIES ENCOMPASS: (A) ASSESSMENT OF MAJOR HAZARDS (CAUSES, OCCURRENCE, FREQUENCY); (B) MEASURES TO PREVENT ACCIDENTS AND LIMIT EVENTUAL IMPAIRMENT TO HUMAN HEALTH AND POLLUTION OF THE ENVIRONMENT; (C) PROVISION OF RELEVANT FACTUAL KNOWLEDGE AND SKILLS TO WORKERS IN ORDER TO ENSURE HEALTH AND ENVIRONMENTAL SAFETY WHEN HANDLING EQUIPMENTS AND THE FOREGOING CHEMICAL; (D) NOTIFICATION OF THE COMPETENT AUTHORITIES IN CASE OF MAJOR ACCIDENTS; (E) NOTIFICATION OF SITES TO THE COMPETENT AUTHORITIES 3 MONTHS BEFORE COMMENCING; (F)PREPARATION OF AN ON-SITE EMERGENCY PLAN AS TO HOW MAJOR ACCIDENTS SHOULD BE COPED WITH; (G) PROVISION OF COMPETENT AUTHORITIES WITH INFORMATION AND MEANS TO RESPOND QUICKLY AND EFFICIENTLY TO ANY OFF-SITE EMERGENCY; (H) PROVISION OF INFORMATION TO PERSONS OUTSIDE THE SITE, LIABLE TO BE AFFECTED BY A MAJOR ACCIDENT; (I) LABELLING OF CONTAINERS AS TO CLEARLY IDENTIFY CONTENTS, MANUFACTURERS, PHYSICAL, CHEMICAL AND TOXICOLOGICAL DATA; (J) PREPARATION OF A SAFETY DATA SHEET INCLUDING ANY SIGNIFICANT INFORMATION REGARDING HAZARD OF THIS SUBSTANCE AND SUBMISSION OF SAFETY REPORTS TO THE COMPETENT AUTHORITIES; (K) FOR THE IMPORT OF A HAZARDOUS CHEMICAL TO INDIA, IMPORTERS MUST SUPPLY THE COMPETENT AUTHORITIES WITH SPECIFIED INFORMATION REGARDING THE SHIPMENT.</p> <p><u>Title :</u> THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES. 1989</p> <p><u>Reference :</u> GAZIN*,787,,1989 <u>Effective Date :</u> 27NOV1988</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 25MG/M3 (5PPM) 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> 28MAY1988</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: 0.08 MG/CM3 (APPLIES TO ALL XYLIDINE ISOMERS)</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	AIR	OCC	MAC CLASS	<p>CLV: 3.0 MG/M3 (VAPOUR) HAZARD CLASS: III</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u> 01JAN1988</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: II = MEDIUM DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1711 (APPLIES TO ALL XYLIDINES)</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 : **Xylidine**RTECS Number : **ZE8575000**CAS Number : **1300-73-8**Area Type Subject Spec. Description Level / Summary Information :

ISA	REC	AIR	OCC	TLV	TIME WEIGHTED AVG (TWA) 2 PPM, 9.9 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.
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Title : THRESHOLD LIMIT VALUESReference : ACGIH*,11,1989Effective Date : 1989Last Amendment : ACGIH*,11,1991Entry / Update : DEC1991

ISA	REC	SAFTY USE	OCC OCC	MXL MXL	150 PPM
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Title : POCKET GUIDE TO CHEMICAL HAZARDSReference : XPHPAW,90,117,226,1990Effective Date : JUN1990Last Amendment : XPHPAW,90,117,226,1990Entry / Update : OCT1991

Common Name : Zinc

RTECS Number : ZG8600000

CAS Number : 7440-66-6

Area Type Subject Spec. Description Level / Summary Information :

CAN	REC	WASTE AQ	EMI	GL	<p>THE RECOMMENDED EFFLUENT PARAMETERS IN TABLE 7-6 (INORGANICS AND OTHER PARAMETERS) AND TABLE 7-7 (SELECTED ORGANICS) SHOULD PROVIDE SUFFICIENT ENVIRONMENTAL PROTECTION. TABLE 7-6, 7-7: RECOMMENDED EFFLUENT CRITERIA FOR PHYSICAL-CHEMICAL-BIOLOGICAL PLANT - MAXIMUM CONCENTRATION: (DISSOLVED) 0.2 MG/L. PRESCRIBED BY THE NATIONAL GUIDELINES ON PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTE, A DOCUMENT COMMISSIONED AS PART OF THE CANADIAN COUNCIL OF RESOURCE AND ENVIRONMENT MINISTERS HAZARDOUS WASTE ACTION PLAN. IT IS INTENDED FOR USE BY PROVINCIAL AND FEDERAL AUTHORITIES AND PROVIDES REFERENCE ON BASIC DESIGN, OPERATING AND PERFORMANCE STANDARDS FOR THE PHYSICAL-CHEMICAL-BIOLOGICAL TREATMENT OF HAZARDOUS WASTES. IT ALSO PROVIDES A FRAMEWORK OF PRINCIPLES, METHODOLOGIES AND MINIMUM STANDARDS WHICH IF ADHERED TO SHOULD MINIMIZE THE RISKS TO HUMAN HEALTH AND THE ENVIRONMENT FROM PHYSICAL-CHEMICAL-BIOLOGICAL FACILITIES FOR THE TREATMENT OF HAZARDOUS WASTES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CCMEEC,,,1989 <u>Effective Date :</u> AUG1989</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> DEC1991</p>
CAN	REC	AQ	EMI	GL	<p>SCHEDULE I - OBJECTIVES FOR SUBSTANCES: MAX. TOTAL CONCENTRATION - 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	AQ	DRINK	GL MAC	<p>AESTHETIC OBJECTIVE (AO) = < 5.0 MG/L. PROPOSED 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	AQ	EMI WASTE	MXL	<p>SCHEDULE I - PART I - AUTHORIZED LEVELS OF SUBSTANCE - MAXIMUM AUTHORIZED MONTHLY ARITHMETIC MEAN CONCENTRATION: 0.5 MG/L; MAXIMUM AUTHORIZED CONCENTRATION IN A COMPOSITE SAMPLE: 0.75 MG/L; MAXIMUM AUTHORIZED CONCENTRATION IN A GRAB SAMPLE: 1.0 MG/L. SCHEDULE I - PART II - AUTHORIZED LEVELS OF PH - MINIMUM AUTHORIZED MONTHLY ARITHMETIC MEAN PH: 6.0; MINIMUM AUTHORIZED PH IN A COMPOSITE SAMPLE: 5.5; MINIMUM AUTHORIZED PH IN A GRAB SAMPLE: 5.0. THESE LIMITS ARE PRESCRIBED BY THE METAL MINING LIQUID EFFLUENT REGULATIONS WHICH FALL UNDER THE FISHERIES ACT, ADMINISTERED BY THE DEPARTMENT OF FISHERIES AND OCEANS. THEY AUTHORIZE THE DEPOSIT OF DELETERIOUS SUBSTANCES IN LIQUID EFFLUENTS ENTERING WATER FREQUENTED BY FISH FROM A MINE, IN SPECIFIED LEVELS. THEY ALSO INDICATE THE FREQUENCY OF SAMPLING AND ANALYSIS FOR THESE SUBSTANCES, DEPENDING ON THEIR CONCENTRATION.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CRCAEL,7,819,5145,1978 <u>Effective Date :</u> 25FEB1977</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> JUN1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1436. CLASS (4.3): DANGEROUS WHEN WET; CLASS (4.2): SPONTANEOUS COMBUSTIBLE. SPECIAL PROVISIONS: 46, 48. PACKING GROUP II, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 15 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES. (APPLIES TO ZINC POWDER AND DUST)</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 : **Zinc**RTECS Number : **ZG8600000**CAS Number : **7440-66-6****Area Type Subject Spec. Description Level / Summary Information :**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FEED	-	MXL	<p>MXL: 250 MG/KG (APPLIES TO TOTAL FEEDINGSTUFF), 25-500 MG/KG (APPLIES TO SPECIFIC FEEDINGSTUFFS)</p> <p><u>Title</u> : NOTICE OF FEDERAL MINISTRY OF AGRICULTURE AND FOOD ON CARE FOR ANIMAL HEALTH</p> <p><u>Reference</u> : SZCSR*,25,609,1987 <u>Effective Date</u> : 1JAN1988</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AIR	AMBI	CLASS	<p>THE SUBSTANCE IS CLASSIFIED IN THE SECOND GROUP OF AIR POLLUTANTS (SOLID INORGANIC AIR POLLUTANT) (APPLIES TO ZINC AND ITS COMPOUNDS EXPRESSED AS ZINC)</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT TO ACT NO. 309 FROM 9 JULY 1991 ON AIR PROTECTION AGAINST AIR POLLUTANTS</p> <p><u>Reference</u> : SZCSR*,84,2061,1991 <u>Effective Date</u> : 1OCT1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	WASTE	INDST	CLASS RQR	<p>THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE COMPONENT. IT IS OR CAN BE DANGEROUS TO HUMAN HEALTH OR ENVIRONMENT. QUANTITY, SPECIFICATION, USE OR DISPOSAL OF THE WASTE MUST BE REPORTED TO AUTHORITIES. TRANSPORT AND DISPOSAL OF THE WASTE MUST BE PERFORMED IN ACCORDANCE WITH SPECIAL DIRECTIVE.</p> <p><u>Title</u> : PROVISION OF FEDERAL COMMITTEE FOR ENVIRONMENT WHICH DECLARES WASTE CLASSIFICATION AND CATALOGUE</p> <p><u>Reference</u> : SZCSR*,69,1650,1991 <u>Effective Date</u> : 1AUG1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	SLUDG USE	AGRIC	MAC	<p>MAC IN INDUSTRIAL COMPOSTS: 3000 MG/KG (APPLIES TO COMPOST COMPONENTS); 300 MG/KG (APPLIES TO 1.CLASS COMPOST); 600 MG/KG (APPLIES TO 2.CLASS COMPOST - NOT ALLOWED TO USE FOR GROWING OF PRODUCTS FOR DIRECT CONSUMPTION)</p> <p><u>Title</u> : INDUSTRIAL COMPOST</p> <p><u>Reference</u> : CSNOR*,465735,,,1991 <u>Effective Date</u> : 1JUN1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JAN1992</p>
CSK	REG	FOOD	-	MPC	<p>LIMITS OF CONTAMINANT PRESENT DUE TO PRODUCTION, PACKING, TRANSPORT AND STORAGE OF FOOD PRODUCTS: 2.5-200 MG/KG (SPECIFIED FOOD PRODUCTS);10 MG/KG (BEVERAGES, GENERAL). (APPLIES TO ZINC AND ITS COMPOUNDS).</p> <p><u>Title</u> : DIRECTIVE NO. 50/1978 ON FOREIGN SUBSTANCES IN FOODSTUFFS</p> <p><u>Reference</u> : HPMZC*,43,,,1978 <u>Effective Date</u> : 1JUL1986</p> <p><u>Last Amendment</u> : HPMZC*,61,,,1986 <u>Entry / Update</u> : DEC1991</p>
CSK	REG	AQ	SURF	CLASS	<p>SURFACE WATER IS CLASSIFIED INTO FIVE CLASSES ACCORDING TO FOLLOWING CONCENTRATIONS OF THE SUBSTANCE: I CLASS: BELOW 0.02 MG/L II CLASS: BELOW 0.05 MG/L III CLASS: BELOW 0.1 MG/L IV CLASS: BELOW 0.5 MG/L V CLASS: ABOVE 0.5 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	MAC	<p>0.1 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	AQ	DRINK	MAC	<p>5.0 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 DRINK	MAC	<p>0.05 MG/L (APPLIES TO ZINC 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>
DEU	REC	AQ	GRND	CLASS	<p>ZINC AND ITS COMPOUNDS CAN BE HAZARDOUS TO GROUNDWATER.</p> <p><u>Title</u> : ADMINISTRATIVE RULES CONCERNING WATER-HAZARDOUS SUBSTANCES (VERWALTUNGSVORSCHRIFT WASSERGEFAEHRDENDE STOFFE)</p> <p><u>Reference</u> : GMSMA6,8,114,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991</p>

