

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-139/139-41-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
139-41-3

Code:
M

RTECS:
MB9105000

Code:
M

Name:
SODIUM SALT OF N,N-BIS(2-HYDROXYETHYL)GLYCINE, WA

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:
MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:
RUBBER

Eye Protection:
SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:
Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

Health Hazards Data

LD50LC50Mixture:
NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE-SKIN:BURNS,EYES:IRRITATION,INHALATION:MARKED IRRITATION CHRONIC:NONE SPECIFIED BY MANUFACTURER.

Explanation Of Carcinogenicity:
NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:
REDNESS AND POSSIBLE BLISTERING OF SKIN. STINGING AND BURNING TO EYES. MISTING MAY CAUSE MODERATE IRRITATION TO NOSE, THROAT AND LUNG.

Medical Cond Aggravated By Exposure:
NO DATA AVAILABLE.

First Aid:
3 SKIN:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, GET MEDICAL ATTENTION. EYES:FLUSH WITH WATER FOR 15 MINUTES, GET MEDICAL ATTENTION. INHALATION:REMOVE TO FRESH AIR. TREAT SYMTOMATICALLY. INGESTION: D O NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Spill Release Procedures:
WEAR PROPER PROTECTIVE EQUIPMENT. ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.

Neutralizing Agent:
NOT APPLICABLE.

Waste Disposal Methods:
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions:
STORE IN A COOL, DRY, AREA. KEEP AWAY FROM OXIDIZERS. DO NOT STORE IN CONTACT WITH ALUMINUM, ZINC, COPPER, OR THEIR ALLOYS. INSURE GOOD VENTILATION.

Other Precautions:
DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
>200F,>93C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
3

Upper Limits:
23%@140F

Extinguishing Media:
USE WATER FOG, CARBON DIOXIDE, 'ALCOHOL' FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE. 4

Unusual Fire/Explosion Hazard:
FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:
B2

NRC/State LIC No:
N/R

Net Prop WT For Ammo:
5

Boiling Point:
=104.4C, 220.F

B.P. Text:

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
1.1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
COMPLETE

Appearance and Odor:
PRACTICALLY COLORLESS LIQUID, AMMONIACAL ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Materials To Avoid:
STRONG OXIDIZING AGENTS, ALUMINUM AND ZINC

Hazardous Decomposition Products:
MAY PRODUCE NITROGEN OXIDES. IF HEATED >60 C IN PRESENCE OF ALUMINUM, MAY RELEASE FLAMMABLE HYDROGEN GAS.

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