

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-314/3148-72-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
3148-72-9

Code:
M

RTECS:
AI2930000

Code:
M

Name:
1,3-DIAMINO-2-PROPANOL TETRAACETIC ACID POTASSIUM

Other REC Limits:

N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE RECOMMENDED BY MFG.

Ventilation:

MECHANICAL (GEN) REQUIRED.

Protective Gloves:

IMPERVIOUS

Eye Protection:

GOOGLES/FACE SHIELD

Other Protective Equipment:

Equipment NON-ALKALINE (ACID) TYPE OF HAND CLEANSER.

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING.

Supplemental Safety and Health:

N/R

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

NO

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

YES

IARC:

N/P

OSHA:

N/P

Health Hazards Acute And Chronic:

SEE SIGNS & SYMPTOMS OF OVEREXPOSURE.

Explanation Of Carcinogenicity:

4 NTP LISTS NITRILOTRIACETIC ACID AS REASONABLY ANTICIPATED TO BE CARCINOGENIC.

Signs And Symptoms Of Overexposure:

EYES: BURNS; SKIN: IRRITATION, ALLERGIC REACTION; INHALATION: LOW HAZARD; INGESTION: IRRITATION.

Medical Cond Aggravated By Exposure:

NONE NOTED.

First Aid:

IMMED FLUSH EYES W/ PLENTY OF WATER FOR 15 MIN & GET MED ATTN. SKIN: IMMED FLUSH SKIN W/ SOAP & WATER. IF ALLERGIC SKIN REACT, GET MED ATTN RMV CONTAMINATED CLOTHG & LAUNDER BEFORE REUSE, TREAT AS ALKALINE SOLUTION.

Spill Release Procedures:

FLUSH MATERIAL TO ACID-FREE SEWER W/ LG AMT OF WATER.

Neutralizing Agent:

5% ACETIC ACID

Waste Disposal Methods:

DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE, OR LOCAL LAWS.

Handling And Storage Precautions:

KEEP CONTAINER TIGHTLY CLOSED & AWAY FROM ACIDS.

Other Precautions:

N/R

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/R

Flash Point Text:

NONE

Autoignition Temp:

N/R

Autoignition Temp Text:

N/R

Lower Limits:

NONE

Upper Limits:

NONE 5

Extinguishing Media:

APPROPRIATE FOR SURROUNDING FIRE

Fire Fighting Procedures:

WEAR SCBA & PROTECTIVE CLOTHING & EYE WASH.

Unusual Fire/Explosion Hazard:

EXCESS HEAT CAUSES HAZ DECOMP PRODUCTS.

Physical/Chemical Properties

HCC:

6 B1

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

N/R

Boiling Point:

>100°C, 212°F

B.P. Text:

N/R

Melt/Freeze Pt:

N/R

Decomp Text:

N/A

Vapor Pres:

18

Vapor Density:

0.6

Volatile Org Content %:

N/R

Spec Gravity:

1.12

VOC Pounds/Gallon:

N/R

PH:

12.2

VOC Grams/Liter:

N/R

Viscosity:

N/R

Evaporation Rate & Reference:

N/R

Solubility in Water:

COMPLETE

Appearance and Odor:

SLIGHTLY YELLOW SOLUTION, ODORLESS

Percent Volatiles by Volume:

85%

Corrosion Rate:

N/P

Conditions To Avoid Polymerization:

N/R

Reactivity Data

Stability Indicator:

YES

Stability To Avoid:

HEAT, FIRE

Materials To Avoid:

MINERAL ACIDS

Hazardous Decomposition Products:

SULFUR DIOXIDE

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

18

Vapor Density:

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Spec Gravity:

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Viscosity:

N/R

Evaporation Rate & Reference:

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

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