

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-75/75-61-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
75-61-6
Code:
T

RTECS:
PA7525000
Code:
T

Name:
DIBROMODIFLUOROMETHANE

Other REC Limits:
N/P

OSHA PEL:
860 MG/M3;100 PPM
Code:
T

OSHA STEL:
N/P
Code:

ACGIH TLV:
858 MG/M3;100 PPM
Code:
T

ACGIHSTEL:
NOT ESTABLISHED
Code:
T

Control Measures

Respiratory Protection:
WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS IN CONCENTRATIONS ABOVE 1000 PPM ARE EXPECTED. CONSULT ANSI STANDARD & OSHA REGULATIONS CONCERNING THE USE OF RESPIRATORY EQUIPMENT.

Ventilation:
LOCAL EXHAUST: MATERIAL TRANSFER & HANDLING SHOULD BE CONDUCTED W/AN EXHAUST SYSTEM. MECHANICAL: ALL INDOOR AREAS SHOULD BE WELL VENTILATED.

Protective Gloves:
LINED NEOPRENE/LEATHER IF FROSTBITE IS A POSSIBILITY.

Eye Protection:
CHEMICAL SAFETY GOGGLES. DON'T WEAR CONTACT LENSES.

Other Protective Equipment:
Equipment NONE

Work Hygienic Practices:
ENSURE THAT PIPING IS EMPTY BEFORE DOING MAINTENANCE WORK. PERIODICALLY CHECK CYLINDERS TO ENSURE VALVES ARE NOT LEAKING. 3

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
SKIN: CONTACT W/LIQUID CAN CAUSE FROSTBITE. OVEREXPOSURE MAY CAUSE LIVER DAMAGE. INHALATION: MAY BE IRRITATING TO THE NOSE & THROAT. ANESTHETIC EFFECTS. AT HIGH EXPOSURE LEVELS CARDIAC ARRYTHMIAS MAY BE NOTED.

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
FROSTBITE, IRRITATION, DROWSINESS, UNCONSCIOUSNESS,

Medical Cond Aggravated By Exposure:
HEART CONDITIONS.

First Aid:
INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR/OXYGEN IF NEEDED. SKIN/EYES: FLUSH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE: EPINEPHRINE IS CONTRAINDICATED IN THE TREATMENT OF OVER-EXPOSURE TO THIS PRODUCT.

Spill Release Procedures:
EVACUATE THE AREA. WEAR SELF CONTAINED BREATHING APPARATUS, VENTILATE ENCLOSED AREAS IN CASE OF RELEASE.

Neutralizing Agent:
N/P

Waste Disposal Methods:
RETURN EMPTY CYLINDERS TO GREAT LAKES CHEMICAL CORP., EL DORADO, ARKANSAS. 2

Handling And Storage Precautions:
TRANSFER FROM ONE VESSEL TO ANOTHER MUST BE DONE IN A MANNER TO PREVENT EXPOSURE TO CONCENTRATIONS IN EXCESS OF 100 PPM. PROTECT CYLINDERS FROM PHYSICAL DAMAGE. STORAGE TEMPERATURE SHOULD NOT EXCEED 1 25 F. CYLINDERS SHOULD BE SECURED FROM STORAGE W/VALVE PROTECTION CAP IN PLACE.

Other Precautions:
STORAGE AREA SHOULD BE WELL VENTILATED. AVOID PROLONGED EXPOSURE TO EXCESSIVE CONCENTRATIONS.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONFLAMMABLE GAS

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
HALON 1202 IS A FIRE EXTINGUISHING AGENT. USE WATER SPRAY TO COOL CYLINDERS INVOLVED IN FIRES. USE MEDIA SUITABLE FOR FLAMMABLE MATERIALS IN THE AREA.

Fire Fighting Procedures:
AVOID EXPOSURE TO PERSONNEL & ACCIDENTAL DISCHARGE/A SYSTEM OPERATION DUE TO A FIRE. WEAR SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
HALON 1202 IS RELATIVELY TOXIC TO HUMANS AT LEVELS BELOW FIRE EXTINGUISHING CONCENTRATIONS. LOW LEVELS/TOXIC & CORROSIVE HALOGENS/HALOGEN ACIDS ARE RELEASED IN FIRE SITUATIONS.

Physical/Chemical Properties

HCC:
G3

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:
=23.9C, 75.F

B.P. Text:

Melt/Freeze Pt:
=-147.2C, -233.F

M.P/F.P Text:

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
652

Vapor Density:
7.2

Volatile Org Content %:

Spec Gravity:
2.29

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
COLORLESS, CLEAR LIQUID W/SWEET SMELLING ODOR

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
STORAGE TEMPERATURE >125F. FLAMES, HOT SURFACES

Materials To Avoid:
CHEMICALLY ACTIVE METALS: SODIUM, POTASSIUM, CALCIUM, POWDERED ALUMINUM, ZINC, MAGNESIUM,

Hazardous Decomposition Products:
ON CONTACT W/FLAMES/HOT SURFACES: HYDROGEN BROMIDE, HYDROGEN FLUORIDE, FREE BROMINE &SMALL AMOUNTS OF CARBONYL HALIDES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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