

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-95/95-38-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

95-38-5

**Code:**

M

**RTECS:**

NJ2800000

**Code:**

M

**Name:**

1-HYDROXYETHYL, 2-HEPTADECYL IMADAZOLINE, CAS # 9

**Other REC Limits:**

N/P

**OSHA PEL:**

N/P

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

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

5 NORMALLY N/R - IF TLV EXCEEDED, WEAR NIOSH APPROVED SCBA.

**Ventilation:**

PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN

**Protective Gloves:**

SOLV.RESISTANT

**Eye Protection:**

GOOGLES/FACE SHIELD

**Other Protective Equipment:**

Equipment APRON

**Work Hygienic Practices:**

N/P

**Supplemental Safety and Health:**

MSDS DATED AUGUST 1986

## 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:**

EYE:IRR;SKIN:IRR,DRY,DERMAT;INH:RESP/LUNG IRR,HEAD,NAUSEA,DIZZ;ING:GASTRIC DISTURB,NAUSEA,LUNG IRR.

**Medical Cond Aggravated By Exposure:**

N/P

**First Aid:**

INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

**Spill Release Procedures:**

REMOVE IGNITION SOURCES, VENTILATE AREA WELL. ABSORB WITH VERMICULITE OR OTHER MATERIALS, SUCH AS SAWDUST, RAGS, PAPER & PLACE IN CLOSED CONTAINER. USE NON SPARKING 4 TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT DURING CLEAN UP.

**Neutralizing Agent:**

N/P

**Waste Disposal Methods:**

KEEP IN COVERED DRUMS, PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS.

**Handling And Storage Precautions:**

STORE IN COOL, DRY WELL VENTED LOW FIRE RISK AREA. PROTECT FROM HEAT, SHOCK, FRICTION. KEEP CONTAINERS CLOSED.

**Other Precautions:**

STORE AWAY FROM OXIDIZERS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

100F, 38C

**Autoignition Temp:****Autoignition Temp Text:**

N/K

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

FOAM, CO<sub>2</sub>, DRY CHEMICAL

**Fire Fighting Procedures:**

WEAR CHEM PROT. SUIT WITH SCBA. COOL CONTRS WITH H<sub>2</sub>O.

**Unusual Fire/Explosion Hazard:**

SPRAY CANS UNDER PRESS. AT ELEV TEMPS, CONTAINERS MAY VENT, RUPTURE OR BURST, EVEN VIOLENTLY.

## Physical/Chemical Properties

**HCC:**

F4

**NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

>300F, 149C

**Melt/Freeze Pt:****M.P./F.P. Text:**

N/A

**Decomp Temp:****Decomp Text:**

N/A

**N/A or Pres:****N/A or Pres Text:**

N/K

**Upper Limits:****Upper Text:**

N/K

**Extinguishing Media:**

FOAM, CO<sub>2</sub>, DRY CHEMICAL

**Fire Fighting Procedures:**

WEAR CHEM PROT. SUIT WITH SCBA. COOL CONTRS WITH H<sub>2</sub>O.

**Unusual Fire/Explosion Hazard:**

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## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HIGH TEMPS

**Materials To Avoid:**

ACIDS, OXIDIZERS

**Hazardous Decomposition Products:**

NORMAL PROD OF COMB, SMOKE, CO, CO<sub>2</sub>, NITROGEN OXIDES.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/R

## 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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