MATERIAL SAFETY DATA SHEET

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

Click http://www.lookchem.com/cas-112/112-35-6.html for suppliers of this product.

Composition/Information on Ingredient

Cas:
112-35-6
Code:
M

RTECS:
KL6390000
Code:
M

Name:
TRIETHYLENE GLYCOL MONOMETHYL ETHER

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR IN ACCORDANCE WITH 29 CFR 1910.134 TO PREVENT EXPOSURE.

Ventilation:
LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL VAPORS, MISTS OR SPRAY.

Protective Gloves:
BUTYL RUBBER, PVC

Eye Protection:
CHEMICAL SAFETY GOGGLES

Other Protective Equipment:
Equipment CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:
WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health:
NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50LC50Mixture:
ACUTE ORAL LD50 (RAT) 6.6 G/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
MAY CAUSE SEVERE TO MODERATE EYE IRRITATION AND TRANSIENT CORNEAL INJURY. SLIGHTLY IRRITATING TO THE SKIN WITH PROLONGED CONTACT. INGESTION MAY PRODUCE CENTRAL NERVOUS SYSSTEM AND GASTROINTESTINAL DIS TURBANCES. DUE TO LOW VAPOR PRESSURE EXPOSURE BY INHALATION IS MINIMAL UNDER NORMAL HANDLING PROCEDURES.

Explanation Of Carcinogenicity:
THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptoms Of Overexposure:
EYE IRRITATION, TRANSIENT CORNEAL DAMAGE. SKIN:MILD IRRITATION. INGESTION:GI &/OR CNS DISTURBANCES. INHALATION: RESPIRATORY IRRITATION IF MIST IS INHALED.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION. EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM CONTAMINAT ED AREA. AID OR RESTORE BREATHING AS NEEDED. INGESTED:NOTHING BY MOUTH IF UNCONSCIOUS. GIVE SEVERAL GLASSES OF WATER & INDUCE VOMITING. KEEP AIRWAY CLEAR. GET IMMEDIATE MEDICAL ATTENTION.

Spill Release Procedures:
USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT MEASURES DURING CLEANUP. CONTAIN SPILL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS. RECOVER LIQUID FOR REUSE OR RECLAMATION. CONSULT APPR OPRIATE AUTHORITIES.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISCARDED MATERIAL IS NOT A RCRA HAZAARDOUS WASTE. DISPOSE OF RECOVERED, NONUSABLE PRODUCT AND MATERIAL USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL.

Handling And Storage Precautions:
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOR AND MIST. STORE INA COOL, DRY, WELL VENTILATED AREA. PREVENT CONTACT WITH OXIDIZERS.

Other Precautions:
KEEP AWAY FROM HEAT AND FLAME. KEEP CONTAINERS TIGHTLY CLOSED. KEEP CONTAINERS TIGHTLY CLOSED.

Fire and Explosion Hazard Information

Flash Point Method:
PMCC

Flash Point:

Flash Point Text:
>250F,>121C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
NOT GIVEN

Upper Limits:
NOT GIVEN 5

Extinguishing Media:
USE WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:
USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS. WEAR FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:
V6

NRC/State LIC No:
NONE

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>450F,>232C

Melt/Freeze Pt:

M.P/F.P Text:
<-58F,<-50C

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
NOT GIVEN

Vapor Density:
NOT GIVEN

Volatile Org Content %:

Spec Gravity:
1.05

VOC Pounds/Gallon:

PH: 8.5-10

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT GIVEN

Solubility In Water:
SOLUBLE 6

Appearance and Odor:
AMBER COLOR CLEAR LIQUID, MILD ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:
AVOID CONTACT W/STRONG OXIDIZERS &HIGH OXYGEN CONCENTRATIONS.

Hazardous Decomposition Products:
INCOMPLETE COMBUSTION CAN GENERATE CARBON MONOXIDE AND/OR OXYGENATED HYDROCARBONS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE. WILL NOT OCCUR.

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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