Common Name : Zinc

RTECS Number : ZG860000

CAS Number : 7440-66-6

Area	Type	Subject	Spec.	Description	Level / Summary Information :
DEU	REG	AQ	DRINK	GL	<p>5 MG/L (CALCULATED AS ZN) CORRESPONDING TO ABOUT 76 MMOLE/M3; PERMISSIBLE TOLERANCE OF THE MEASURED VALUE +/- 0.5 MG/L. THE GUIDELINE LEVEL APPLIES AFTER A 12 HOUR STAGNATION. WITHIN 2 YEARS AFTER THE INSTALLATION OF STEEL PIPES LINED WITH ZINC THE GUIDELINE LEVEL IS VALID WITHOUT CONSIDERATION OF THE STAGNATION.</p> <p><u>Title</u> : ORDINANCE ON DRINKING WATER (TRINKWASSERVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,2612,1990 <u>Effective Date</u> : 01JAN1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,227,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	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>
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	ADDIT	MXL	<p>ANTIOXIDANTS WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION MUST NOT CONTAIN MORE THAN 50 MG/KG OF COPPER AND ZINC TAKEN TOGETHER OF WHICH THE ZINC CONTENT MUST NOT BE HIGHER THAN 25 MG/KG.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 13 JULY 1970 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE ANTIOXIDANTS AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION (70/357/EEC).</p> <p><u>Reference</u> : OJEC**,L157,,31,1970 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L24,,41,1987 <u>Entry / Update</u> : OCT1987</p>
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 : Zinc

RTECS Number : ZG8600000

CAS Number : 7440-66-6

Area Type Subject Spec. Description Level / Summary Information :

EC	REG	AQ	DRINK	RQR	QUALITY STANDARD FOR ZINC IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER: 3 MG ZN/L FOR SIMPLE WATER TREATMENT METHODS AND 5 MG ZN/L FOR NORMAL AND INTENSIVE METHODS. GUIDELINE VALUES: 0.5 MG ZN/L FOR SIMPLE AND 1 MG ZN/L FOR NORMAL AND INTENSIVE METHODS. MEMBER STATES SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.
		AQ	SURF	RQR	
		AQ	FRESH	RQR	
					<u>Title</u> : COUNCIL DIRECTIVE OF 16 JUNE 1975 CONCERNING THE QUALITY REQUIRED OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (75/440/EEC)
					<u>Reference</u> : OJEC**L194,,26,1975 <u>Effective Date</u> : 25JUL1977
					<u>Last Amendment</u> : <u>Entry / Update</u> : APR1986
EC	REG	FEED	ADDIT	PRMT	ZINC MAY BE ADDED AS A TRACE ELEMENT IN THE FORMS OF ZINC LACTATE TRIHYDRATE, ZINC ACETATE DIHYDRATE, ZINC CARBONATE, ZINC CHLORIDE MONOHYDRATE, ZINC OXIDE, ZINC SULFATE HEPTAHYDRATE AND ZINC SULFATE MONOHYDRATE (EEC NO. E6) TO FEEDINGSTUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES TO THE SAME DIRECTIVE. 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
EC	REG	FOOD	ADDIT	MXL	PRESERVATIVES WHICH ARE AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION SHALL NOT CONTAIN MORE THAN 50 MG/KG OF COPPER AND ZINC TOGETHER AND NOT MORE THAN 25 MG/KG OF ZINC ALONE.
					<u>Title</u> : COUNCIL DIRECTIVE OF 5 NOVEMBER 1963 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES CONCERNING THE PRESERVATIVES AUTHORISED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION. (65/54/EEC).
					<u>Reference</u> : OJEC**L12,,161/64,1964 <u>Effective Date</u> : 14MAY1977
					<u>Last Amendment</u> : OJEC**L352,,45,1986 <u>Entry / Update</u> : FEB1986
EC	REG	FOOD	ADDIT	MXL	NOT MORE THAN 100 MG/KG EACH OF ANTIMONY, COPPER, CHROMIUM, ZINC OR BARIUM SULPHATE, OR 200 MG/KG OF ALL TOGETHER MAY BE CONTAINED IN COLOURING MATTERS AUTHORIZED FOR USE IN FOODSTUFFS INTENDED FOR HUMAN CONSUMPTION.
					<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**L115,,2645/62,1962 <u>Effective Date</u> :
					<u>Last Amendment</u> : OJEC**L43,,11,1981 <u>Entry / Update</u> : FEB1986
EC	REG	FEED	METHD	RQR	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.
					<u>Title</u> : EIGHTH COMMISSION DIRECTIVE OF 15 JUNE 1978 ESTABLISHING COMMUNITY METHODS OF ANALYSIS FOR THE OFFICIAL CONTROL OF FEEDINGSTUFFS. (78/633/EEC).
					<u>Reference</u> : OJEC**L206,,43,1978 <u>Effective Date</u> : 01JUN1984
					<u>Last Amendment</u> : OJEC**L15,,28,1984 <u>Entry / Update</u> : OCT1987
EC	REG	WASTE	-	RQR	WHEN WASTE FROM TITANIUM DIOXIDE INDUSTRY IS DISCHARGED INTO SALT WATER
		AQ	MARIN	RQR	(ESTUARINE, COASTAL, OPEN SEA) MEMBER STATES MUST MANDATORILY REQUIRE THE
		MONIT	METHD	RQR	MONITORING OF ZN IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR ZN IN NON-FILTERED OR FILTERED SEA WATER AND SUSPENDED SOLIDS AT LEAST 3X/YEAR, AS WELL AS IN SEDIMENTS AT LEAST 1X/YEAR. (REFERENCE METHOD : AAS)
					<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
EC	REG	AQ	EMI	RSTR	CONVENTION FOR THE PREVENTION OF MARINE POLLUTION FROM LAND-BASED SOURCES:
		AQ	MARIN	RSTR	CONTRACTING PARTIES SHALL UNDERTAKE TO STRICTLY LIMIT POLLUTION OF MARITIME AREAS BY, AMONG OTHERS, THIS SUBSTANCE AND ITS COMPOUNDS.
					<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).
					<u>Reference</u> : OJEC**L194,,5,1975 <u>Effective Date</u> :
					<u>Last Amendment</u> : <u>Entry / Update</u> : APR1986

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
EEC	REG	FOOD LABEL	- CONSM	PRMT RQR	<p>A NUTRITION CLAIM IS PERMITTED FOR THIS SUBSTANCE. WHERE NUTRITION LABELLING IS PROVIDED, THERE ARE REQUIREMENTS CONCERNING THE INFORMATION TO BE GIVEN TO THE CONSUMER INCLUDING MASS CATERERS.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 24 SEPTEMBER 1990 ON NUTRITION LABELLING FOR FOODSTUFFS. (90/496/EEC)</p> <p><u>Reference</u> : OJEC**,L276,,40,1990 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1991</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: REACTS VIOLENTLY WITH WATER (R 14). F - HIGHLY FLAMMABLE; SPONTANEOUSLY FLAMMABLE IN AIR (R 17). C - CORROSIVE; CAUSES BURNS (R 34). LABEL: F - HIGHLY FLAMMABLE; C - CORROSIVE; REACTS VIOLENTLY WITH WATER (R 14); SPONTANEOUSLY FLAMMABLE IN AIR (R 17); CAUSES BURNS (R 34); KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING (S 16); IN CASE OF FIRE, USE ... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - 'NEVER USE WATER') (S 43). APPLIES TO ZINC ALKYL. THE NAME OF THE SUBSTANCE MUST BE STATED ON THE LABEL.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: FLAMMABLE (R 10). F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE GASES (R 15). LABEL: FLAMMABLE (R 10); CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE GASES (R 15); KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8); IN CASE OF FIRE, USE ... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT. IF WATER INCREASES THE RISK, ADD - 'NEVER USE WATER') (S 43). APPLIES TO ZINC POWDER OR ZINC DUST.</p> <p><u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES</p> <p><u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992</p> <p><u>Last Amendment</u> : OJEC**L 180,,79,1991 <u>Entry / Update</u> : APR1992</p>
EEC	REG	AQ WASTE	GRND REMOV	RQR RSTR	<p>MEMBER STATES SHALL TAKE THE NECESSARY STEPS TO LIMIT THE INTRODUCTION OF THIS SUBSTANCE AND ITS COMPOUNDS INTO GROUNDWATER BY SUBJECTING TO PRIOR INVESTIGATION AND AUTHORIZATION: A) ALL DIRECT DISCHARGES; B) ANY DISPOSAL OR TIPPING WHICH MIGHT LEAD TO INDIRECT DISCHARGE; AND BY TAKING THE APPROPRIATE MEASURES DEEMED NECESSARY TO LIMIT ALL INDIRECT DISCHARGES.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES. (80/68/EEC).</p> <p><u>Reference</u> : OJEC**,L20,,43,1980 <u>Effective Date</u> : 26JAN1982</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>
EEC	REG	WASTE	-	RQR	<p>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 ZINC 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	FRESH	RQR	<p>QUALITY STANDARD FOR TOTAL ZINC IN FISH WATERS: A) SALMON-CONTAINING: <0.3 MG ZN/L; B) OTHERS (CARP-CONTAINING): <1.0 MG ZN/L (REFERENCE METHOD: AAS). MEMBER STATES SHALL DESIGNATE ARTIFICIAL OR NATURAL FRESH WATERS AS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE, SHALL SET STANDARDS AT LEAST AS STRINGENT AS THOSE SET OUT IN THIS DIRECTIVE AND SHALL ENDEAVOUR TO RESPECT THE GUIDELINE VALUES GIVEN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 18 JULY 1978 ON THE QUALITY OF FRESH WATERS NEEDING PROTECTION OR IMPROVEMENT IN ORDER TO SUPPORT FISH LIFE. (78/659/EEC).</p> <p><u>Reference</u> : OJEC**,L222,,1,1978 <u>Effective Date</u> : 14AUG1980</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : APR1986</p>

