

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-768/76836-02-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
76836-02-7
Code:
M

RTECS:

Code:
X

Name:
1,4-PIPERAZINEDIETHANESULFONIC ACID, DISODIUM SAL

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:
N/K

Ventilation:
N/K

Protective Gloves:
RECOMMENDED

Eye Protection:
RECOMMENDED

Other Protective Equipment:
Equipment STANDARD LABORATORY PROTECTIVE CLOTHING.

Work Hygienic Practices:
N/K

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN/EYES: MAY CAUSE IRRITATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. SKIN: WASH AFFECTED AREAS W/SOAP & WATER FOR A FEW MINS & CONTINUE TO FLUSH AREA W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
ABSORB, WASH AREA W/SOAP & WATER.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
KEEP CONTAINER CLOSED. STORE ACCORDING TO MANUFACTURERS INSTRUCTIONS IN PACKAGE INSERT. 2

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
CO2, DRY CHEMICAL, ALCOHOL, POLYMER FOAM.

Fire Fighting Procedures:
N/K

Unusual Fire/Explosion Hazard:
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:
3

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F

Melt/Freeze Pt:

M.P/F.P Text:
32F

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1.02

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
COLORLESS/ODORLESS LIQUID W/BLACK SOLID

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
TOXIC FUMES OF CO, CO2, NITROGEN &SULFUR OXIDES.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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