

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-149/14970-87-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

14970-87-7

Code:

M

RTECS:

Code:

X

Name:

DIMERCAPTO DIOXAOCANE VP: 0 MM HG. LD50 (ORAL, R

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

WHEN SPRAYING OR APPLYING IN ANY CIRCUMSTANCES LIKELY TO PRODUCE AIRBORNE LEVELS OF HAZARDOUS INGREDIENTS IN EXCESS OF TLV, USE A NIOSH APPROVED ORGANIC VAPOR CARTRIDGE OR A NIOSH APPROVED AIR-SUPPLIED RESPIRATOR.

Ventilation:

GENERAL VENTILATION TO MAINTAIN VAPORS BELOW PEL.

Protective Gloves:

7 SOLVENT- RESISTANT GLOVES.

Eye Protection:

ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N). NONE.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

UNUSUAL FIRE AND EXPLOSION HAZARDS: TESTING BY BUREAU OF EXPLO ACCORDING TO US DOT REGS HAS DEMONSTRATED MATLIS NOT CLASSIFIED AS LIQUID & IS NOT IGNITABLE ENOUGH TO BE FLAM SOLID.

Health Hazards Data

LD50/LC50 Mixture:

SEE INGREDIENT 2.5

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

XYLENE: EYES: MAY CAUSE BURNING, TEARING & REDDENING. SKIN: PRNG EXPOS MAY CAUSE DRYING & CRACKING OF SKIN POSS DERM. MAY BE ABSORBED THRU SKIN. INHAL: MAY CAUSE DIZZ, DROW & FATIGUE. MAY CAUSE LIV R/KIDNEY DMG. INGEST: MAY CAUSE IRRIT OF DIGESTIVE TRACT. SIGNS OF NERV SYS DEPRESS (DROW, DIZZ, LOSS OF COORD, & FATIG). ASPIR HAZ- MATL CAN ENTER LUNGS DURING INGEST/VOMIT & CAUSE LUNG INFLAMM & DMG. 1,8-DIMERCAPTO-3,6-DIOXAOCANE: EYES: SLIGHT REDNESS. SKIN: NONIRRITATING (RABBIT). (EFTS OF

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

HLTH HAZ: ISOPROPYL ALCOHOL: EYES: IRRITANT. SKIN: IRRITANT. INHALATION: MAY CAUSE NOSE & THROAT IRRIT. MAY CAUSE FLUSHING, HEADACHE, DIZZINESS, MENTAL DEPRESSION, NAUSEA, VOMITING, NAROSIS ANESTHESIA & COMA. INGESTION: MAY CAUSE HEADACHE, DIZZINESS, MENTAL DEPRESSION, NAUSEA, VOMITING, NARCOSIS, ANESTHESIA AND COMA. PROPYLENE GLYCOL METHYL ETHER ACETATE: EYES: MAY CAUSE SLIGHT EYE IRRIT & SLIGHT CORNEAL INJURY. SKIN: ESSENTIALLY NONIRRITATING TO SKIN. INHAL: REPEATED EXCESSIVE EXPOSURE MA

Medical Cond Aggravated By Exposure:

N/P

First Aid:

EYES: FLUSH WITH LUKE WARM WATER FOR AT LEAST 15 MINUTES. IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN. INHALATION: REMOVE TO FR ESH AIR. IF SYMPTOMS ARE PRESENT, CONSULT A PHYSICIAN. INGESTION: CONSULT A PHYSICIAN.

Spill Release Procedures:

REMOVE ALL IGNITION SOURCES. WEAR NIOSH APPROVED AIR-SUPPLIED RESPIRATOR FOR MAJOR UNVENTILATED SPILL. COVER WITH ABSORBENT. SCOOP INTO CONTAINERS. CLEAN UP RESIDUE WITH A SUITABLE SOLVENT. CERCLA RQ FOR XYLENE IS 1,000 LBS.

Neutralizing Agent:

N/P

Waste Disposal Methods:

EPA NUMBER D-001 HAZARDOUS WASTE. DISPOSE OF IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. 6

Handling And Storage Precautions:

NONE.

Other Precautions:

CALCIUM CARBONATE IS FULLY ENCAPSULATED IN PRODUCT AND IS NOT HAZARDOUS TO USERS UNDER NORMAL CONDITIONS.

Fire and Explosion Hazard Information

Flash Point Method:

PMCC

Flash Point:

=22.2C, 72.F

Flash Point Text:

N/A

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

1.1%

Upper Limits:

N/K

Extinguishing Media:

CARBON DIOXIDE, DRY CHEMICAL, FOAM, AND WATER FOG.

Fire Fighting Procedures:

USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). USE WATER TO COOL HEAT EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:

HIGH TEMPERATURE MAY CAUSE PRESSURE BUILDUP IN CLOSED CONTAINER. FLASH PT:>200F,93.33C FLASH PT METHOD:TOC. CLOSED CUP IS REQD METH. HOWEVER, ACTUAL FLAM IS MORE ACCURATELY INDICATED BY THE OPEN CUP METHOD DUE TO LOW CONC OF VOLATILE INGREDIENT. (SUPDAT)

Physical/Chemical Properties

HCC:

NRC/State Lic No:

Net Prop WT For Ammo:

Boiling Point:

>82.2C, 180.F

B.P. Text:

180-187.F

Melt/Freeze Pt:

N

N.P. (FP N) Text:

N/K (FP N)

Decomp Temp:

N/A

Decomp Text:

N/K (FP N)

Vapor Pres:

SEE INGREDIENTS

Vapor Density:

HVR/AIR

Volatile Org Content %:

N/A

Spec Gravity:

1.311

VOC Pounds/Gallon:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N-BUTYL ACETATE

100

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

WHITE

Percent Volatiles by Volume:

14.8

Corrosion Rate:

N/K

Other Information:

None

</