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EC	REG	SOIL - USE SLUDG	EEC AGRIC - - AGRIC	MXL - RQR RSTR	<p>LIMIT VALUES FOR CONCENTRATION OF THE SUBSTANCE IN SOIL: 150-300 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: 2500-4000 MG/KG OF DRY MATTER. LIMIT VALUE FOR AMOUNT OF THE SUBSTANCE WHICH MAY BE ADDED ANNUALLY TO AGRICULTURAL LAND: 30KG/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>
EC	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>
EC	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 ZN 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>
EC	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 ZN IN LIVING ORGANISMS AT LEAST 1X/YEAR AND CAN OPTIONALLY REQUIRE IT FOR ZN 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>
EC	REG	AQ AQ MONIT	EEC DRINK DRINK METHD	MAC GL RQR	<p>MAC : -, GL : 100-5000 UG ZN/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>
EC	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>

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EEC	REG	AQ AQ MONIT	DRINK SURF METHD	RQR RQR RQR	<p>REFERENCE METHOD OF MEASUREMENT FOR ZINC IN SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IS AAS AND MAS. LIMIT OF DETECTION, PRECISION AND ACCURACY AS WELL AS FREQUENCIES OF SAMPLING AND ANALYSIS ARE LAID DOWN. THE QUALITY PARAMETERS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER ARE GIVEN IN COUNCIL DIRECTIVE 75/440/EEC - OJEC L194,26,1975.</p> <p><u>Title :</u> COUNCIL DIRECTIVE OF 9 OCTOBER 1979 CONCERNING THE METHODS OF MEASUREMENT AND FREQUENCIES OF SAMPLING AND ANALYSIS OF SURFACE WATER INTENDED FOR THE ABSTRACTION OF DRINKING WATER IN THE MEMBER STATES. (79/869/EEC)</p> <p><u>Reference :</u> OJEC**,L271,,44,1979</p> <p><u>Effective Date :</u> 09OCT1981</p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> OCT1987</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE GASES (R 15); SPONTANEOUSLY FLAMMABLE IN AIR (R 17). LABEL: F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES HIGHLY FLAMMABLE GASES (R 15); SPONTANEOUSLY FLAMMABLE IN AIR (R 17); KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8); IN CASE OF FIRE, USE ... (INDICATE THE PRECISE TYPE OF FIRE-FIGHTING EQUIPMENT, IF WATER INCREASES THE RISK. ADD - 'NEVER USE WATER') (S 43). APPLIES TO ZINC POWDER OR ZINC DUST (PYROPHORIC).</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</p> <p><u>Effective Date :</u> 1JUL1992</p> <p><u>Last Amendment :</u> OJEC**,L 180,,79,1991</p> <p><u>Entry / Update :</u> APR1992</p>
FW	REC	FOOD	-	ADI	<p>PROVISIONAL MAXIMUM TOLERABLE DAILY INTAKE: 0.3-1.0 MG/KG BW</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Effective Date :</u> 1982</p> <p><u>Last Amendment :</u> WHFAAC,17, 6,1982</p> <p><u>Entry / Update :</u> APR1991</p>
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	<p>MELTING ZINC OR A ZINC ALLOY IN CONJUNCTION WITH A GALVANISING PROCESS IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSl*,472,,1991</p> <p><u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> 1992</p>
GBR	REG	WASTE		RQR	<p>ANY PERSON WHO PRODUCES, DISPOSES OF OR IMPORTS "SPECIAL WASTE" IS REQUIRED TO COMPLETE A CONSIGNMENT NOTE FOR THE DISPOSAL AUTHORITIES. CONSIDERED AS SPECIAL WASTE IS ANY CONTROLLED WASTE WHICH CONSISTS OF OR CONTAINS THIS SUBSTANCE AND BY REASON OF THE PRESENCE OF THIS SUBSTANCE IS DANGEROUS TO LIFE OR HAS A FLASHPOINT OF <=21C. APPLIES TO CONTROLLED WASTE CONSISTING OF OR CONTAINING ZINC COMPOUNDS.</p> <p><u>Title :</u> THE CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980</p> <p><u>Reference :</u> GBRSl*,1709,,1980</p> <p><u>Effective Date :</u> 16MCH1981</p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> JAN1986</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 ZINC EXPRESSED AS ZN 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> GBRSl*,71,,1985</p> <p><u>Effective Date :</u> 21FEB1985</p> <p><u>Last Amendment :</u></p> <p><u>Entry / Update :</u> AUG1986</p>
GBR	REG	AQ MONIT	DRINK	MPC RQR	<p>5000UG ZN/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> GBRSl*,1147,,1989</p> <p><u>Effective Date :</u> 01SEP1989</p> <p><u>Last Amendment :</u> GBRSl*,1837,,1991</p> <p><u>Entry / Update :</u> 1992</p>

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GBR	REG	AQ MONIT	DRINK	MPC RQR	5000UG ZN/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). <u>Title</u> : THE PRIVATE WATER SUPPLIES REGULATIONS 1991 <u>Reference</u> : GBRSI*,2790,,1991 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
GBR	REG	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 ZINC SALTS IN DRILLING BRINE SOLUTIONS). <u>Title</u> : THE MERCHANT SHIPPING (CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK) REGULATIONS 1987, SCHEDULE 1 <u>Reference</u> : GBRSI*,551,,15,1987 <u>Effective Date</u> : 06APR1987 <u>Last Amendment</u> : GBRSI*,2604,,2,1990 <u>Entry / Update</u> : 1992
GBR	REG	AQ AQ	SURF DRINK	CLASS RQR	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 3 MG/L ZN, DW2 WHERE THE CONCENTRATION DOES NOT EXCEED 5 MG/L ZN, OR DW3 WHERE THE CONCENTRATION DOES NOT EXCEED 5 MG/L ZN, PROVIDED THE CONCENTRATIONS OF OTHER SCHEDULED SUBSTANCES DO NOT EXCEED THEIR PRESCRIBED MAXIMA. THIS SYSTEM OF CLASSIFICATION, WHICH IS ADDITIONAL TO THAT PRESCRIBED BY THE SURFACE WATERS (DANGEROUS SUBSTANCES) (CLASSIFICATION) REGULATIONS 1989 (SI 2286), RELATES TO THE LEVEL OF TREATMENT REQUIRED. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 75/440/EEC. <u>Title</u> : THE SURFACE WATERS (CLASSIFICATION) REGULATIONS 1989. <u>Reference</u> : GBRSI*,1148,,1989 <u>Effective Date</u> : 01SEP1989 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	ANY NON-FERROUS METAL PROCESS FOR THE EXTRACTION OR RECOVERY OF ZINC FROM MIXED SCRAP BY THE USE OF HEAT, IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	MELTING ZINC OR ALUMINIUM OR AN ALLOY OF ONE OR BOTH OF THESE METALS IN CONJUNCTION WITH A DIE-CASTING PROCESS IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992
GBR	REG	MANUF AIR	INDST EMI	RQR RSTR	THE PRODUCTION OF ANY COMPOUND OF ZINC WHERE THE PROCESS MAY RESULT IN THE RELEASE INTO THE AIR OF THIS ELEMENT OR ITS COMPOUNDS OR THE RELEASE INTO WATER OF A (SCHEDULE 5) PRESCRIBED SUBSTANCE IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE I OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS. <u>Title</u> : THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991 <u>Reference</u> : GBRSI*,472,,1991 <u>Effective Date</u> : 01APR1991 <u>Last Amendment</u> : <u>Entry / Update</u> : 1992

