

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-107/107-98-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
107-98-2
Code:
M

RTECS:
UB7700000
Code:
M

Name:
PROPYLENE GLYCOL MONOMETHYL ETHER

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
100 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
100 PPM
Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem
Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
IF TLV EXCEEDED WEAR NIOSH APPROVED ORGANIC VAPOR BREATHING APPARATUS.

Ventilation:
LOCAL EXHAUST: HOOD. MECHANICAL (GENERAL): FAN.

Protective Gloves:
RUBBER GLOVES.

Eye Protection:
SAFETY GLASSES, FACE SHIELD.

Other Protective Equipment:
Equipment APPROPRIATE TO PREVENT PROLONGED CONTACT WITH SKIN.

Work Hygienic Practices:
TRAIN PERSONNEL IN SAFE HANDLING OF THIS PRODUCT.

Supplemental Safety and Health:
NK

Health Hazards Data

LD50LC50Mixture:
NK

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
HEADACHE, DIZZINESS, SHORTNESS OF BREATH. PROLONGED EXPOSURE MAY RESULT IN DERMATITIS.

Explanation Of Carcinogenicity:
NK

Signs And Symptoms Of Overexposure:
SKIN DEFATTING/IRRITATION. MUCOUS MEMBRANE, LUNG IRRITATION.

Medical Cond Aggravated By Exposure:
DERMATITIS, KIDNEY DAMAGE, ASTHMA.

First Aid:
EYE: FLUSH W/WATER 15 MINUTES. CALL DR. SKIN: WASH W/SOAP & WATER. INGESTION: INDUCE VOMITING. DRINK LARGE AMOUNTS WATER. CALL DR.

Spill Release Procedures:
REMOVE ALL IGNIT SOURCES. BANK SPILL AREA W/SAND. TRANSFER TO LIQUID SAFETY CONTAINER.

Neutralizing Agent:
NK

Waste Disposal Methods:
DISPOSE AS HAZARDOUS WASTE ACCORDING TO LOCAL, STATE, FEDERAL REGULATIONS

Handling And Storage Precautions:
KEEP AWAY FROM HEAT/SPARKS/FLAME. KEEP CONTAINER CLOSED. USE W/ADEQUATE VENTILATION.

Other Precautions:
WASH HANDS BEFORE EATING DRINKING OR SMOKING. FOR INDUSTRIAL USE ONLY.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
40.0F,4.4C 4

Autoignition Temp:

Autoignition Temp Text:
NK

Lower Limits:
0.9

Upper Limits:
15.8

Extinguishing Media:
FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:
IN CONFINED AREAS SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

Unusual Fire/Explosion Hazard:
VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL TO SOURCE OF IGNITION.

Physical/Chemical Properties

HCC:

NRC/State LIC No:
NK

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
231F,111C

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text:
NK

Vapor Pres:
16.0

Vapor Density:
3.2

Volatile Org Content %:

Spec Gravity:
1.0

VOC Pounds/Gallon:

PH: NA

VOC Grams/Liter:

Viscosity:
90 CPS 5

Evaporation Rate & Reference:
0.93 (N-BUTYL ACETATE=1)

Solubility in Water:
SLIGHTLE

Appearance and Odor:
CLEAR SOLUTION, ALCOHOL - KETONE ODOR

Percent Volatiles by Volume:
5.0

Corrosion Rate:
NA

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH HEAT OR OPEN FLAME.

Materials To Avoid:
AVOID STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
SULFUR DIXOIDE, HYDRYGEN SULFIDE, CARBON MONOXIDE AND CARBON DIOXIDE, SOOT.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NK

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