

PRENLISS INCORPORATED -- 655-777 PRENTOX 5 LB MALATHION SPRAY -- 6840-00-655-9222

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Product Identification
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Product ID:655-777 PRENTOX 5 LB MALATHION SPRAY

MSDS Date:12/19/1994

FSC:6840

NIIN:00-655-9222

MSDS Number: BXQFG

=== Responsible Party ===

Company Name:PRENLISS INCORPORATED

Address:C.B. 2000

City:FLORAL PARK

State:NY

ZIP:11001

Country:US

Info Phone Num:516-326-1919

Emergency Phon

e Num:516-326-1919

CAGE:LO740

=== Contractor Identification ===

Company Name:EHRlich J C CHEMICAL CO INC

Address:500 SPRING RIDGE DR

Box:City:READING

State:PA

ZIP:19612-3848

Country:US

Phone:610-372-9700/FAX: 610-378-9744

CAGE:8C885

Company Name:PRENLISS INCORPORATED

Address:C.B. 2000

Box:City:FLORAL PARK

State:NY

ZIP:11001

Country:US

Phone:516-326-1919

CAGE:LO740

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Composition/Information on Ingredients
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Ingred Name:MALATHION (CERCLA)

CAS:121-75-5

RTECS #:WM8400000

Fraction by Wt: 57.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 15 MG/M3
ACGIH TLV:S, 10 MG/M3; 9495
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:XYLENE RANGE AROMATIC SOLVENT (CONTAINS FOLLOWING INGRED
3,4, 5,6)

CAS:64742-95-6
RTECS #:WF3400000
Fraction by Wt: 34.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA 313) (PART OF INGRED 2)

CAS:95-63-6
RTECS #:DC3325000
Fraction by Wt: 32.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:25 PPM
ACGIH TLV:25 P
PM; 9495

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA) (PART OF
INGRED 2)

CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 3.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CUMENE (SARA 313) (CERCLA) (PART OF INGRED 2)

CAS:98-82-8
RTECS #:GR8575000
Fraction by Wt: 1.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 50 PPM; 9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL BENZENE (SARA 313) (PART OF INGRED 2)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 0.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/125STEL;9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:EMULSIFIER

Fraction by Wt: 6.00%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >1625MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of

Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:HARMFUL IF INGEST.ACUTE EXPOSURE MAY CAUSE DEATH DUE TO CHOLINESTERASE INHIBITION. XYLENE RANGE AROMATIC SOLVENT:INHAL OF SOLVENT VAPOR AT HI CONCENTRATIONS CAN CAUSE CNS DEPRESS,RESPIRATORY TRACT IRR ITATION,ASPHYXIATION, CARDIAC STRESS,COMA.EXPOSURE TO EXTREMELY HIGH LEVELS MAY CAUSE KIDNEY/LIVER DAMAGE.

Explanation of Carcinogenicity:PER

MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO.

Effects of Overexpo

sure:HEADACHES,NAUSEA,VOMITING,CRAMPS,WEAKNESS, BLURRED VISION,PIN-POINT PUPILS,TIGHTNESS IN HCEST,LABORED BREATHING, NERVOUSNESS,SWEATING,WATERING OF EYES,DROOLING OR FROTHING OF MOUTH & NOSE, MUSCLE SPAS MS,COMA.

Medical Cond Aggravated by Exposure:REPEATED EXPOSURES TO

CHOLINESTERASE INHIBITORS SUCH AS THIS PRODUCT WITHOUT WARNING MAY CAUSE INCREASED SUSCEPTIBILITY TO DOSES OF ANY CHOLINESTERASE INHIBITOR.

===== First Aid Measures =====

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First Aid:INGEST:CALL PHYSICIAN OR POISON CONTROL CENTER IMMED. DO NOT INDUCE VOMITING. SKIN:WASH THOROUGHLY W/SOAP/WATER. INHAL:REMOVE PERSON TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF INDICATED. EYES:FLUSH W/PLENTY OF WATER. GET PROMPT MED ATTN. NOTE TO PHYSICIAN:MALATHION UPON REPEATED, PROLONGED OR CARELESS USE MAY CAUSE CHOLINESTERASE INHIBITION. ATROPINE IS ANTIDOTE.

===== Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:113F,45C

Lower Limits:1.9

Upper Limits:12.6

Extinguishing Media:DRY CHEMICAL, CO2, FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.AVOID RUNOFF INTO WATERS OR SEWERS.

Unusual Fire/Explosion Hazard:MALATHION DECOMPOSES WHEN HEATED ABOVE 100C. EXPLOSION OF SEALED CNTNRS MAY OCCUR.MAY GIVE OFF PHOSPHORUS PENTOXIDE, CO, CO2,MALAOXON & SULFIDES.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQ TO PREVENT PROD/VAP CONTACT. COVER W/GENEROUS AMTS OF ABSORBENT MATL(CLAY,DIATOMACEOUS EARTH,SAND, SAWDUST).SWEEP ONTO SHOVEL;PUT INTO SALVAGE DRUM.DISPOSE OF WASTES.PLACE ANY LEAKI NG CNTNR INTO SIMILAR DRUM/GLASS CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:DON'T CONTAM H2 O/FOOD/FEED.REMOVE

CONTAMIN CLOTH;WASH W/SOAP/HOT WATER BEF REUSE.HARMFUL IF INGEST.AVOID BREATH VAP/ SKIN CNTCT.INSPECT STORE MATL OFT

Other Precautions:TOXIC TO AQUATIC INVERTEBRATES/AQUATIC LIFE STAGES OF AMPHIBIANS.PERSONS WORKING W/PROD FOR LONG PER OF TIME/FREQUENT BASIS SHOULD HAVE BLOOD TESTS OF CHOLINESTERASE LEVELS;IF BELOW CRITICAL PT AVOID FURTHER EXPO TIL NORMAL LEVELS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:

USE AN APPROVED PESTICIDE RESPIRATOR PROTECTING
AGAINST ORGANOPHOSPHORUS VAPORS.

Ventilation: LOCAL EXHAUST AS REQUIRED TO MEET TLV VALUES. MECHANICAL AS
REQUIRED TO MEET TLV VALUES.

Protective Gloves: CHEM RESIST. WASH GLOVES BEFORE REMOVING.

Eye Protection: SAFETY GLASSES OR GOGGLES.

Other Protective Equipment: WEAR WATERPROOF CLOTHING DESIGNED TO PREVENT
EYE/SKIN CONTACT.

Work Hygienic Practices: WASH HANDS/ARMS/FACE W/ SOAP/WATER AFT USE &
BEFORE EAT/SMOK.

Supplemental Safety and Health

DISPOSE: SANITARY LANDFILL OR OTHER APPROVED STATE/LOCAL PROCEDURES.

===== Physical/Chemical Properties =====

HCC: F4

Decomp Temp: Decomp Text: >212F, >100C

Spec Gravity: 1.0604

Solubility in Water: EMULSIFIES

Appearance and Odor: WATER WHITE TO YELLOW LIQUID, MERCAPTAN LIKE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

ALKALIES, IRON, AND STRONG OXIDIZERS.

Stability Condition to Avoid: AVOID STORAGE

AT TEMPS IN EXCESS OF 78F

FOR BEST STABILITY.

Hazardous Decomposition Products: CO, CO₂, PHOSPHORUS PENTOXIDE,
MALOXON, DIMETHYL SULFIDE, SULFUR DIOXIDE, & OXIDES OF NITROGEN.

===== Disposal Considerations =====

Waste Disposal Methods: PESTICIDE WASTES ARE TOXIC. IF CAN'T DISPOSED BY
USE ACCORDING TO LABEL INSTRUCTIONS CONTACT STATE PESTICIDE/ENVIRONMENTAL
CONTROL AGENCY/HAZ WASTE REP @ EPA REG OFFICE FOR GUIDANCE. TRIPLE RINSE
CONTAINER & OFFER FOR RECYCLING/RECONSTRUCTION OR PUNCTURE & DISPOSE IN
(SUPPLEMENT)

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