

DURSBAN 2E INSECTICIDE, PROD CODE:01147

MSDS Number

BBFLR

National Stock Number

6840-00D001801

Product Name

DURSBAN 2E INSECTICIDE, PROD CODE:01147

Manufacturer

DOW CHEMICAL U S A

Product Identification

Product ID:DURSBAN 2E INSECTICIDE, PROD CODE:01147

MSDS Date:10/16/1985

FSC:6840

NIIN:00D001801

MSDS Number: BBFLR

Responsible Party

DOW CHEMICAL U.S.A

2020 DOW CENTER

MIDLAND , MI 48640-6030

US

Cage: 96717

Contractor

DOW CHEMICAL CO

MIDLAND, MI 48674

US

800-258-2436

Cage: 96717

Ingredients

CHLORPYRIFOS (SARA III)

CAS: 2921-88-2

RTECS: TF6300000

Fraction By Weight: 24.1%

OSHA PELs, 0.2 MG/M3

ACGIH TLV: S, 0.2 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

XYLENE RANGE AROMATIC SOLVENT

CAS: 64742-95-6

1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)

CAS: 123-91-1

RTECS: JG8225000

OSHA PELS, 100 PPM

ACGIH TLV: S, 25 PPM; 9293

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

PROPRIETARY EMULSIFIER

PROPRIETARY SOLVENT

Hazards

LD50 LC50 Mixture:LC50=2.5 MG/L (4 HR,FEMAL RAT).

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

Reports of Carcinogenicity:NTP:YES IARC:YES

Health Hazards Acute and Chronic:EYE:CAUSE PAIN,SEVERE IRRITATION;
SKIN:CAUSE BURNS,DRYING OR FLAKING; ING:SINGLE DOSE ORAL TOXICITY
IS LOW,LARGER AMOUNTS MAY CAUSE INJURY,IF ASPIRATED,MAY CAUSE LUNG
DAMAGE,EVEN DEATH TO CHEMICAL PNEUMONIA,CAUSED BY PETROLEUM-LIKE
SOLVENTS; INH:CAUSE EYE & UPPER RESPIRATORY IRRITATION,CENTRAL
NERVE SYS DEPRESSION.

Explanation of Carcinogenicity:1,4-DIOXANE IS A SUSPECTED CARCINOGEN.

Effects of Overexposure:HEADACHE,DIZZINESS,INCOORDINATION,MUSCLE
TWITCHING,TREMORS,NAUSEA,ABDOMINAL
CRAMPS,DIARRHEA,SWEATING,PINPOINT PUPILS,BLURRED
VISION,SALIVATION,TEARING,TIGHTNESS IN CHEST,EXCESSIVE
URINATION,CONVULSION S.

Medical Cond Aggravated by Exposure:BECAUSE RAPID ABSORPTION MAY OCCUR
THROUGH LUNGS IF ASPIRATED & CAUSE SYS EFF,THE DECISION OF WHETHER
TO INDUCE VOMITING SHOULD BE MADE BY A PHYSICIAN.

First Aid

First Aid:EYE/SKIN:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN,WASH
CONTAMINATED CLOTHING,CONTACT PHYSICIAN; ING:DO NOT INDUCE
VOMITING,CALL A PHYSICIAN OR TRANSPORT TO EMERGENCY FACILITY
IMMEDIATELY; INH:IF ILL EFFECTS OCCUR,REMOVE TO FRESH AIR,IF NOT
BREATHING,GIVE ARTIFICIAL RESPIRATION,PREFERRABLY MOUTH-TO-MOUTH,IF
BREATHING IS DIFFICULT,GIVE OXYGEN.

Fire Fighting

Flash Point Method:TCC

Flash Point:102F/39C

Lower Limits:1.1

Upper Limits:6

Extinguishing Media:FOAM,CO*2, DRY CHEMICAL

Fire Fighting Procedures:FOAM SYSTEM IS PREFERRED,USE POSITIVE PRESSURE
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC IRRITATING GASES MAY BE
FORMED.RAPID DECOMPOSITION AT 160-200C.VIOLENT ERUPTION OF
CONTAINERS MAY OCCUR.

Accidental Release

Spill Release Procedures:ABSORB SPILLS WITH MATERIAL SUCH AS
SAND,SAWDUST,ZORBALL OR DIRT.CONTAIN SPILL BY DIKING TO KEEP OUT OF
SEWERS.FOR LARGE SPILLS,BARRICADE AREA,ELIMINATE IGNITION SOURCES &
CONSULT MFG.

Exposure Controls

Respiratory Protection:USE AN APPROVED AIR-PURIFYING RESPIRATOR. FOR
EMERGENCY:USE AN APPROVED POSITIVE PRESSURE,SELF-CONTAINED
BREATHING APPARATUS.

Ventilation:MECHANICAL & LOCAL EXHAUST TO CONTROL BELOW TLV.

Protective Gloves:IMPERVIOUS TYPE.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:SAFETY SHOWER & EYE BATH.
Supplemental Safety and Health

Chemical Properties

HCC:F5
Boiling Pt:B.P. Text:284F/140C
Decomp Temp:Decomp Text:160-200C
Vapor Pres:49MMHG,49C
Vapor Density:Spec Gravity:0.999
Solubility in Water:EMULSIFIABLE
Appearance and Odor:YELLOW LIQUID,NO CRYSTAL POINT, WITH MERCAPTAN
ODOR.

Stability

Stability Indicator/Materials to Avoid:NO
BASES,CONSULT MFG FOR SPECIFIC CASES.
Stability Condition to Avoid:AVOID TEMPERATURE ABOVE
122F(50C),CHLORPYRIFOS UNDERGOES EXOTHERMIC DECOMPOSITION.
Hazardous Decomposition Products:HYDROGEN CHLORIDE,ETHYL
SULFIDE,DIETHYL SULFIDES & NITROGEN OXIDES.

Disposal

Waste Disposal Methods:PESTICIDE WASTES ARE TOXIC.IF THESE WASTES CAN
NOT BE DISPOSED OF BY USE ACCORDING TO LABEL INSTRUCTIONS,CONTACT
YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY OR THE
HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE
FOR ADVICE.

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