

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-616/616-29-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
616-29-5  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
1,3-DIAMINO-2-PROPANOL

**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:**  
NOT REQUIRED

**Ventilation:**  
MECHANICAL (GENERAL) RECOMMENDED

**Protective Gloves:**  
DISPOSABLE LATEX

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment LAB COAT

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING. FOLLOW GOOD LABORATORY PRACTICES. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
N/K 3

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT): 27 MG/KG SODIUM OXIDE

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: IRRITATION. SKIN ABSORPTION/INGESTION OF REAGENTS CONTAINING SODIUM AZIDE MAY CAUSE A DECREASE IN BLOOD PRESSURE.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
IRRITATION, DRYNESS, DEFATTING, SEVERE HEADACHES.

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
EYES: FLUSH W/PLENTY OF WATER. SKIN: FLUSH W/PLENTY OF WATER & WASH AREA W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
ABSORB W/ABSORBENT MATERIAL. PLACE ABSORBENTS INTO SUITABLE LABELED CONTAINER. WASH AREA W/SOAPY WATER & FLUSH WASH TO SEWER W/LARGE AMOUNTS OF WATER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
2 LANDFILL/INCINERATE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
USE PROPER PERSONAL PROTECTIVE EQUIPMENT. KEEP REAGENTS BOTTLES CLOSED WHEN NOT IN USE.

**Other Precautions:**  
AVOID CONTACT W/EYES & SKIN. DON'T EAT, DRINK/SMOKE WHEN HANDLING. DON'T PIPET BY MOUTH, USE MECHANICAL PIPETTING DEVICE.

## 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:**  
USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**  
WEAR SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**  
DISCHARGE OF LARGE AMOUNTS OF SODIUM AZIDE TO LEAD/COPPER SEWER DRAINS COULD PROMOTE BUILDUP OF POTENTIALLY EXPLOSIVE METAL AZIDES.

## 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/R

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** 9

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
CLEAR COLORLESS SOLUTION

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/R

**Materials To Avoid:**  
HEAVY METALS, ACIDS, ACID CHLORIDES

**Hazardous Decomposition Products:**  
TOXIC PRODUCTS FROM THERMAL DECOMPOSITION

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

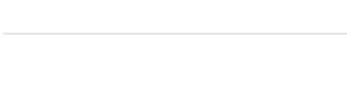
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



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