

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-141/141-43-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
141-43-5

Code:
M

RTECS:
KJ5775000

Code:
M

Name:
ETHANOLAMINE

Other REC Limits:
N/P

OSHA PEL:
3 PPM/6 STEL

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
3 PPM/6 STEL; 9192

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPRVD RESP PROTECTION IF TLV EXCEEDED

Ventilation:
LOCAL EXHAUST-YES MECHANICAL-YES

Protective Gloves:
IMPERVIOUS

Eye Protection:
CHEM.GOGS OR FACE SHIELD

Other Protective Equipment:
Equipment APRON OR PROTECTIVE CLOTHING

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
PRODUCT ALSO CONTAINS APPROX 1% MIXED TERPENE ALCOHOLS & HYDROCARBONS;APPROX 1% ETHOXYLATED OCTYL PHENOL:APPROX 1% ETHOXYLATED NONYL PHENOL;LESS THAN 1% WATER.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/P

Explanation Of Carcinogenicity:
N/P

Signs And Symptoms Of Overexposure:
SKIN IRRITATION. EYE IRRITATN & BURNING SENSATION. INHALATION:CONFUSION, HEADACHE, DIZZINESS.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
SKIN:FLUSH W/PLENTY OF WATER AT LEAST 15 MIN. EYE:IMMEDIATELY FLUSH W/WATER AT LEAST 15 MIN: ENSURE WATER CONTACT W/ENTIRE SURFACE OF EYE & LID. INHALATION:REMOVE TO FRESH AIR; GIVE O*2 IF BREATHING I S DIFFICULT. KEEP WARM. CALL MD.
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Spill Release Procedures:
COVER W/INERT ABSORBENT MATERIAL, SWEEP UP, AND PLACE IN SUITABLE CONTAINER. FLUSH AREA WELL W/WATER

Neutralizing Agent:
N/P

Waste Disposal Methods:
MATERIAL COLLECTED ON ABSORBENT MATERIAL MAY BE DEPOSITED IN A POSTED TOXIC SUBSTANCE LANDFILL IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:
KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, DRY LOCATION.

Other Precautions:
KEEP FROM FREEZING.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
160 F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1.0

Upper Limits:
8.0

Extinguishing Media:
FOAM, ALCOHOL FOAM, CO*2, DRY CHEMICAL

Fire Fighting Procedures:
WATER UNSUITABLE EXCEPT AS A COOLING MEDIUM.

Unusual Fire/Explosion Hazard:
N/P

Physical/Chemical Properties

HCC:
V4

NRC/State LIC No:
N/A

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
APPROX 220F

Melt /Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/P

Vapor Density:
N/P

Volatile Org Content %:

Spec Gravity:
0.86 6

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
SLIGHT

Appearance and Odor:
CLEAR, AMBER LIQUID

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
SOURCES OF IGNITION, TEMPERATURES > FLASH POINT

Materials To Avoid:
STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:
CO*2

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/P

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