

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9005-07-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

9005-07-6

Code:

M

RTECS:**Code:**

X

Name:

POLYETHYLENE GLYCOL

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

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

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH APPROVED ORGANIC VAPOR CARTRIDGE OR SCBA WHEN EXPOSURE LIKELY.

Ventilation:

USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL.

Protective Gloves:

IMPERVIOUS GLVD

Eye Protection:

SAFETY/CHEM GOGGLES

Other Protective Equipment:

Equipment WEAR RUBBER APRON. 6

Work Hygienic Practices:

N/P

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

ORAL RAT LD50 >5000 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO 4

Health Hazards Acute And Chronic:

N/P

Explanation Of Carcinogenicity:

ETHYLENE OXIDE IS REQUIRED TO BE LISTED BY CALIFORNIA PROP 65. IT IS PRESENT IN LESS THAN 10 PPM.

Signs And Symptoms Of Overexposure:

EYES/NOSE/THROAT:EXPOSURE TO HI-CONC OF ISOPROPYL ALCH, MAY CAUSE IRRITAT.,DROWNESS,HEADACHE, ETC.

Medical Cond Aggravated By Exposure:

SKIN & RESPIRATORY PROBLEMS MAY BE AGGRAVATED.

First Aid:

EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE.

INHALED:REMOVE FROM EXPOSURE. INGESTED:GIVE LARGE QUANTITY OF WATER. GET MEDICAL ATTENTIO N.

Spill Release Procedures:

REMOVE ALLIGATION SOURCES. PROVIDE ADEQUATE VENTILATION. ABSORB ONTO SAND OR SIMILAR NON-COMBUSTIBLE MATERIAL. SHOVEL WITH NON-SPARKING TOOLS INTO CLOSEABLE CONTAINER FOR DISPOSAL. WEAR PROTECTV. EQ UIPM. STATED; DONOT FLUSH TO SEWER, OR WATER BODY.

Neutralizing Agent:

NONE

Waste Disposal Methods:

DISPOSE-JAW FEDERAL,STATE & LOCAL REGULATIONS; INCINERATION RECOMMENDED.

Handling And Storage Precautions:

KEEP AWAY FROM HEAT,SPARKS,FLAMES. GROUND CONTAINERS. USE NON-SPARKING TOOLS. STORE TIGHTLY CLOSED IN A COOL,WELL VENTILATED AREA.

Other Precautions:

DO NOT CUT,WELD,ETC. EMPTY DRUMS. 5

Fire and Explosion Hazard Information

Flash Point Method:

COC

Flash Point:**Flash Point Text:**

92F/33.3C

Autoignition Temp:**Autoignition Temp Text:**

>715F

Lower Limits:

12.7(ALKOHOL)

Upper Limits:

2.0(ALKOHOL)

Extinguishing Media:

CARBON DIOXIDE,DRY CHEM,ALCOHOL FOAM;WATER MAYBE INEFFECTVE

Fire Fighting Procedures:

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:

DECOMPOSITION & COMBUSTION PRODUCTS MAYBE TOXIC.ISOPROPYL ALCH IS AN OSHA CLASS 1B FLAM LIQ.

Physical/Chemical Properties

HCC:

F3

NRC/State LIC No:

N/R

Net Prop WT For Amno:**Boiling Point:**

-83,- 181.4F

B.P. Text:**M.P./F.P. Text:****Decomp Temp:****Decomp Text:**

UNKNOWN

Vapor Pres:

33

Vapor Density:

2.1

Volatile Org Content %:**Spec Gravity:**

N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:**Viscosity:**

190 CS @ 68F

Evaporation Rate & Reference:

(BUAC -1), 2.7

Solubility in Water:

SOLUBLE

Appearance and Odor:

PALE STRAW-COLORED LIQUID; SIMILAR TO RUBBING ALC

Percent Volatiles by Volume:

9%

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Materials To Avoid:

STRONG OXIDIZING OR REDUCING AGENTS

Hazardous Decomposition Products:

NORMAL PRODUCTS OF COMBUSTION

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL POLYMERIZE

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

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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