

# 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

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE RECOMMENDED BY MFG.

**Ventilation:**  
MECHANICAL (GEN) REQUIRED.

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
GOGGLES/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

**LD50LC50Mixture:**  
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 Symptions 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 ALKALI NE 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:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**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:**

**Boiling Point:**  
>100.C, 212.F

**B.P. Text:**

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
18

**Vapor Density:**  
0.6

**Volatile Org Content %:**

**Spec Gravity:**  
1.12

**VOC Pounds/Gallon:**

**PH:** 12.2

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
SLIGHTLY YELLOW SOLUTION, ODORLESS

**Percent Volatiles by Volume:**  
85%

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEAT,FIRE

**Materials To Avoid:**  
MINERAL ACIDS

**Hazardous Decomposition Products:**  
SULFUR DIOXIDE

**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



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### WARRANTY

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