

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-111/111-42-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
111-42-2
Code:
M

RTECS:
KL2975000
Code:
M 2

Name:
DIETHANOLAMINE (SARA III)

Other REC Limits:
N/R

OSHA PEL:
3 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
3 PPM; 9192
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA APPROVED PROPER TYPE RESPIRATOR OR SCBA

Ventilation:
MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

Protective Gloves:
RUBBER

Eye Protection:
SAFETY/CHEM GOGGLES

Other Protective Equipment:
Equipment FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY TRACT;REDNESS OF EYES,SWELLING OF THE CONJUNCTIVA;INGESTION MAY CAUSE NAUSEA,VOMITING,DIARRHEA,DIZZINESS,DROWSINESS. CHRONIC:KIDNEY AND LIVER DAMAGE,DERMATIT IS.

Explanation Of Carcinogenicity:
SECONDARY & TERTIARY AMINES MAY REACT WITH NITRITES TO FORM NIROSAMINES,A SUSPECTED CARCINOGEN IN LAB ANIMALS.

Signs And Symptions Of Overexposure:
NONE KNOWN, EXCEPT SKIN IRRIT, CAUSE MODERATELY EYE INJURY - SEVERE. INH: VAPORS IRRIT.

Medical Cond Aggravated By Exposure:
POSSIBLE DERMATITIS.

First Aid:
SWALLOWING: 2 GLASSES OF H*2O, INDUCE VOMIT. SKIN: WASH W/SOAP & WATER. INH: NO EMERGENCY CARE ANTICIPATED. EYES: FLUSH W/WATER AT LEAST 15 MIN, CALL MD. 3

Spill Release Procedures:
COLLECT FOR DISPOSAL IN APPRVD STG CNTNR

Neutralizing Agent:
N/P

Waste Disposal Methods:
INCINERATE IN FURNACE WHERE PERMITTED UNDER APPROPRIATE FED, STATE, LOCAL REG

Handling And Storage Precautions:
AVOID CNTCT W/EYES/SKIN/CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:
DO NOT BREATHE VAPORS.AVOID CONTACT WITH EYES AND SKIN.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
400F/204C (C.O.C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1.3

Upper Limits:
8.5

Extinguishing Media:
WATER SPRAY, CO*2, DRY CHEM, ALCOHOL FOAM

Fire Fighting Procedures:
USE SUPP BRTHING AIR & PROT CLOTHING. USE WATER W/CARE

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
B3

NRC/State LIC No:
N/K

Net Prop WT For Ammo:

Boiling Point:
=335.6C, 636.F

B.P. Text:
636F/335.4C

Melt /Freeze Pt:
=21.7C, 71.F

M.P/F.P Text:
71F/22C FREEZING POINT

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
<0.01MMHG

Vapor Density:
5.1

Volatile Org Content %:

Spec Gravity:
1.126 5

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:

Solubility in Water:
COMPLETE

Appearance and Odor:
NEARLY WATER-WHITE LIQ, AMMONIACAL ODOR.

Percent Volatiles by Volume:
NIL

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
STRONG MINERAL ACIDS;OXIDIZING AGENTS,ANO*3,OZONE,LIQ O*2

Hazardous Decomposition Products:
CO CO*2, NITROGEN OXIDES

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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