

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/1317-39-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
1317-39-1  
**Code:**  
M

**RTECS:**  
GL8050000  
**Code:**  
M

**Name:**  
CUPROUS OXIDE PIGMENT, TLV FOR COPPER FUME, DUSTS

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P  
**Code:**

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

**ACGIH TLV:**  
1MG/CUM  
**Code:**  
M N/P

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Che  
**Code:**  
2 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
5 SELF-CNTND BRTHNG APPARATUS

**Ventilation:**  
USE LOCAL EXH & MECH

**Protective Gloves:**  
YES

**Eye Protection:**  
YES

**Other Protective Equipment:**  
Equipment N/P

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
PROD ALSO CONTAINS <1% ZINC STEARATE, TLV 5MG/CUM RESP DUST. 4% MAGNESIUM SILICATE, <0.5% ANTISETLING AGENTS. VAP PRESS 10HHMG @27.3C.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
MAY BE IRRIT TO SKIN & UPPER RESP SYSTEM

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

**First Aid:**  
SKIN: WASH THOROUGHLY W/WATER. CALL MD IF NECESSARY. EYES: IMMED FLUSH W/WATER FOR 15 MIN. INH: REMOVE TO FRESH AIR. CALL MD IF NECESSARY. 4

**Spill Release Procedures:**  
FOLLOW GENERAL CLEANING PROCEDURES. SMALL SPILLS MAY BE WASHED AWAY W/WATER, MFR REC.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
RETURN UNUSED MATL TO SUITABLE CNTNR. DISPOSE IAW LOCAL, STATE, FED REG.

**Handling And Storage Precautions:**  
STORE IN COOL, DRY PLACE FREE FROM OPEN FLAMES & PHYSICAL ABUSE W/GOOD VENT.

**Other Precautions:**  
ODOR THRESHOLD NOT ADEQUATE TO WARN OF POTENTIALLY DANGEROUS CONC. SECURE ALL SOURCES OF IGNITION.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
81F PMCC

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.0

**Upper Limits:**  
7.0

**Extinguishing Media:**  
DRY CHEM, ALCOHOL FOAM, CO\*2

**Fire Fighting Procedures:**  
WATER SPRAY USED TO REDUCE RATES OF BURNING & SPREADING

**Unusual Fire/Explosion Hazard:**  
VAPORS CAN TRAVEL CONSIDERABLE DISTANCE & FLASH BACK TO ORIGIN

## Physical/Chemical Properties

**HCC:**  
F4

**NRC/State LIC No:**  
N/A

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
241F

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/P

**Vapor Density:**  
3.66

**Volatile Org Content %:**

**Spec Gravity:**  
1.72

**VOC Pounds/Gallon:**  
6

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**

**Solubility in Water:**  
NEGLIGIBLE

**Appearance and Odor:**  
THICK RED LIQ, NORMAL PETROLEUM ODOR

**Percent Volatiles by Volume:**  
28

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
OPEN FLAMES UNGROUNDED EQUIP

**Materials To Avoid:**  
WATER AQUEOUS SOLUTIONS

**Hazardous Decomposition Products:**  
N/P

**Hazardous Polymerization Indicator:**  
NO

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

## 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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