

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-621/621-64-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
621-64-7  
**Code:**  
M

**RTECS:**  
JL9700000  
**Code:**  
M

**Name:**  
N-NITROSODI-N-PROPYLAMINE, DI-N-PROPYLNITROSOAMIN

**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:**  
WEAR NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IF WORKPLACE EXPOSUE LIMIT(S) OF PRODUCT/ANY COMPONENT IS EXCEEDED.

**Ventilation:**  
MUST BE HANDLED/TRANSFERRED IN AN APPROVED FUME HOOD/W/EQUIVALENT VENTILATION.

**Protective Gloves:**  
VITON/POLYVINYL ALCOHOL

**Eye Protection:**  
SAFETY GLASSES W/SIDE SHIELDS

**Other Protective Equipment:**  
Equipment EYE WASH &SAFETY EQUIPMENT

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**  
HEALTH HAZARDS CONT'D: EXCESSIVE EXPOSURE MAY CAUSE BLOOD DEFECTS. CAN AFFECT LIVER, KIDNEYS & CNS. THIS IS ONE STANDARD W/49 INGREDIENTS LISTED IN PART A & B.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
YES

**IARC:**  
YES

**OSHA:**  
YES

**Health Hazards Acute And Chronic:**  
INHALATION: TOXIC. MUCOUS MEMBRANE IRRITATION, IRREGULAR HEARTBEATS, DEATH. INGESTION: TOXIC. GI TRACT IRRITATION. IF VOMITING OCCURS, METHYLENE CHLORIDE CAN BE ASPIRATED INTO LUNGS WHICH CAN CAUSE CH EMICAL PNEUMONIA & SYSTEMIC EFFECTS. SKIN: IRRITATION. EYES: IRRITATION & INJURY. (SEE SUPP)

**Explanation Of Carcinogenicity:**  
SEE INGREDIENTS

**Signs And Symptions Of Overexposure:**  
IRRITATION, DIZZINESS, NAUSEA, HEADACHE, NARCOSIS, COMA.

**Medical Cond Aggravated By Exposure:**  
HEART, KIDNEY & LIVER CONDITIONS.

**First Aid:**  
SKIN: WASH THOROUGHLY W/SOAP & WATER. EYES: IMMEDIATELY FLUSH THOROUGHLY W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS SPED. INGESTION: DON'T IN DUCE VOMITING. ASPIRATION HAZARD. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
WEAR SUITABLE PROTECTIVE EQUIPMENT. REMOVE ALL IGNITION SOURCES. CONTAIN & ELIMINATE SOURCE, IF POSSIBLE W/OUT RISK.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF AS HAZARDOUS WASTE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, WELL VENTILATED AREA AWAY FROM OPEN FLAMES.

**Other Precautions:**  
7 DONT BREATH VAPOR/MIST. DONT GET IN EYES, ON SKIN/CLOTHING. DONT TAKE INTERNALLY.

## 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:**  
WATERSPRAY, CO2, DRY CHEMICAL

**Fire Fighting Procedures:**  
WEAR SELF CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**  
FORMS FLAMMABLE VAPOR-AIR MIXUTRES ABOVE AMBIENT TEMPERATURE.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**  
8

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

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

**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:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
COLORLESS LIQUID W/ETHER LIKE ODOR.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
OPEN FLAME, WELDING ARCS, HOT SURFACES, OTHER IGNITION SOURCES.

**Materials To Avoid:**  
BASES, OXIDIZERS, ALKALI METALS, ALUMINUM/MAGNESIUM POWDER, SODIUM, POTASSIUM, LITHIUM.

**Hazardous Decomposition Products:**  
HYDROGEN CHLORIDE, PHOSGENE, CHLORINE.

**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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