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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 ZINC IN ELEMENTAL OR COMPOUND FORM IS A PRESCRIBED PROCESS. TO CARRY ON THE PRESCRIBED PROCESSES IN SCHEDULE 1 OF THE REGULATIONS AFTER THE PRESCRIBED DATES (1 APRIL 1991 IN ENGLAND AND WALES, AND 1 APRIL 1992 IN SCOTLAND) AN AUTHORIZATION SUBJECT TO LOCAL CONTROL IS REQUIRED. THE REGULATIONS PROVIDE A FRAMEWORK FOR THE IMPLEMENTATION OF A SUBSTANTIAL NUMBER OF EC DIRECTIVES RELATING TO CONTROL OF POLLUTION SUCH AS 84/360/EEC ON THE COMBATING OF AIR POLLUTION FROM INDUSTRIAL PLANTS.</p> <p><u>Title :</u> THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES AND SUBSTANCES) REGULATIONS 1991</p> <p><u>Reference :</u> GBRSI*,472,,3,1991 <u>Effective Date :</u> 01APR1991</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> 1992</p>
GBR	REG	MONIT USE	METHD AGRIC	RQR RQR	<p>MEASURING METHOD FOR ZINC: ATOMIC ABSORPTION SPECTROPHOTOMETRY. THESE REGULATIONS DESCRIBE METHODS OF ANALYSIS. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 89/519/EEC WHICH SUPPLEMENTS AND AMENDS 77/535/EEC.</p> <p><u>Title :</u> THE FERTILIZERS (SAMPLING AND ANALYSIS) REGULATIONS 1978</p> <p><u>Reference :</u> GBRSI*,1108,,1978 <u>Effective Date :</u> 21JAN1992</p> <p><u>Last Amendment :</u> GBRSI*,2624,,1991 <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 15KG PER HECTARE PER YEAR, AS DETERMINED BY ATOMIC ABSORPTION SPECTROMETRY WITH A LIMIT OF DETECTION OF 50 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 200 MG/KG OF DRY MATTER, FOR PH 5.5 < 6.0, 250 MG/KG OF DRY MATTER, FOR PH 6.0 < 7.0, 300 MG/KG OF DRY MATTER AND FOR PH > 7.0, 450 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>
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 25 MG/KG OF ZINC OR 50 MG/KG OF A COMBINATION OF ZINC AND COPPER. THIS IS AN IMPLEMENTATION OF AN APPROXIMATION OF EC DIRECTIVE 64/65/EEC (LAST AMENDED BY 85/585/EEC).</p> <p><u>Title :</u> THE PRESERVATIVES IN FOOD REGULATIONS 1989</p> <p><u>Reference :</u> GBRSI*,533,,9,1989 <u>Effective Date :</u> 27APR1989</p> <p><u>Last Amendment :</u> GBRSI*,2287,,1989 <u>Entry / Update :</u> 1992</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.3 = SUBSTANCE, WHICH IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. SUBSIDIARY RISK LABEL: SPONTANEOUSLY COMBUSTIBLE. PACKING GROUP: II/III = MEDIUM DANGER/ MINOR DANGER. (APPLIES TO ZINC POWDER AND DUST, NON-PYROPHORIC). UN NO.1436.</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991</p>
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 4.3 = SUBSTANCE WHICH, IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. PACKING GROUP: III= MINOR DANGER (I=GREAT DANGER - III = MINOR DANGER. (APPLIES TO ZINC ASHES OR ZINC DROSS). UN NO.1435.</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 : Zinc

RTECS Number : ZG8600000

CAS Number : 7440-66-6

Area	Type	Subject	Spec.	Description	Level / Summary information :
IND	REG	WASTE WASTE	- REMOV	CLASS RQR	<p>WASTE CONTAINING THE SUBSTANCE IS CLASSIFIED AS HAZARDOUS WASTE (IT APPLIES TO WATER SOLUBLE ZINC COMPOUNDS). THE OCCUPIER GENERATING THESE WASTES IN QUANTITY EQUAL TO OR EXCEEDING 10 KG/YEAR (CALCULATED AS ZN) SHALL TAKE ALL PRACTICAL STEPS TO ENSURE THAT SUCH WASTES ARE PROPERLY HANDLED AND DISPOSED OF WITHOUT ANY ADVERSE EFFECTS. THE OCCUPIER IS ALSO RESPONSIBLE FOR PROPER COLLECTION, RECEPTION, TREATMENT, STORAGE AND DISPOSAL OF THESE WASTES. THE RULES FOR AUTHORIZATION FOR HANDLING AS WELL AS FOR PACKAGING, LABELLING AND TRANSPORT OF HAZARDOUS WASTES ARE ALSO GIVEN.</p> <p><u>Title</u> : THE HAZARDOUS WASTES (MANAGEMENT AND HANDLING) RULES, 1989</p> <p><u>Reference</u> : GAZIN*,465,,1,1989 <u>Effective Date</u> : 28JUL1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : JUN1992</p>
IND	REG	MANUF SAFY 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 ZINC AND ITS COMPOUNDS)</p> <p><u>Title</u> : THE MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICALS RULES, 1989</p> <p><u>Reference</u> : GAZIN*,787,,1,1989 <u>Effective Date</u> : 27NOV1989</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1992</p>
JPN	REG	AQ	DRINK	MXL	<p>THE CONCENTRATION OF ZINC IN DRINKING WATER SUPPLIED BY THE WATER WORKS SHOULD NOT EXCEED 1.0 MG/L.</p> <p><u>Title</u> : THE WATER WORKS LAW</p> <p><u>Reference</u> : JPNWW*,,,,1957 <u>Effective Date</u> : 16JUL1958</p> <p><u>Last Amendment</u> : JPNWW*,,,,1979 <u>Entry / Update</u> : DEC1991</p>
JPN	REG	AQ	EMI	MXL	<p>MAXIMUM LIMIT: 5 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: 5.0-200.0 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,,409,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982</p>
MEX	REG	AQ	AMBI	MPC	<p>0.01 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>10 MG/L IN ESTUARIES</p> <p><u>Title</u> : DIARIO OFICIAL</p> <p><u>Reference</u> : DOMEX*,29 MCH,,1167,1973 <u>Effective Date</u> : 27JUN1973</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1982</p>
RUS	REG	SOIL	-	MAC	<p>23.0 MG/KG (APPLIES TO MOBILE FORMS OF ZINC EXTRACTABLE BY AMMONIUM ACETATE BUFFER SOLUTION, PH = 4.8)</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : FEB1985</p> <p><u>Last Amendment</u> : PDKCP*,3210-85,,1985 <u>Entry / Update</u> : OCT1985</p>

Common Name : **Zinc**

RTECS Number : **ZG8600000**

CAS Number : **7440-66-6**

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 40-200 MG/KG; MEAT PRODUCTS: 5-200 MG/KG; MILK PRODUCTS: 5-50 MG/KG; CEREALS: 3-130 MG/KG; VEGETABLES, FRUITS: 5-20 MG/KG; BEVERAGES: 5- 10 MG/KG; CHILDREN FOOD: 5-50 MG/KG; (APPLIES TO ZINC AND ITS COMPOUNDS, CALCULATED AS ZINC). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKMP*,4089-86,,,1986	<u>Effective Date :</u> APR1986 <u>Entry / Update :</u> JUL1990
RUS	REG	AQ	SURF	MAC CLASS	1.0 MG/L (APPLIES TO ZINC AND ITS INORGANIC COMPOUNDS CALCULATED AS ZINC) 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	DRINK	MAC	5.0 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	AQ	SURF	MAC	SURFACE WATER FOR FISHING: 0.01 MG/L; SEA WATER: 0.05 MG/L (APPLIES TO INORGANIC ZINC COMPOUNDS. CALCULATED AS ZINC) <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,1978	<u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	FOOD	-	MPC	LIMITS FOR FOLLOWING FOOD PRODUCTS: FISH PRODUCTS: 40-200 MG/KG; MEAT PRODUCTS: 5-200 MG/KG;MILK PRODUCTS: 5-50 MG/KG; CEREALS: 3-130 MG/KG;VEGETABLES, FRUITS: 5-20 MG/KG; BEVERAGES: 5- 10 MG/KG; CHILDREN FOOD: 5-50 MG/KG; (APPLIES TO ZINC AND ITS COMPOUNDS, CALCULATED AS ZINC). <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> VGNEP*,2450-81,,,1982	<u>Effective Date :</u> OCT1981 <u>Entry / Update :</u> OCT1985
UN	REC	TRNSP LABEL PACK	-	CLASS	HAZARD CLASS: 4.3 = INFLAMMABLE SOLID, PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO ZINC ASHES) UN NO.1435. <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 FLAMMABLE GASES. (SUBSIDIARY RISK: 4.2 = SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION. (APPLIES TO ZINC POWDER AND DUST) UN NO.1436. <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> UNTDG*,,,15,1989	<u>Effective Date :</u> <u>Entry / Update :</u> SEP1982
UN	REG	WASTE EXPRT IMPRT		RSTR RQR RQR	WASTES HAVING AS CONSTITUENTS ZINC 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

Common Name : Zinc

RTECS Number : ZG8600000

CAS Number : 7440-66-6

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 /ZINC OXIDE FUME/ TIME WEIGHTED AVG (TWA) 10 MG/M3; THE VALUE IS FOR TOTAL DUST CONTAINING NO ASBESTOS & <1% FREE SILICA. /ZINC OXIDE 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.</p> <p><u>Title</u> : THRESHOLD LIMIT VALUES</p> <p><u>Reference</u> : ACGIH*,11,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : ACGIH*,11,1991 <u>Entry / Update</u> : DEC1991</p>
USA	REG	AIR	EMI	RQR	<p>FROM A LIST OF POLLUTANTS JUDGED TO BE HAZARDOUS FOR WHICH EMISSION STANDARDS WILL BE DEVELOPED</p> <p><u>Title</u> : CLEAN AIR ACT, 112--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS</p> <p><u>Reference</u> : FEREAC,50,,46290,1985 <u>Effective Date</u> : 1985</p> <p><u>Last Amendment</u> : CFRUS*,40,61,1,1990 <u>Entry / Update</u> : SEP1991</p>
USA	REG	FOOD STORE MANUF PACK	ADDIT	RSTR RSTR RSTR	<p>AS PARTICULATE METAL THIS SUBSTANCE IS INCLUDED ON A LIST OF SUBSTANCES WHICH HAVE BEEN CONDITIONALLY APPROVED AS OPTIONAL FOR ZINC-SILICON MATRIX COATINGS USED AS FOOD CONTACT SURFACES FOR BULK REUSABLE CONTAINERS USED FOR STORING, HANDLING AND TRANSPORTING FOOD WITH THE SH OWN LIMITATIONS.</p> <p><u>Title</u> : INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS--ZINC-SILICON DIOXIDE MATRIX COATINGS</p> <p><u>Reference</u> : FEREAC,42,,14534,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,175,390,1988 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ	CONSM	MPC	<p>5.0 MG/LBOTTLED WATER SHALL, WHEN A COMPOSITE OF ANALYTICAL UNITS OF EQUAL VOLUME FROM A SAMPLE IS EXAMINED BY THE METHODS DESCRIBED IN 21 CFR 103.35(D) (I) (II), MEET STANDARDS OF CHEMICAL QUALITY AND SHALL NOT CONTAIN CHEMICAL SUBSTANCES IN EXCESS OF THE FOLLOWING CONCENTRATIONS.</p> <p><u>Title</u> : FEDERAL FOOD, DRUG AND COSMETIC ACT, SECTION 103.35; QUALITY STANDARDS FOR FOODS WITH NO IDENTITY STANDARDS: BOTTLED WATER</p> <p><u>Reference</u> : FEREAC,42,,14325,1977 <u>Effective Date</u> : 1977</p> <p><u>Last Amendment</u> : CFRUS*,21,103,35,1989 <u>Entry / Update</u> : NOV1991</p>
USA	REG	AQ	DRINK	CLASS	<p>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). (APPLIES ALSO TO ITS COMPOUNDS)</p> <p><u>Title</u> : SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III, EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES</p> <p><u>Reference</u> : CFRUS*,40,372,65,1988 <u>Effective Date</u> : 1987</p> <p><u>Last Amendment</u> : CFRUS*,40,372,65,1988 <u>Entry / Update</u> : OCT1991</p>
USA	REG	AQ	-	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>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 (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>

