

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-196/1965-29-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1965-29-3
Code:
M

RTECS:
IE1575000
Code:
M

Name:
2 HYDROXYETHYL DIETHYLENETRIAMINE

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH APPROVED RESPIRATOR IF TLV IS EXCEEDED/W/LIMITED VENTILATION.

Ventilation:
LOCAL EXHAUST TO CONTROL VAPOR/DUST LEVELS TO BELOW RECOMMENDED LIMITS.

Protective Gloves:
IMPERVIOUS RUBBER

Eye Protection:
CHEMICAL SAFETY GOGGLES

Other Protective Equipment:
Equipment EYE WASH, PROTECTIVE CLOTHING, RUBBER APRON

Work Hygienic Practices:
GOOD PERSONAL HYGIENE TO BE FOLLOWED AT ALL TIMES.

Supplemental Safety and Health:
ORAL LD50 IS FOR 2 HYDROXYTHEYL DIETHYLENETRIAMINE 3

Health Hazards Data

LD50LC50Mixture:
ORAL LD50(RAT): 4630 MG/KG (SEE SUPP)

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: SEVERE IRRITANT/CORROSIVE/CHEMICAL BURNS W/PERMANENT CORNEAL INJURY/BLINDNESS. SKIN: SEVERE IRRITATNT/CORROSIVE/CHEMICAL BURNS. INHALATION: IRRITATION OF RESPIRATORY TRACT. INGESTION: IRRITATION /BURNS OF MOUTH/THROAT & STOMACH. MATERIAL ASPIRATED INTO THE LUNGS MAY CAUSE CHEMICAL PNEUMONITIS.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION, BURNS, BLISTERS, HEADACHE, NAUSEA, VOMTING, ABDOMINAL PAIN & COLLAPSE

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NECESSARY. INGESTION: DON'T INDUCE VOMITING. ASPIRATION HAZARD. GIVE WATER/MI LK IF CONSCIOUS & NOT DROWSY. SHOULD VOMITING OCCUR, KEEP VICTIM'S HEAD BELOW HIPS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
VENTILATE AREA, ELIMINATE IGNITION SOURCES. CONTAIN & ABSORB W/INERT MATERIAL. SWEEP/SHOVEL INTO CONTAINER W/LIDS. COVER LOOSELY & STORE IN A WELL VENTILATED AREA UNTIL DISPOSAL. WASH AREA W/SOAP & WA TER. PREVENT WASHINGS FROM ENTERING WATERWAYS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
2 DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
TIGHTLY RESEAL ALL PARTIALLY USED CONTAINERS. FOR INDUSTRIAL USE ONLY. USE ONLY W/ADEQUATE VENTILATION. AVOID CONTACT W/EYES, SKIN & CLOTHING.

Other Precautions:
AVOID BREATHING VAPOR, DUST, MIST. DON'T TAKE INTERNALLY.

Fire and Explosion Hazard Information

Flash Point Method:
PMCC

Flash Point:

Flash Point Text:
250F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:
WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. USE WATER TO COOL EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:
WATER STREAM DIRECTED INTO FIRE MAY CAUSE FROTHING W/SUBSEQUENT SPREAD OF FIRE. CLOSED CONTAINERS MAY RUPTURE/EXPLODE WHEN EXPOSED TO EXTREME HEAT.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
<1

Volatile Org Content %:

Spec Gravity:
1.01

VOC Pounds/Gallon:

PH: >7

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
SLOWER THAN N-BU AC

Solubility in Water:
APPRECIABLE

Appearance and Odor:
CLEAR THIN YELLOW LIQUID W/AMMONIA ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXTREME HEAT

Materials To Avoid:
STRONG BASES/OXIDANTS. STRONG LEWIS/MINERAL ACIDS.

Hazardous Decomposition Products:
ACRID SMOKE, OXIDES OF CARBON, TOXIC NITROGENOUS OXIDES, AMMONIA.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
REACTION W/EPOXY RESINS IN LARGE AMOUNTS/UNDER UNCONTROLLED CONDITIONS RELEASES CONSIDERABLE HEAT &ACRID FUMES.

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