

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 DIOXAOTANE 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

ACGIHSTEL:
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-SUPPL IED 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

LD50LC50Mixture:
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: PRLNG EXPOS MAY CAUSE DRYING & CRACKING OF SKIN POSS DERM. MAY BE ABSORBED THRU SKIN. INHAL: MAY CAUSE DIZZ, DROW & FATIGUE. MAY CAUSE LIVE R/KIDNEY DMG. INGEST: MAY CAUSE IRRIT OFDIGESTIVE TRACT. SIGNS OF NERV SYS DEPRESS (DROW, DIZZ, LOSS OF COORD, & FATG). ASPIR HAZ- MATL CAN ENTER LUNGS DURING INGEST/VOMIT & CAUSE LUNG INFLAMM & DMG. 1,8-DIMERCAPTO-3,6-DIOXAOTANE: 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:

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:
180-437F

Melt/Freeze Pt:

M.P/F.P Text:
N/K (FP N)

Decomp Temp:

Decomp Text:
N/K (FP N)

Vapor Pres:
SEE INGREDIENTS

Vapor Density:
HVR/AIR

Volatile Org Content %:

Spec Gravity:
1.311

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N-BUTYL ACETATE

Solubility in Water:
NEGIGIBLE

Appearance and Odor:
WHITE 8

Percent Volatiles by Volume:
14.8

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NOT KNOWN.

Materials To Avoid:
N/P

Hazardous Decomposition Products:
OXIDES OF CARBON.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/P

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P