Common Name : **Zinc**RTECS Number : **ZG8600000**CAS Number : **7440-66-6**Area Type Subject Spec. Description Level / Summary Information :

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 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. (CALCULATED AS TOTAL ZINC)

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

Reference : FEREAC, 52,, 25947, 1987

Effective Date : 1987

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

Entry / Update : SEP1991

Common Name : Zinc Chloride

RTECS Number : ZH1400000

CAS Number : 7646-85-7

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	AIR	OCC	MPC	<p>8H-TWA: 1 MG/M3; 15 MIN - STEL: 2 MG/M3 (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES). (APPLIES TO FUMES).</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>SOLUTION. PIN (PRODUCT IDENTIFICATION NO.): UN1840. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO 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: 5 L. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 60 L. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>ANHYDROUS. PIN (PRODUCT IDENTIFICATION NO.): UN2331. CLASS (8): CORROSIVE; CLASS (9.2): HAZARD TO 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: 25 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 100 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title</u> :</p> <p><u>Reference</u> : CAGAAK,124,26,5523,1990 <u>Effective Date</u> : 06DEC1990</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : OCT1991</p>
CAN	REG	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 ZINC CHLORIDE, 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>
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 : Zinc Chloride

RTECS Number : ZH1400000

CAS Number : 7646-85-7

Area Type Subject Spec. Description Level / Summary Information :

CAN	REG	AIR	OCC	TLV	FUME - TWA: 1 MG/M3; STEL: 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> AUG1991
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 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: C - CORROSIVE; CAUSES BURNS (R 34). LABEL: C - CORROSIVE; CAUSES BURNS (R 34); KEEP CONTAINER TIGHTLY CLOSED AND DRY (S 7/8); AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF ... (TO BE SPECIFIED BY THE MANUFACTURER) (S 28). <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	SH-TWA: 1 MG/M3 (FUME); STEL (10 MIN-TWA): 2 MG/M3 (FUME) <u>Title :</u> EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference :</u> GBRSI*,1657,,10,1988 <u>Effective Date :</u> 01JAN1992 <u>Last Amendment :</u> GNHSE*,EH40,,11,1992 <u>Entry / Update :</u> 1992
GBR	REG	TRNSP LABEL		CLASS RQR	LABELLING OF ROAD TANKERS : CORROSIVE SUBSTANCE. EMERGENCY ACTION CODE : 2R (APPLIES TO SOLUTIONS) <u>Title :</u> HAZARDOUS SUBSTANCES (LABELLING OF ROAD TANKERS) REGULATIONS 1978 <u>Reference :</u> GBRSI*,1702,,1978 <u>Effective Date :</u> 28MCH1979 <u>Last Amendment :</u> <u>Entry / Update :</u> JAN1983
IMO	REC	TRNSP LABEL PACK	MARIN	CLASS	HAZARD CLASS: 8 = CORROSIVE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO ZINC CHLORIDE SOLUTION AND ZINC CHLORIDE, ANHYDROUS). UN NO. 2331 & 1840. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> IMCOC*,,,10004,1990 <u>Entry / Update :</u> JAN1991

Common Name : Zinc Chloride

RTECS Number : ZH1400000

CAS Number : 7646-85-7

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 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>
SWE	REG	AIR	OCC	HLV	<p>1D-TWA: 1 MG/M3 OF RESPIRABLE DUST.</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: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO ZINC CHLORIDE SOLUTION AND ZINC CHLORIDE, ANHYDROUS). UN NO. 2331 & 1840.</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: 8 = CORROSIVE. PACKING GROUP: III = SUBSTANCE PRESENTING MINOR DANGER. (APPLIES TO ANHYDROUS ZINC CHLORIDE). UN NO.2331.</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>4800 MG/M3 /ZINC CHLORIDE FUME/</p> <p><u>Title :</u> POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference :</u> XPHPAW,90,117,226,1990 <u>Effective Date :</u> JUN1990</p> <p><u>Last Amendment :</u> XPHPAW,90,117,226,1990 <u>Entry / Update :</u> OCT1991</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 1 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 2 MG/M3 /FUME/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,,,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,,,11,1991 <u>Entry / Update :</u> DEC1991</p>
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	<p>1000 (454) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE</p> <p><u>Title :</u> CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES</p> <p><u>Reference :</u> CFRUS*,40,302,4,1990 <u>Effective Date :</u> 1990</p> <p><u>Last Amendment :</u> CFRUS*,40,302,4,1990 <u>Entry / Update :</u> SEP1991</p>
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	<p>1000 (454) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES.</p> <p><u>Title :</u> REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311</p> <p><u>Reference :</u> FEREC,51,,34547,1986 <u>Effective Date :</u> 1986</p> <p><u>Last Amendment :</u> CFRUS*,40,117,3,1991 <u>Entry / Update :</u> SEP1991</p>

Common Name : Zinc Chloride

RTECS Number : ZH1400000

CAS Number : 7646-85-7

Area Type Subject Spec. Description Level / Summary Information :

USA	REG	CLASS MANUF FOOD	PESTI PESTI ADDIT	RQR PRMT RQR	CASE NAME ZINC SALTSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984. FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. <u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED; LIST D <u>Reference</u> : FEREAC,54,204,43388,1989 <u>Effective Date</u> : 1989 <u>Last Amendment</u> : FEREAC,54,204,43388,1989 <u>Entry / Update</u> : JAN1992
USA	REG	TRNSP PACK LABEL	-	PRMT CNTRL RQR	MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 1 QUART/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. ALL SHIPMENTS MUST B E LABELED CORROSIVE.; SUMMARY - THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERJALS 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 : Zinc Cyanide

TECS Number : ZH1575000

CAS Number : 557-21-1

Area Type Subject Spec. Description Level / Summary Information :

Area	Type	Subject	Spec.	Description	Level / Summary Information
AN	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>
AN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1713. CLASS (6.1): POISONOUS; CLASS (9.2): HAZARDOUS TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 102, 109, 118. PACKING GROUP I, (I=GREAT DANGER, III=MINOR DANGER). MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A PASSENGER AIRCRAFT OR VEHICLE: 5 KG. MAXIMUM AMOUNT PER PACKAGE THAT MAY BE TRANSPORTED ON A CARGO AIRCRAFT: 50 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS, UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</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>
SK	REG	CLASS	-	CLASS	<p>THIS SUBSTANCE IS CLASSIFIED AS DANGEROUS POISON. (APPLIES TO ALL METAL CYANIDES)</p> <p><u>Title :</u> GOVERNMENT PROVISION NO. 192 ON POISONS AND ANOTHER SUBSTANCES HARMFUL TO HUMAN HEALTH</p> <p><u>Reference :</u> SZCSR*,42,1217,1988 <u>Effective Date :</u> MAY1990</p> <p><u>Last Amendment :</u> SZCSR*,33,762,1990 <u>Entry / Update :</u> DEC1991</p>
EU	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>
IO	REC	TRNSP LABEL PACK	MARIN	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1713</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> IMCOC*,1,10004,1990 <u>Entry / Update :</u> JAN1991</p>
VI	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 6.1 = POISONOUS SUBSTANCE. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER-III=MINOR DANGER). UN NO. 1713</p> <p><u>Title :</u></p> <p><u>Reference :</u> <u>Effective Date :</u></p> <p><u>Last Amendment :</u> UNTDG*,1,15,1989 <u>Entry / Update :</u> AUG1990</p>
IA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 MG/M3, SKIN /CYANIDES, AS CN, POTASSIUM & SODIUM SALTS/THIS THRESHOLD LIMIT VALUE IS INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS A GUIDELINE OR RECOMMENDATION IN THE CONTROL OF POTENTIAL HEALTH HAZARDS.</p> <p><u>Title :</u> THRESHOLD LIMIT VALUES</p> <p><u>Reference :</u> ACGIH*,1,11,1989 <u>Effective Date :</u> 1989</p> <p><u>Last Amendment :</u> ACGIH*,1,11,1991 <u>Entry / Update :</u> DEC1991</p>

Common Name : Zinc Cyanide

RTECS Number : ZH1575000

CAS Number : 557-21-1

Area Type Subject Spec. Description Level / Summary Information :

USA	REC	SAFTY USE	OCC OCC	MXL MXL	50 MG/M3 /CYANIDES, AS CN, POTASSIUM AND SODIUM SALTS/
					<p><u>Title</u> : POCKET GUIDE TO CHEMICAL HAZARDS</p> <p><u>Reference</u> : XPHPAW,90,117,76,1990 <u>Effective Date</u> : JUN1990</p> <p><u>Last Amendment</u> : XPHPAW,90,117,76,1990 <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>MAY BE TRANSPORTED IN PASSENGER AIRCRAFT AND PASSENGER RAILCAR NOT TO EXCEED 25 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AIRCRAFT NOT TO EXCEED 200 POUNDS/PACKAGE. MAY BE TRANSPORTED IN CARGO AND PASSENGER VESSELS ON AND BELOW DECK. VESSEL SHIPMENTS MUST BE STOWED AWAY FROM ACIDS. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS.</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>

