

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-227/2272-11-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
2272-11-9
Code:
M
RTECS:
Code:
X
Name:
MONOETHANOLAMINE
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:
N/A
Ventilation:
N/A
Protective Gloves:
N/A
Eye Protection:
SPASH GOGGLES.
Other Protective Equipment:
Equipment N/A
Work Hygienic Practices:
N/A
Supplemental Safety and Health:
N/A

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS 1.2 ML/KG
Route Of Entry Inds - Inhalation:
NO
Skin:
NO
Ingestion:
NO
Carcinogenicity Inds - NTP:
NO
IARC:
NO
OSHA:
NO
Health Hazards Acute And Chronic:
NONE SPECIFIED BY MANUFACTURER.
Explanation Of Carcinogenicity:
NOT ACRCINOGENIC. 4
Signs And Symptions Of Overexposure:
HIGH CONCENTRATIONS OR PROLONGED EXPOSURE CAN CAUSE HEADACHE, DIZZINESS, NAUSEA AND VOMITING.
Medical Cond Aggravated By Exposure:
PRE-EXISTING SKIN AND EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.
First Aid:
FLUSH AREAS WITH WATER. INDUCE VOMITING IF INGESTED.
Spill Release Procedures:
FLUSH TO DRAIN WITH WATER.
Neutralizing Agent:
N/R
Waste Disposal Methods:
BIODEGRADABLE - WATER SOLUBLE.
Handling And Storage Precautions:
NONE NECESSARY BEYOND NORMAL GOOD HANDLING PRACTICES.
Other Precautions:
NONE

Fire and Explosion Hazard Information

Flash Point Method:
PMCC
Flash Point:
Flash Point Text:
334F,168C
Autoignition Temp:
Autoignition Temp Text:
N/K
Lower Limits:
N/K
Upper Limits:
N/K
Extinguishing Media:
5 USE WATER SPRAY, DRY CHEMICAL OR CARBON DIOXIDE.
Fire Fighting Procedures:
NONE.
Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:
N1
NRC/State LIC No:
N/R
Net Prop WT For Ammo:
6
Boiling Point:
B.P. Text:
450F,232C
Melt/Freeze Pt:
M.P/F.P Text:
42-48
Decomp Temp:
Decomp Text:
N/K
Vapor Pres:
NIL
Vapor Density:
15
Volatile Org Content %:
Spec Gravity:
0.99
VOC Pounds/Gallon:
PH: N/K
VOC Grams/Liter:
Viscosity:
N/K
Evaporation Rate & Reference:
N/A
Solubility in Water:
COMPLETE; MAY GEL
Appearance and Odor:
VISCIOUS LIQUID; MILD ODOR.
Percent Volatiles by Volume:
N/K
Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES
Stability Condition To Avoid:
RXCESSIVE HEAT OR FLAMES.
Materials To Avoid:
OXIDIZERS. DO NOT USE WITH ALUMINUM EQUIPMENT AT TEMPERATURES ABOVE 120F.
Hazardous Decomposition Products:
MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS IN BLACK SMOKE.
Hazardous Polymerization Indicator:
NO
Conditions To Avoid Polymerization:
N/A

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