

# 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

**ACGIH STEL:**

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

**LD50/LC50 Mixture:**

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 Symptoms 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:****NRC/State Lic No:****Net Prop WT For Ammo:**

N/P

**Boiling Point:****B.P. Text:**

N/K

**Melt/Freeze Pt:**

N/P

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

N/R

**Decomp Temp:**

N/P

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:****Spec Gravity:**

N/K

**VOC Grams/Liter:****VOC Pounds/Gallon:****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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