

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-57/57-55-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

57-55-6

Code:

M

RTECS:

TY2000000

Code:

M

Name:

PROPYLENE GLYCOL

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:**OSHA STEL:****Code:****ACGIH TLV:**

UNKNOWN

Code:

M

ACGIH STEL:

N/P

Code:

2

Control Measures

Respiratory Protection:

NONE LIKELY TO BE NEEDED UNLESS MATERIAL IS HANDLED HOT.

Ventilation:

RECOMMEND CONTROL OF VAPORS TO SUGGESTED GUIDE 4

Protective Gloves:

N/A

Eye Protection:

NOT NORMALLY REQD.

Other Protective Equipment:

Equipment PROTECTIVE CLOTHING CLEAN,BODY-COVERING CLOTHING.

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50LC50Mixture:

N/P

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

N/P

IARC:

N/P

OSHA:

N/P

Health Hazards Acute And Chronic:

N/P

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

DRUNKEDNESS,CENTRAL NERVOUS SYSTEM DEPRESSION,NARCOSIS,HEADACHE, DIZZINESS,STOMACH SPASM,VOMITING.

Medical Cond Aggravated By Exposure:

N/P

First Aid:

INHALATION: FRESH AIR, REST SKIN: REMOVE CONTAMINATED CLOTHES, RINSE SKIN W/ PLENTY OF WATER OR SHOWER; EYES: FIRST RINSE W/WATER, THEN CARRY TO A DR. IF NECESSARY, INGEST: RINSE MOUTH, GIVE WATER TO DRINK, INDUCE VOMITING & TRANS. HOSP.

Spill Release Procedures:

COLLECT LEAKING LIQUID IN SELALABLE CONTAINERS, WASH AWAY REMAINDER W/ LARGE AMT OF WATER. SOAK UP WITH ABSORBENT MATERIAL. DIKE TO CONTAIN TO PREVENT WATER POLLUTION.

Neutralizing Agent:

N/P

Waste Disposal Methods:

3 SALVAGE, OR BURN AFTER CONSULTING W/ LOCAL AUTHORITIES. RECOVER W/ VACUUM TRUCK & RETURN TO PLANT FOR REPROCESSING.

Handling And Storage Precautions:

AVOID SKIN & EYE CONTACT. AVOID INGESTION, PRACTICE REASONABLE CAUTION & PERSONAL CLEANLINESS.

Other Precautions:

PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. SEPARATE FROM OXIDIZING MATERIALS. AVOID FIRE. WEAR SAFETY GLASSES, RUBBER GLOVES, FACE SHIELD, GENERAL PURPOSE RESPIRATORY APPARATUS & PROTECT. CLTHG.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/P

Flash Point Text:

232F PMCC

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

3.2

Upper Limits:

N/A

Extinguishing Media:

WATER FOG, ALCOHOL FOAM, CO₂, AND DRY CHEMICAL, HALONS, POWDER

Fire Fighting Procedures:

USE SELF-CNTND BRTHG APP.

Unusual Fire/Explosion Hazard:

CO₂, HYDROCARBONS

Physical/Chemical Properties

HCC:

V5

NRC/State LIC No:**Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

387.1F

Melting/Freeze Pt:

N/P

M.P/F.P Text:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

.12

Vapor Density:

N/P

Volatile Org Content %:

N/P

Spec Gravity:

1.1155

VOC Pounds/Gallon:

N/P

pH:

N/P

VOC Grams/Liter:

N/P

Viscosity:

N/P

Evaporation Rate & Reference:

N/P

Solubility In Water:

COMPLETE

5

Appearance and Odor:

COLORLESS LIQUID-PRACTICALLY ODORLESS

Percent Volatiles by Volume:

N/P

Corrosion Rate:

N/P

Reactivity Data:**Stability Indicator:**

YES

Stability Condition To Avoid:

WILL IGNITE IN AIR AT 775

Materials To Avoid:

OXIDIZING MATERIALS

Hazardous Decomposition Products:

CO₂, CO

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 Registry Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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