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ORG	REG	AIR	OCC	MPC	<p>8H-TWA: 5 MG/M3 (APPLIES TO FUME) AND 10 MG/M3 (APPLIES TO DUST WITHOUT ASBESTOS AND WITH A SILICA CONTENT <1%); 15 MIN - STEL: 10 MG/M3 (APPLIES TO FUME) (MAXIMUM 4 TIMES/DAY WITH INTERVALS OF AT LEAST 60 MINUTES).</p> <p><u>Title :</u> LIMIT VALUES FOR CHEMICAL SUBSTANCES IN THE WORKING ENVIRONMENT- RESOLUTION NO. 444/1991 OF THE MINISTRY OF WORK AND SOCIAL SECURITY (AMENDING REGULATION DECREE NO. 351/1979 UNDER LAW NO. 19587/1972: HYGIENE AND SAFETY AT WORK)</p> <p><u>Reference :</u> ARGOB*,24170,1,1,1979 <u>Effective Date :</u> 29MAY1991</p> <p><u>Last Amendment :</u> ARGOB*,27145,1,4,1991 <u>Entry / Update :</u> OCT1991</p>
CAN	REG	AIR	OCC	TLV	<p>FUME - TWA: 5 MG/M3; STEL: 10 MG/M3. DUST - NUISANCE PARTICULATE - TWA: 10 MG/M3 TOTALDUST OR 5 MG/M3 RESPIRABLE DUST. 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>
SK	REG	GOODS	-	RSTR MXL	<p>MAXIMUM LIMITS IN COSMETICS: 150-300 MG/G</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>
SK	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>
SK	REG	AIR	OCC	MAC	<p>TWA: 5.0 MG/M3; CLV: 15.0 MG/M3 (CALCULATED AS ZN)</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>
SK	REG	FOOD GOODS	-	PRMT MXL	<p>COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. MAXIMUM LIMIT FOR THE FINAL PRODUCTS: 20 MG/G (CALCULATED AS ZN).</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>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD GOODS	-	PRMT MXL	COMPONENT OF PLASTIC PRODUCTS PERMITTED FOR CONTACT WITH FOOD. MAXIMUM LIMIT FOR THE PLASTIC MATERIALS: 3.0 MG/G <u>Title</u> : DIRECTIVE NO.49 ON HYGIENIC REQUIREMENTS ON PLASTICS AND PLASTIC GOODS COMING IN CONTACT WITH FOODSTUFFS <u>Reference</u> : HPMZC*,42,,,1978 <u>Effective Date</u> : 1JUL1978 <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
DEU	REC	AIR	OCC	MAK	8H-TWA: 5 MG/M3. CALCULATED AS FINE 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. APPLIES TO ZINC OXIDE FUME. FINE DUST IS DEFINED AS THE DUST WHICH CAN REACH THE ALVEOLAR REGION OF THE LUNGS. <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
EEC	REG	FEED	ADDIT	PRMT	ZINC MAY BE ADDED AS A TRACE ELEMENT IN THE FORMS OF ZINC LACTATE TRIHYDRATE, ZINC ACETATE DIHYDRATE, ZINC CARBONATE, ZINC CHLORIDE MONOHYDRATE, ZINC OXIDE, ZINC SULFATE HEPTAHYDRATE AND ZINC SULFATE MONOHYDRATE (EEC NO. E6) TO FEEDINGSTUFFS UNDER THE PROVISIONS LAID DOWN AND ACCORDING TO THE REQUIREMENTS SET OUT IN THE ANNEXES TO THE SAME DIRECTIVE. 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
GBR	REG	USE	PESTI	PRMT	APPROVED FOR AERIAL APPLICATION. SPECIFIED USES ARE LISTED. (APPLIES TO ZINC OXIDE WITH MANEB) <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: 5 MG/M3 (FUME). STEL (10 MIN-TWA): 10 MG/M3 (FUME). <u>Title</u> : EH40 OCCUPATIONAL EXPOSURE LIMITS FOR USE WITH THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS <u>Reference</u> : GBRSI*,1657,,10,1988 <u>Effective Date</u> : 01JAN1992 <u>Last Amendment</u> : GNHSE*,EH40,,11,1992 <u>Entry / Update</u> : 1992
JPN	REC	AIR	OCC	MAC	TWA: 1.0 MG/M3 OF INHALABLE DUST TWA: 4 MG/M3 OF TOTAL DUST <u>Title</u> : MAXIMUM ALLOWABLE CONCENTRATIONS RECOMMENDED BY THE JAPANESE ASSOCIATION OF INDUSTRIAL HEALTH. <u>Reference</u> : SAIGBL,33,4,277-287,1991 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : DEC1991
JPN	REC	AIR	OCC	MAC	TWA: 5 MG/M3 (FUME). <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 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. (APPLIES TO ZINC OXIDE FUMES). <u>Title</u> : INSTRUCTION NO.10 RELATED TO SECURITY AND HYGIENIC CONDITIONS AT WORKPLACES. (INSTRUCTIVO NO. 10, RELATIVO A LAS CONDICIONES DE SEGURIDAD E HIGIENE DE LOS CENTROS DE TRABAJO). <u>Reference</u> : DOMEX*,,,1984 <u>Effective Date</u> : 28MAY1984 <u>Last Amendment</u> : DOMEX*,,,1989 <u>Entry / Update</u> : DEC1991

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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 OF ZINC OXIDE DUST MUST BE OBSERVED. THERE SHOULD BE NO TOXIC IMPURITIES PRESENT.</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>0.05 MG/M3 AV/D (CALCULATED AS ZINC).</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: 0.5 MG/M3 (AEROSOL) HAZARD CLASS: II</p> <p><u>Title</u> :</p> <p><u>Reference</u> : <u>Effective Date</u> : 01JAN1989</p> <p><u>Last Amendment</u> : GOSTS*,12.1.005,,,1988 <u>Entry / Update</u> : MAY1990</p>
SWE	REG	AIR	OCC	HLV	<p>ID-TWA: 5 MG/M3</p> <p><u>Title</u> : HYGIENIC LIMIT VALUES.</p> <p><u>Reference</u> : AFS**,1990:13,,5-64,1990 <u>Effective Date</u> : 01JUL1991</p> <p><u>Last Amendment</u> : <u>Entry / Update</u> : 1992</p>
USA	REC	AIR	OCC	TLV	<p>TIME WEIGHTED AVG (TWA) 5 MG/M3; SHORT TERM EXPOSURE LIMIT (STEL) 10 MG/M3 /FUME/; TIME WEIGHTED AVG (TWA) 10 MG/M3, THE VALUE IS FOR TOTAL DUST CONTAINING NO ASBESTOS & LESS THAN 1% FREE SILICA. /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.</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 ZINC SALTSTHIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS.</p> <p><u>Title</u> : FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT PESTICIDES REQUIRED TO BE REREGISTERED: LIST D</p> <p><u>Reference</u> : FEREAC.54,204,43388,1989 <u>Effective Date</u> : 1989</p> <p><u>Last Amendment</u> : FEREAC.54,204,43388,1989 <u>Entry / Update</u> : JAN1992</p>

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Area	Type	Subject	Spec.	Description	Level / Summary Information :
CAN	REG	TRNSP LABEL PACK	-	CLASS RQR	<p>PIN (PRODUCT IDENTIFICATION NO.): UN1714. CLASS (4.3): DANGEROUS WHEN WET; CLASS (6.1): POISONOUS; CLASS (9.2): HAZARD TO ENVIRONMENT. SPECIAL PROVISIONS: 46, 99, 102, 109, 112, 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: 15 KG. PRESCRIBED BY THE TRANSPORTATION OF DANGEROUS GOODS REGULATIONS. UNDER THE TRANSPORTATION OF DANGEROUS GOODS ACT (ADMINISTERED BY THE DEPARTMENT OF TRANSPORT). THE ACT AND REGULATIONS ARE INTENDED TO PROMOTE SAFETY IN THE TRANSPORTATION OF DANGEROUS GOODS IN CANADA, AS WELL AS PROVIDE ONE COMPREHENSIVE SET OF RULES APPLICABLE TO ALL MODES OF TRANSPORT ACCROSS CANADA. THESE ARE BASED ON UNITED NATIONS RECOMMENDATIONS. THE ACT AND REGULATIONS SHOULD BE CONSULTED FOR DETAILS. RECORDS ARE ENTERED UNDER THE PROPER SHIPPING NAME FOUND IN THE REGULATIONS; THIS MAY INCLUDE VERY GENERAL GROUPS OF CHEMICAL SUBSTANCES.</p> <p><u>Title :</u></p> <p><u>Reference :</u> CAGAAK,124,26,5523,1990 <u>Effective Date :</u> 06DEC1990</p> <p><u>Last Amendment :</u> <u>Entry / Update :</u> OCT1991</p>
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	<p>FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL, MANUFACTURING, RESTRICTED USE AS RODENTICIDE. (FORMULATION: PELLET; DUST OR POWDER; PARTICULATE). CODE ZNP. 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>
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 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>

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DEU	REG	USE IMPR	PESTI	RSTR RSTR	<p>APPLICATION ONLY ADMISSABLE IN BAITS; OUTSIDE FORESTS ONLY IN BAITS PUT UNDER COVER. THE SUBSTANCE MAY NOT BE USED IN NATURAL PRESERVES, NATIONAL PARKS, NATURAL MONUMENTS AND OTHER PROTECTED AREAS UNLESS THE USE IS EXPLICITLY PERMITTED. SEEDLINGS, PLANTING MATERIAL OR CULTURE SUBSTRATUM CONTAINING THE SUBSTANCE MAY NOT BE IMPORTED.</p> <p><u>Title</u> : ORDINANCE ON THE USE FOR PLANT PROTECTION (PFLANZENSCHUTZ-ANWENDUNGSVERORDNUNG)</p> <p><u>Reference</u> : BGZBAD,,I,1196,1988 <u>Effective Date</u> : 29MCH1991</p> <p><u>Last Amendment</u> : BGZBAD,,I,796,1991 <u>Entry / Update</u> : DEC1991</p>
DEU	REG	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>
EEC	REG	CLASS PACK LABEL SALE	PESTI	CLASS RQR RQR RSTR	<p>PESTICIDE PREPARATIONS WHICH CONTAIN ZINC PHOSPHIDE ARE CLASSIFIED INTO CLASS IA, I.E. WHEN SOLID, LIQUID OR GASEOUS AS TOXIC AT CONCS. >1% AND AS HARMFUL AT >0.05-1%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN.</p> <p><u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC).</p> <p><u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> :</p> <p><u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986</p>
EEC	REG	CLASS LABEL PACK	-	CLASS RQR RQR	<p>CLASS: F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES TOXIC, HIGHLY FLAMMABLE GAS (R 15/29). T+ - VERY TOXIC; VERY TOXIC IF SWALLOWED (R 28). CONTACT WITH ACIDS LIBERATES VERY TOXIC GAS (R 32). LABEL: T+ - VERY TOXIC; F - HIGHLY FLAMMABLE; CONTACT WITH WATER LIBERATES TOXIC, HIGHLY FLAMMABLE GAS (R 15/29); VERY TOXIC IF SWALLOWED (R 28); CONTACT WITH ACIDS LIBERATES VERY TOXIC GAS (R 32); KEEP IN COOL, WELL-VENTILATED PLACE AWAY FROM...(INCOMPATIBLE MATERIALS TO BE INDICATED BY THE MANUFACTURER (S 3/9/14); NEVER ADD WATER TO THIS PRODUCT (S 30); 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	SALE		RSTR	<p>THE FORM TO WHICH THE POISON IS RESTRICTED WHEN SOLD BY LISTED SELLERS IS PREPARATIONS FOR THE DESTRUCTION OF RATS OR MICE (GBRSI* 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> : GBRSI*,1077,,1,1985 <u>Entry / Update</u> : FEB1986</p>

