

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-132/1327-44-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
1327-44-2  
**Code:**  
M  
**RTECS:**

**Code:**  
X  
**Name:**  
AMPHIGENE \*93-1\*

**Other REC Limits:**  
N/K

**OSHA PEL:**  
20 MPPCF  
**Code:**  
M

**OSHA STEL:**  
**Code:**

**ACGIH TLV:**  
3 MG/CUM (RESP)  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
AS REQUIRED. SEE OSHA 29CFR 1910.94 FOR APPROVED DUST RESPIRATORS.

**Ventilation:**  
LOCAL & GENERAL: RECOMMENDED

**Protective Gloves:**  
RECOMMENDED

**Eye Protection:**  
RECOMMENDED

**Other Protective Equipment:**  
Equipment HEARING PROTECTION IS NEEDED IN OPERATIONS W/NOISE LEVEL EXCEEDING STATUTORY LIMITS.

**Work Hygienic Practices:**  
8 N/K

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

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: PULMONARY EFFECTS. EYES: IRRITATION. PARTICLES MAY CUT, BURN OR OTHERWISE DAMAGE. SKIN: HOT PARTICLES FROM GRINDING MAY PRODUCE MINOR BURNS. DUST MAY IRRITATE. GRINDING MAY CREATE SOUND & VIBRATION LEVELS THAT COULD AFFECT HEARING & AGGRAVATE CIRCULATORY PROBLEMS IN THE HANDS.

**Explanation Of Carcinogenicity:**  
SEE INGREDIENTS

**Signs And Symptions Of Overexposure:**  
INHALATION: LOSS OF BREATHING CAPACITY.

**Medical Cond Aggravated By Exposure:**  
CIRCULATORY PROBLEMS IN THE HANDS

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. ARTIFICIAL RESPIRATION. EYES: WASH W/PLENTY OF WATER. SKIN: WASH W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
VENTILATE AREA & COLLECT MATERIAL IN MOST CONVENIENT & SAFE MANNER FOR RECLAMATION OR DISPOSAL. 7

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
SECURED SANITARY LANDFILL & IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
SEE ANSI STANDARD B7.1 SAFETY REQUIREMENTS FOR THE USE, CARE & PROTECTION OF ABRASIVE WHEELS.

**Other Precautions:**  
N/K

## 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:**  
WATER

**Fire Fighting Procedures:**  
N/K

**Unusual Fire/Explosion Hazard:**  
N/K

## 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/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
1.5-3.5

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
SLIGHT

**Appearance and Odor:**  
SOLID, RED, BROWN, GRAY TO BLACK, ODORLESS EXCEPT BURNT RUBBER ODOR WHEN IN USE

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXPOSURE TO EXTREMES OF TEMPERATURES &MOISTURE

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
UNKNOWN BUT DUSTS &FUMES ARE GENERATED DURING THE GRINDING PROCESS.

**Hazardous Polymerization Indicator:**  
NO

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

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

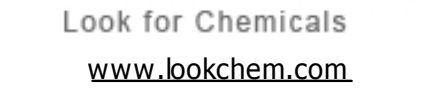
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



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WARRANTY

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