

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-280/280-57-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
280-57-9
Code:
M

RTECS:
HM0354200
Code:
M

Name:
TRIETHYLENE DIAMINE (MFR RECM TLV OF 1.0 PPM)

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:

Code:
3

ACGIH TLV:
N/P
Code:

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPRVD RESP EQUIP.

Ventilation:
LOCAL EXHAUST & MECH EXHAUST RECN BY MFR

Protective Gloves:
5 RUBBER

Eye Protection:
CHEM WORKER S GOGGLES

Other Protective Equipment:
Equipment CLEAN,WATERPROOF OR FRESHLY LAUNDERED PROTECTIVE CLOTHING.

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
DOT CATEGORY: COMBUSTIBLE. VAPOR PRESSURE VASED ON A SINGLE COMPONENT: 0.4 AT 20C. WT PER GAL: 8.17 LB.KEY1:F8

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 Symptions Of Overexposure:
SKIN IRRITANT,SENSITIZER, IRRIT TO MUCOUS MEMBRANE. MAY CAUSE EYE IRRIT W/TEARING

Medical Cond Aggravated By Exposure:
N/P

First Aid:
IN CASE OF SKIN CONTACT , WASH W/SOAP & WATER.CALL PHYSICIAN IF NECESSARY.

Spill Release Procedures:
CONTROL & COLLECT TO PREVENT POLLUTION OF WATERWAYS.DO NOT SEWER.CLEAN W/A CLOTH OR OTHER ABSORBENT MATERIAL.

Neutralizing Agent:
N/P

Waste Disposal Methods:
4 MFR RECM INCINERATE, BURY OR LANDFILL IAW FED.,STATE & LOCAL CODES.

Handling And Storage Precautions:
STORE IN COOL PLACE AWAY FROM SPARKS & OPEN FLAME.AVOID CONTACT W/EYES , SKIN, & CLOTHING.

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
155F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1.0

Upper Limits:

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

Fire Fighting Procedures:
WEAR SELF-CONT BRTHNG APPAR W/NORMAL PROTECTIVE CLOTHING

Unusual Fire/Explosion Hazard:
TREAT AS COMBUSTIBLE LIQ. TOXIC GASES MAY OCCUR AS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:
V4

NRC/State LIC No:
N?A

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/P

Vapor Density:
>1.0

Volatile Org Content %:

Spec Gravity:
N/P

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SLOWER THAN ETHER

Solubility in Water:
N/P

Appearance and Odor:
6

Percent Volatiles by Volume:
35

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
TEMP ABOVE 160 F

Materials To Avoid:
STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, STRONG BASES

Hazardous Decomposition Products:
ANILINE,CO,DORMALDEYHDE,OXIDES OF NITROGEN.

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