

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-770/770-35-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
770-35-4
Code:
M

RTECS:

Code:
X

Name:
PROPYLENE GLYCOL PHENYL ETHER *93-4*

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:
FOR STRONG VAPOR OR MIST, ORGANIC VAPOR CHEMICAL CARTRIDGE RESPIRATORS. AVOID BREATHING VAPORS.

Ventilation:
3 LOCAL EXHAUST: WELL VENTILATED AREA. MECHANICAL: HOOD

Protective Gloves:
BUTYL RUBBER

Eye Protection:
GOGGLES

Other Protective Equipment:
Equipment RUBBER APRON

Work Hygienic Practices:
HANDLE W/CARE. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
BACTERIAL DECOMPOSITION OF DIMETHYL SULFOXIDE DURING WASTEWATER TREATMENT CAN RESULT IN THE RELEASE OF DIMETHYL SULFIDE (A VOLATILE SUBSTANCE WITH A STRONG DISAGREEABLE ODOR)

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES/SKIN: IRRITATION. INHALATION: HEADACHE, NAUSEA, DIZZINES, SEDATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptoms Of Overexposure:
INHALATION: DIARRHEA, DISTURBANCES IN COLOR VISION, BLOODY URINE, KIDNEY OR LIVER DAMAGE. SKIN: DERMATITIS.

Medical Cond Aggravated By Exposure:
2 SKIN DISEASE.

First Aid:
INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS SPED, PROVIDE ARTIFICIAL RESPIRATION. CALL PHYS. SKIN: WASH CONTAMINATED SKIN. EYES: FLUSH W/WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. O BTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
REMOVE IGNITION SOURCES. VENTILATE THE AREA. DON'T BREATH THE VAPOR OR GET LIQUID IN/ON EYE/SKIN. FOR LARGE SPILLS WEAR SCBA W/FULL FACEPIECE & PROTECTIVE CLOTHING. DILUTE, & FLUSH TO WASTEWATER TREAT MENT. DON'T ALLOW TO ENTER WATERWAYS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DILUTE/FLUSH TO AN APPROVED WASTE WATER TREATMENT SYSTEM IN ACCORDANCE W/FEDERAL, STATE, AND LOCAL REGULATIONS. FILTER OFF SOLIDS; DILUTE WITH AT LEAST 10 TIMES ITS VOLUME OF WATER BEFORE DISPOSING IN DRAINS.

Handling And Storage Precautions:
DON'T BREATHE VAPORS OR MIST. AVOID ALL CONTACT W/EYES OR SKIN. DON'T SMOKE IN AREAS OF STORAGE USE. WEAR THE APPROPRIATE PROTECTIVE EQUIPMENT.

Other Precautions:
STORE AWAY FROM OXIDIZING AGENTS IN A WELL-VENTILATED. COOL/DRY AREA FAR FROM IGNITION SOURCES/HEAT. WASH THOROUGHLY AFTER HANDLING. AVOID DRIPPING ONTO HOT SURFACE. USE ELECTRIC HEATING MANTLE. MAY S OLIDIFY WHEN STORED BELOW 65F.

Fire and Explosion Hazard Information

Flash Point Method:
OC

Flash Point:

Flash Point Text:
203F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
3.0%

Upper Limits:
6.3%

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

Fire Fighting Procedures:
WEAR PROTECTIVE CLOTHES, GOGGLES, SCBA.

Unusual Fire/Explosion Hazard:
BURNING DIMETHYL SULFOXIDE PRODUCES POISONOUS GASES WEAR GOGGLES, SCBA & RUBBER SUIT & GLOVES.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
372F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
0.46

Vapor Density:
2.7

Volatile Org Content %:

Spec Gravity:
1.096

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
MISCIBLE

Appearance and Odor:
PINK LIQUID, FRUITY ODOR

Percent Volatiles by Volume:
100

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
PROLONGED HEATING >300F

Materials To Avoid:
STRONG OXIDIZING AGENTS &ALKALI METALS.

Hazardous Decomposition Products:
CO, CO2, SULFUR DIOXIDES, FORMALDEHYDE, METHYL MERCAPTAN, NOXIOUS VAPORS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE 4

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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