

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

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH/MSHA APPROVED 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 NYLON PHENOL; LESS THAN 1% WATER.

Health Hazards Data

LD50/LC50 Mixture:

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 IRRITATION & 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 O₂ IF BREATHING IS 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, CO₂, 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

Decom Temp:

Decomp Text:

N/A

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:

CO₂

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/P

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Other Information

Other Information:

N/P

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