

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-111/111-55-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
111-55-7
Code:
M

RTECS:
KW4025000
Code:
M

Name:
ETHLYENE ACETATE, ETHYLENE GLYCOL DIACETATE

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:
CHEMICAL CARTRIDGE RESPIRATOR

Ventilation:
LOCAL EXHAUST

Protective Gloves:
RUBBER

Eye Protection:
REQUIRED

Other Protective Equipment:
Equipment SUITABLE CLOTHING

Work Hygienic Practices:
N/K

Supplemental Safety and Health:
LD50 INFORMATION GIVEN IS ON 1-METHOXY-2-PROPANLOL. THE LETHAL DOSE OF ETHYLENE GLYCOL, FOR MAN HAS BEEN REPORTED TO BE 100ML ORALLY. PHYSICAL DATA: DENSITY=1.02

Health Hazards Data

LD50LC50Mixture:
ORAL(RAT)LD50: 6.6 G/KG (SEE SUPP)

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYE, SKIN, MUCOUS MEMBRANE, & RESPIRATORY IRRITANT. INGESTION: CENTRAL NERVOUS SYSTEM EFFECTS SIMILAR TO ALCOHOLIC INTOXICATION, COMA, PARALYSIS; EYE, LIVER, & KIDNEY DAMAGE; RESPIRATORY & CARDIAC EFFECTS.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INGESTION: INSOMNIA, NAUSEA, VOMITING, DIARRHEA, FEVER, BLOODY URINE, CONVULSIONS.

Medical Cond Aggravated By Exposure:
SKIN OR RESPIRATORY CONDITIONS

First Aid:
INHALATION: CONSULT PHYSICIAN IF IRRITATION OCCURS. EYES: FLUSH THOROUGHLY W/WATER FOR 15 MINUTES, GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH W/SOAP & WATER. INGESTION: IF CONSCIOUS, GIVE WATER OR MILK TO DILUTE. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
WEAR APPROPRIATE PROTECTIVE EQUIPMENT, CONTAIN SPILL, REMOVE ALL IGNITION SOURCES. COLLECT ONTO INERT ABSORBENT, PLACE IN SUITABLE CONTAINER. RINSE RESIDUAL W/WATER.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF OR INCINERATE IN COMPLIANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE IN ORIGINAL CONTAINER. KEEP TIGHTLY SEALED. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING W/PRODUCT.

Other Precautions:
N/K 3

Fire and Explosion Hazard Information

Flash Point Method:
CC

Flash Point:

Flash Point Text:
122 F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1%

Upper Limits:
9.8%

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

Fire Fighting Procedures:
USE SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K 4

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
>1

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SLOWER THAN ETHER

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR SOLUTION; SOLVENT ODOR

Percent Volatiles by Volume:
98

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
FIRE

Materials To Avoid:
OXIDIZING AGENTS

Hazardous Decomposition Products:
OXIDES OF CARBON

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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