Common Name : Zinc Phosphide

RTECS Number : ZH4900000

CAS Number : 1314-84-7

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 ZINC PHOSPHIDE EXCEPT ARTICLES CONTAINING ZINC PHOSPHIDE WHEN PREPARED FOR THE DESTRUCTION OF RATS OR MICE) (GBRSI* 218.1,1,1982 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	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>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: 4.3 = SUBSTANCE, WHICH IN CONTACT WITH WATER, EMITS FLAMMABLE GASES. PACKING GROUP: I = GREAT DANGER (I=GREAT DANGER - III=MINOR DANGER). SUBSIDIARY RISK LABEL: POISON. UN NO. 1714</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> IMCOC*,,,10004,1990</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> JAN1991</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></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	USE	AGRIC	PRMT	<p>SUBSTANCE IS APPROVED AS RODENTICIDE. 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	OCC	MAC CLASS	<p>CLV: 0.1 MG/M3; (AEROSOL) HAZ. 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> 1JAN1989</p> <p><u>Entry / Update :</u> MAY1990</p>
UN	REC	TRNSP LABEL PACK	-	CLASS	<p>HAZARD CLASS: 4.3 = INFLAMMABLE SOLID. (SUBSIDIARY RISK: 6.1 = POISONOUS SUBSTANCE). PACKING GROUP: I = VERY DANGEROUS SUBSTANCE. UN NO.1714.</p> <p><u>Title :</u></p> <p><u>Reference :</u></p> <p><u>Last Amendment :</u> UNTDG*,,,15,1989</p> <p><u>Effective Date :</u></p> <p><u>Entry / Update :</u> SEP1982</p>
USA	REG	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL FORMULATIONS WITH ZINC PHOSPHIDE OF 2% AND LESS ARE UNCLASSIFIED FOR ALL DOMESTIC USES AND NONDOMESTIC USES IN AND AROUND BUILDINGS. ALL DRY FORMULATIONS WITH ZINC PHOSPHIDE OF 60% AND GREATER ARE RESTRICTED FOR ALL USES. ALL BAIT FORMULATIONS WITH ZINC PHOSPHIDE ARE RESTRICTED FOR NON-DOMESTIC OUTDOOR USES (OTHER THAN AROUND BUILDINGS). ALL DRY FORMULATIONS WITH ZINC PHOSPHIDE OF 10% AND GREATER ARE RESTRICTED FOR DOMESTIC 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</p> <p><u>Last Amendment :</u> FEREAC,43,5790,1978</p> <p><u>Effective Date :</u> 1978</p> <p><u>Entry / Update :</u> JAN1992</p>

Common Name : Zinc Phosphide

RTECS Number : ZH4900000

CAS Number : 1314-84-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>WHEN PRESENT AT CONCENTRATIONS OF 10 PERCENT OR LESS 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	WASTE STORE TRNSP	INDST - REMOV	CLASS RQR RQR	<p>ACUTE HAZARDOUS WASTES (H). WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10 PERCENT 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	USE SAFTY	PESTI PESTI	RSTR CNTRL	<p>ALL FORMULATIONS WITH ZINC PHOSPHIDE OF 2% AND LESS ARE UNCLASSIFIED FOR ALL DOMESTIC USES AND NONDOMESTIC USES IN AND AROUND BUILDINGS. ALL DRY FORMULATIONS WITH ZINC PHOSPHIDE OF 60% AND GREATER ARE RESTRICTED FOR ALL USES. ALL BAIT FORMULATIONS WITH ZINC PHOSPHIDE ARE RESTRICTED FOR NON-DOMESTIC OUTDOOR USES (OTHER THAN AROUND BUILDINGS). ALL DRY FORMULATIONS WITH ZINC PHOSPHIDE OF 10% AND GREATER ARE RESTRICTED FOR DOMESTIC 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	CLASS MANUF	-	RQR PRMT	<p>REGISTRATION STANDARD, ZINC PHOSPHIDE, 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 : Zinc Phosphide

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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 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 ACIDS AND OXIDIZERS. ALL SHIPMENTS MUST BE LABELED POISON. THIS REGULATION LISTS AND CLASSIFIES THOSE MATERIALS WHICH THE DEPARTMENT OF TRANSPORTATION HAS DESIGNATED AS HAZARDOUS MATERIALS FOR SHIPPING PAPERS, PACKAGE MARKING, LABELING, AND TRANSPORT VEHICLE PLACARDING APPLICABLE TO THE SHIPMENT AND TRANSPORT OF THOSE HAZARDOUS MATERIALS. <u>Title</u> : HAZARDOUS MATERIALS REGULATIONS, PART 172--HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS <u>Reference</u> : CFRUS*,49,172,101,1984 <u>Effective Date</u> : OCT1991 <u>Last Amendment</u> : CFRUS*,49,172,101,1990 <u>Entry / Update</u> : NOV1991
USA	REG	CLASS AIR AQ	INDST EMI EMI	RQR RQR RQR	100 (45.4) RELEASES OF THIS HAZARDOUS SUBSTANCE, IN QUANTITIES EQUAL TO OR GREATER THAN ITS REPORTABLE QUANTITY (RQ), REPORTED AS [LBS (KG)], ARE SUBJECT TO REPORTING TO THE NATIONAL RESPONSE CENTER UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT. (#)- RQ IS SUBJECT TO CHANGE <u>Title</u> : CERCLA: LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES <u>Reference</u> : CFRUS*,40,302,4,1990 <u>Effective Date</u> : 1990 <u>Last Amendment</u> : CFRUS*,40,302,4,1990 <u>Entry / Update</u> : SEP1991
USA	REG	AQ AQ AQ	EMI GRND MARIN	RQR RQR RQR	100 (45.4) LBS (KG) FOR PURPOSES OF SECTION 311 OF THE CLEAN WATER ACT THE FOLLOWING HAZARDOUS SUBSTANCES IN QUANTITIES GIVEN SHALL NOT BE DISCHARGED INTO OR UPON THE NAVIGABLE WATERS OF THE UNITED STATES OR ADJOINING SHORELINES, WATERS OF THE CONTIGUOUS ZONE, OR OUTER DEEP WATERS WHICH MAY AFFECT NATURAL RESOURCES BELONGING TO THE UNITED STATES. <u>Title</u> : REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES; CLEAN WATER ACT, SECTION 311 <u>Reference</u> : FEREAC,51,,34547,1986 <u>Effective Date</u> : 1986 <u>Last Amendment</u> : CFRUS*,40,117,3,1991 <u>Entry / Update</u> : SEP1991

Common Name : Zineb

RTECS Number : ZH3325000

CAS Number : 12122-67-7

Area Type Subject Spec. Description Level / Summary Information :

ARG	REG	FOOD	-	MXL	APPLES AND PEARS 1 MG/KG (WITH MANEB)				
					<u>Title :</u>				
					<u>Reference :</u>			<u>Effective Date :</u>	17NOV1978
					<u>Last Amendment :</u>	ARESA*,786,,1978		<u>Entry / Update :</u>	1982
ARG	REG	FOOD	-	MXL	PLANT 1.0-7.0 MG/KG; BEET LEAF 25 MG/KG; HOPS 60 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: 0.05-7 MG/KG; 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 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 AS FUNGICIDE (AGRICULTURAL). (FORMULATION: WETTABLE POWDER; DUST OR POWDER). APPLIES TO ZINC ETHYLENEBIS (DITHIOCARBAMATE) OF UNCERTAIN COMPOSITION. POLYMERIC. CODE ZIN. 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

Common Name : Zineb

RTECS Number : ZH3325000

CAS Number : 12122-67-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
GBR	REG	USE	PESTI	PRMT	APPROVED AS A FUNGICIDE. SPECIFIC USES, LIMITATIONS AND SAFETY PRECAUTIONS ARE LISTED <u>Title :</u> APPROVED PRODUCTS FOR FARMERS AND GROWERS 1983 <u>Reference :</u> APFG**,,89,1983 <u>Effective Date :</u> <u>Last Amendment :</u> <u>Entry / Update :</u> 1983
GBR	REG	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
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 1.0-60.0 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 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	AIR	AMBI	MAC	0.01 MG/M3, 1X/D; 0.006 MG/M3, AV/D (CALCULATED VALUES) <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> PDKTV*,,,1978 <u>Entry / Update :</u> JUN1982
RUS	REG	AQ	SURF	MAC CLASS	0.3 MG/L HAZARD CLASS: III <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1989 <u>Last Amendment :</u> SPNPV*,4630-88,,1988 <u>Entry / Update :</u> JUL1990
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 = 0.02 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 (AEROSOL) HAZARD CLASS: II <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 01JAN1989 <u>Last Amendment :</u> GOSTS*,12.1.005,,1988 <u>Entry / Update :</u> MAY1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED AS FUNGICIDE FOR AGRICULTURAL USE. APPLICATION DOSE, MODE AND TREATMENT FREQUENCY IS SPECIFIED. (APPLIES ALSO TO A MIXTURE WITH ZINC N-METHYLBENZIMIDAZOLYL CARBAMATE). <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	1.8 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: 0.0004 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 : Zineb

