

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-158/1589-49-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1589-49-7

Code:
M

RTECS:
UB7650000

Code:
M

Name:
PROPYLENE GLYCOL METHYL ETHER ACETATE

Other REC Limits:
N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
USE NIOSH APPROVED RESPIRATOR W/CARTRIDGES FOR ORGANIC VAPORS, DUSTS, MISTS & FUMES OR SUPPLIED-AIR RESPIRATOR.

Ventilation:
GENERAL MECHANICAL & LOCAL EXHAUST TO MAINTAIN CONCENTRATIONS BELOW TLV

Protective Gloves:
IMPERVIOUS SUCH AS NEOPRENE/BUTYL RUBBER 4

Eye Protection:
SPASH-PROOF SAFETY GLASSES

Other Protective Equipment:
Equipment CHEMICAL GOGGLES, LAB COAT, COVERALLS, EYE WASH STATION, SAFETY SHOWER &FIRE EXTINGUISHING EQUIPMENT

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH AFTER HANDLING &BEFORE EATING/DRINKING/SMOKING/USING TOILET.

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: SENSITIZATION, DERMATITIS, ABSORPTION. INHALATION: RESPIRATORY TRACT IRRITATION. TOLUENE CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. MAY CAUSE LIVER OR KIDNEY DAMAGE. EYES: IRRITATION & DAMAGE . HARMFUL IF SWALLOWED.

Explanation Of Carcinogenicity:
NONE

Signs And Symptoms Of Overexposure:
SKIN: DEFATTING, IRRITATION, OR ALLERGIC SKIN REACTION. INHALATION: HEADACHE, DIZZINESS, NAUSEA, VOMITING, NARCOSIS, & UNCONSCIOUSNESS. MAY CAUSE DEATH BY PARALYSIS OF RESPIRATORY FUNCTION.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/MILD SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING SS, GIVE ARTIFICIAL RESPIRA TION, PREFERABLY MOUTH-TO-MOUTH. INGESTION: DON'T INDUCE VOMITING. 3 IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
ELIMINATE ALL IGNITION SOURCES & VENTILATE AREA THOROUGHLY. COVER SPILL W/INERT ABSORBENT SUCH AS SAND, EARTH OR VERMICULITE. REMOVE USING NON-SPARKING TOOLS. WEAR PROTECTIVE EQUIPMENT.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. FLAMMABLE GAS. UN1954.

Handling And Storage Precautions:
STORE IN TIGHTLY CLOSED CONTAINERS IN COOL, DRY WELL-VENTILATED AREA. CONTENTS UNDER PRESSURE. DON'T PUNCTURE OR INCINERATE CAN. EXTREMELY FLAMMABLE.

Other Precautions:
DON'T STORE ABOVE 120F. DON'T BREATH VAPORS/SPRAY MIST. AVOID CONTACT W/EYES, SKIN OR CLOTHING. INTENTIONAL MISUSE BY DELIVERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. FOR IN DUSTRIAL USE ONLY.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
<40F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1%

Upper Limits:
7%

Extinguishing Media:
ALCOHOL FOAM, DRY CHEMICAL, CO2. DON'T USE WATER.

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE GEAR WHEN ENTERING CONFINED FIRE SPACES. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:
VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL TO AN IGNITION SOURCE, THEN FLASH BACK TO CONTAINER OR SPILL. AEROSOL CONTAINERS MAY EXPLODE IF EXPOSED TO FIRE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
230F

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
22

Vapor Density:
3.2

Volatile Org Content %:

Spec Gravity:
1.8

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
2.0

Solubility in Water:
SLIGHT

Appearance and Odor:
SILVER LIQUID W/SOLVENT ODOR

Percent Volatiles by Volume:
66

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
ELEVATED TEMPERATURES &ALL IGNITION SOURCES

Materials To Avoid:
ACIDS, BASES, OXIDIZING AGENTS

Hazardous Decomposition Products:
CO, CO2, &TOXIC MONOMER VAPORS

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

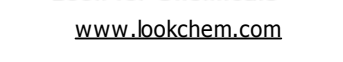
Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P



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WARRANTY

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