

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-570/57041-67-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

57041-67-5

Code:

M

RTECS:

Code:

X

Name:
DESLURANE,ALSO KNOWN AS:1,2,2,2-TETRAFLUOROETHYL

Other REC Limits:

2PPM

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

1

Control Measures

Respiratory Protection:

WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:

LOCAL EXHAUST.

Protective Gloves:

LATEX,RUBBER.

Eye Protection:

SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:

Equipment MANUFACTURER STATES NONE.

Work Hygienic Practices:

USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health:

HMIS(LEVIE) HAS FOUND NO REFERENCE OF THIS CHEMICAL IN HMCM,RTECS OR CCINFO.HMIS NOTES THAT MFR HAS ASSIGNED A RCRA CODE OF D022,WHICH CORRESPONDS TO CHLOROFORM.THEREFORE HMIS ASSIGNS HCC,PSN AND TOXICITY DATA AS SUCH.

Health Hazards Data

LD50LC50Mixture:

LD50 ORAL RAT FOR ETHER IS 1215MG/M3

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

N/P

Health Hazards Acute And Chronic:

EYES: MAY CAUSE IRRITATION.SKIN: MAY CAUSE IRRITATION AND DRYNESS.INGEST: UNLIKELY IN NORMAL SERVICE.MAY CAUSE UNCONSCIOUSNESS OR DEATH.INHAL: MAY CAUSE RESPIRATORY IRRITATION.

Explanation Of Carcinogenicity:

MFR COMPARE DESFLURANE TO CHLOROFORM WHICH IS A CARCINOGEN LISTED BY NTP,IARC AND EPA.

Signs And Symptoms Of Overexposure:

EYES: REDNESS.INHAL: HEADACHE, DIZZINESS, DROWSINESS, UNCONSCIOUSNESS AND DEATH.

Medical Cond Aggravated By Exposure:

NOT REPORTED.

First Aid:

SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER. USE MOISTURIZING LOTION TO RELIEVE DRYNESS. EYES: FLUSH WITH WATER FOR 15 MINUTES. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. INGEST: DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

Spill Release Procedures:

VENTILATE AREA. USE PROPER RESPIRATORY PROTECTION. SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG,CLAY); PLACE COLLECTED MATERIEL IN AN APPROPRIATE CONTAINER FOR DISPOSAL. FURTHER INFO- CALL 800-535-5053.

Neutralizing Agent:

NONE

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS. MFR CITES RCRA CODE D022(CHLOROFORM) FOR TCLP CHARACTERISTICS.

Handling And Storage Precautions:

STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:

AVOID BREAKAGE OF BOTTLES.

Fire and Explosion Hazard Information

Flash Point Method:

CC2

Flash Point:

Flash Point Text:

>200F,>93C

Autoignition Temp:

Autoignition Temp Text:

N/K

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:

USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Physical/Chemical Properties

HCC:

T3

NRC/State LC No:

N/R

Net Prop WT For Ammo:

N/R

Boiling Point:

BP, T22,8C

Melt/Freeze Pt:

M/K/F/P Text:

N/K

Decomp Temp:

N/R

Decomp Text:

UNKNOWN

Vapor Pres:

669.22

Vapor Density:

>1.3

Volatile Org Content %:

N/R

Spec Gravity:

1.47@15C

VOC Pounds/Gallon:

N/R

pH:

N/K

VOC Grams/Liter:

N/R

Viscosity:

UNKNOWN

Evaporation Rate & Reference:

>1 ETHER=1

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

LIQUID,CLEAR, COLORLESS; MILD ETHERAL ODOR.

Percent Volatiles by Volume:

100

Corrosion Rate:

UNKNOWN

Other Information:

AVOID BREAKAGE OF BOTTLES.

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HIGH HEAT SOURCES OF IGNITION.

Materials To Avoid:

PEROXIDES

Hazardous Decomposition Products:

HF

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

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

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