RTECS Number : ZH3325000

CAS Number : 12122-67-7

Area	Type	Subject	Spec.	Description	Level / Summary Information :
RUS	REG	USE	AGRIC	RSTR	SEVERELY RESTRICTED FOR USE AS A PESTICIDE: PROHIBITED FOR USE ON GREEN VETCH AND ON COVERED GROUND. REASONS FOR THE CONTROL ACTION: CARCINOGENIC. MUTAGENIC. EMBRYOTOXIC. GONADOTOXIC. CARCINOGEN METABOLITES (ETHYLENE THIOUREA & ETHYLENE THIURAMMONIUM SULFIDE). <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> <u>Last Amendment :</u> OSUMH*,123-5/649-23,,03MAY,1984 <u>Entry / Update :</u> AUG1988
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 = 0.02 MG/KG BW. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> JAN1988 <u>Last Amendment :</u> MDUPP*,4540-87,,,1987 <u>Entry / Update :</u> JUL1990
RUS	REG	USE	AGRIC	PRMT	SUBSTANCE IS APPROVED FOR SEED TREATMENT. APPLICATION DOSE AND TREATMENT CONDITIONS ARE SPECIFIED. <u>Title :</u> <u>Reference :</u> <u>Effective Date :</u> 1JAN1986 <u>Last Amendment :</u> SCHSB*,1986-90,,,1987 <u>Entry / Update :</u> NOV1987
SWE	REG	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	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME ZINEB 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. 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> FERECAC,54,100,22706,1989 <u>Effective Date :</u> 1988 <u>Last Amendment :</u> FERECAC,54,100,22706,1989 <u>Entry / Update :</u> JAN1992
USA	REG	AIR SOIL AQ MANUF	EMI EMI EMI EMI	RQR RQR RQR RQR	FACILITIES THAT EXCEEDED A MANUFACTURING, IMPORTATION, OR PROCESSING THRESHOLD OF 25,000 LBS OR THE USE OF 10,000 LBS FOR THIS CHEMICAL MUST REPORT TO EPA ANY RELEASES OF THE CHEMICAL (OR CATEGORY CHEMICAL) TO AIR, LAND, WATER, POTW, UNDERGROUND INJECTION, OR OFF SITE TRANSFER. THIS REGULATION COVERS STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES 20-39 ONLY). <u>Title :</u> SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, TITLE III. EPCRA SECTION 313 LIST OF TOXIC SUBSTANCES <u>Reference :</u> CFRUS*,40,372,65,1988 <u>Effective Date :</u> 1987 <u>Last Amendment :</u> CFRUS*,40,372,65,1988 <u>Entry / Update :</u> OCT1991

Common Name : **Ziram**RTECS Number : **ZH0525000**CAS Number : **137-30-4**

Area	Type	Subject	Spec.	Description	Level / Summary Information :
ARG	REG	FOOD	-	MXL	PLANT 0.75-7.0 MG/KG; DRIED FRUIT 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	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> 11NOV1978 <u>Entry / Update :</u> 1982
BRA	REG	FOOD USE USE CLASS	- AGRIC CONSM	AL PRMT PRO CLASS	SPECIFIED PLANT PRODUCTS: 0.1-7 MG/KG (RESIDUES DETERMINED AND EXPRESSED AS CS2); 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*,,,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 = 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 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	USE STORE LABEL	OCC	RQR	INGREDIENT DISCLOSURE LIST CONCENTRATION 1% WEIGHT/WEIGHT. THE WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) IS A NATIONAL SYSTEM TO PROVIDE INFORMATION ON HAZARDOUS MATERIALS USED IN THE WORKPLACE. WHMIS IS IMPLEMENTED BY THE HAZARDOUS PRODUCTS ACT AND THE CONTROLLED PRODUCTS REGULATIONS (ADMINISTERED BY THE DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS). THE REGULATIONS IMPOSE STANDARDS ON EMPLOYERS FOR THE USE, STORAGE AND HANDLING OF CONTROLLED PRODUCTS AND ADDRESS LABELLING AND IDENTIFICATION, EMPLOYEE INSTRUCTION AND TRAINING, AS WELL AS THE UPKEEP OF A MATERIALS SAFETY DATA SHEET (MSDS). THE PRESENCE IN A CONTROLLED PRODUCT OF AN INGREDIENT IN A CONCENTRATION EQUAL TO OR GREATER THAN SPECIFIED IN THE INGREDIENT DISCLOSURE LIST MUST BE DISCLOSED IN THE SAFETY DATA SHEET. <u>Title :</u> <u>Reference :</u> CAGAAK,122,2,551,1988 <u>Last Amendment :</u> <u>Effective Date :</u> 31DEC1987 <u>Entry / Update :</u> APR1991
CAN	REG	PACK LABEL USE	AGRIC PESTI	CLASS	FORMULATIONS CONTAINING THIS ACTIVE INGREDIENT ARE APPROVED FOR COMMERCIAL USE AS FUNGICIDE (AGRICULTURAL), MATERIAL PRESERVATIVE. (FORMULATION: WETTABLE POWDER; SOLUTION). CODE ZIR. 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 : Ziram

RTECS Number : ZH0525000

CAS Number : 137-30-4

Area	Type	Subject	Spec.	Description	Level / Summary Information :
CSK	REG	FOOD GOODS	-	PRMT MXL	COMPONENT OF RUBBER PRODUCTS PERMITTED FOR CONTACT WITH FOOD AND THE HUMAN BODY. MAXIMUM LIMIT FOR THE FINAL PRODUCTS: 20 MG/G (CALCULATED AS ZN). <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> : HPMC*,54,,1982 <u>Effective Date</u> : 1JAN1983 <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-HOCHSTMENGENVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1861,1989 <u>Effective Date</u> : 22MCH1990 <u>Last Amendment</u> : BGZBAD,,1,481,1990 <u>Entry / Update</u> : DEC1991
DEU	REG	CLASS LABEL PACK	-	CLASS RQR RQR	CLASSIFICATION AND LABELLING IN GERMANY IS GENERALLY THE SAME AS FOR THE EEC (SEE OJEC** L180, 1991). HOWEVER, SLIGHT MODIFICATIONS MAY BE INTRODUCED FOR SOME SUBSTANCES IN THE GERMAN LEGISLATION. <u>Title</u> : ORDINANCE ON HAZARDOUS SUBSTANCES. (GEFAHRSTOFFVERORDNUNG) <u>Reference</u> : BGZBAD,,1,1931,1991 <u>Effective Date</u> : 15JUN1991 <u>Last Amendment</u> : <u>Entry / Update</u> : APR1992
EEC	REG	CLASS LABEL 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); KEEP OUT OF REACH OF CHILDREN (S 2); KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S 13). <u>Title</u> : COUNCIL DIRECTIVE 67/548/EEC OF 27 JUNE 1967 ON THE APPROXIMATION OF THE LAWS, REGULATIONS AND ADMINISTRATIVE PROVISIONS RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS SUBSTANCES <u>Reference</u> : OJEC**,196,,1,1967 <u>Effective Date</u> : 1JUL1992 <u>Last Amendment</u> : OJEC**,L 180,,79,1991 <u>Entry / Update</u> : APR1992
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% AND WHEN LIQUID OR GASEOUS AS HARMFUL AT CONCS. >25-100%. MEMBER STATES SHALL ENSURE THAT PESTICIDES CANNOT BE PLACED ON THE MARKET UNLESS THEIR PACKAGING, FASTENINGS AND LABELS COMPLY WITH THE REQUIREMENTS LAID DOWN. <u>Title</u> : COUNCIL DIRECTIVE OF 26 JUNE 1978 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE CLASSIFICATION, PACKAGING AND LABELLING OF DANGEROUS PREPARATIONS (PESTICIDES). (78/631/EEC). <u>Reference</u> : OJEC**,L206,,13,1978 <u>Effective Date</u> : <u>Last Amendment</u> : OJEC**,L144,,1,1984 <u>Entry / Update</u> : APR1986
KEN	REG	FOOD	PESTI	MRL	SPECIFIED FOOD PRODUCTS: 0.1-7.0 MG/KG. <u>Title</u> : THE FOOD, DRUGS AND CHEMICAL SUBSTANCES (FOOD LABELLING, ADDITIVES AND STANDARDS) REGULATIONS, 1978 <u>Reference</u> : GSKEN*,40,,410,1978 <u>Effective Date</u> : <u>Last Amendment</u> : <u>Entry / Update</u> : SEP1982
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS. 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	PRO	PROHIBITED FOR USE AS A PESTICIDE REASONS FOR THE CONTROL ACTION: MUTAGENIC, TERATOGENIC, CARCINOGENIC. <u>Title</u> : <u>Reference</u> : <u>Effective Date</u> : <u>Last Amendment</u> : OSUMH*,,,30MCH,1978 <u>Entry / Update</u> : AUG1988

Common Name : Ziram

RTECS Number : ZH0525000

CAS Number : 137-30-4

Area Type Subject Spec. Description Level / Summary Information :

RUS	REG	AQ	SURF	MAC	SURFACE WATER FOR FISHING : 1.0 MG/L <u>Title :</u> <u>Reference :</u> <u>Last Amendment :</u> PDKTV*,,,,1978 <u>Effective Date :</u> <u>Entry / Update :</u> JUN1982
RUS	REG	FOOD	-	PRO ADI	PESTICIDE IS PROHIBITED IN ALL FOOD PRODUCTS. ADI = 0.002 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
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
USA	REG	CLASS MANUF FOOD AQ SAFTY	PESTI PESTI ADDIT GRND OCC	RQR PRMT RQR RQR RQR	CASE NAME DIMETHYLDITHIOCARBAMATE SALTS THIS SUBSTANCE IS INCLUDED ON A LIST OF ACTIVE INGREDIENTS CONTAINED IN A PRODUCT FIRST REGISTERED BEFORE NOVEMBER 1, 1984, FOR WHICH A REGISTRATION STANDARD HAS NOT BEEN ISSUED. PUBLICATION OF THIS LIST INITIATES AN ACCELERATED REREGISTRATION AND DATA C ALL-IN FOR PRODUCTS CONTAINING THE LISTED ACTIVE INGREDIENTS. THE STATUTORY CRITERIA THAT EPA MUST INCLUDE IN SETTING PRIORITIES FOR INCLUSION ON LIST B ARE THOSE ACTIVE INGREDIENTS RELATING TO FOOD AND FEED USE, GROUNDWATER CONTAMINANTS, POTENTIAL RESIDUES IN SHELLFISH, AND THOSE ACTIVE INGREDIENTS WITH SIGNIFICANT DATA GAPS AND THOSE OF CONCERN FOR WORKER EXPOSURE BECAUSE OF AGRICULTURAL, GREENHOUSE, OR NURSERY EXPOSURE. <u>Title :</u> FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT: PESTICIDES REQUIRED TO BE REREGISTERED; LIST B <u>Reference :</u> FEREAC,54,100,22706,1989 <u>Last Amendment :</u> FEREAC,54,100,22706,1989 <u>Effective Date :</u> 1988 <u>Entry / Update :</u> JAN1992

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