

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/1317-33-5.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

1317-33-5

### Code:

M

### RTECS:

QA4697000

### Code:

M

### Name:

MOLYBDENUM DISULFIDE

### Other REC Limits:

N/P

### OSHA PEL:

10 MG/M3 TDUST (MO)

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

10 MG/M3 (MO); 8990

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

NONE

### Ventilation:

NONE

### Protective Gloves:

NONE

### Eye Protection:

4 SAFETY GLASSES

### Other Protective Equipment:

Equipment N/P

### Work Hygienic Practices:

N/P

### Supplemental Safety and Health:

N/P

## Health Hazards Data

### LD50/LC50 Mixture:

UNKNOWN

### Route Of Entry Inds - Inhalation:

NO

### Skin:

N/P

### Ingestion:

N/P

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

MAY CAUSE IRRITATION OF EYES AND SKIN. INGESTION: MAY BE HARMFUL. CHRONIC: NONE KNOWN.

### Explanation Of Carcinogenicity:

N/P

### Signs And Symptoms Of Overexposure:

IRRITATION.

### Medical Cond Aggravated By Exposure:

NONE KNOWN

### First Aid:

INHALATION: REMOVE TO FRESH AIR. EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING, DRINK 1-2 GLASSES OF WATER. GET MEDICAL HELP IMMEDIATELY.

### Spill Release Procedures:

KEEP OUT OF STREAMS AND WATERWAYS. COLLECT FREE MATERIAL. ABSORB REMAINDER ON INERT MATERIAL.

### Neutralizing Agent:

N/P

### Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

### Handling And Storage Precautions:

3 KEEP CONTAINERS CLOSED TO PREVENT MOISTURE CONTAMINANTS.

### Other Precautions:

N/P

## Fire and Explosion Hazard Information

### Flash Point Method:

COC

### Flash Point:

N/A

### Flash Point Text:

>400F,>204C

### Autoignition Temp:

N/A

### Autoignition Temp Text:

N/A

### Lower Limits:

N/K

### Upper Limits:

N/K

### Extinguishing Media:

FOAM, DRY CHEMICALS, CARBON DIOXIDE, WATER FOG. WATER STREAM MAY NOT BE EFFECTIVE.

### Fire Fighting Procedures:

FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

### Unusual Fire/Explosion Hazard:

NONE

## Physical/Chemical Properties

### HCC:

V6

### NRC/State LIC No:

N/R

### Net Prop WT For Ammo:

N/A

### Boiling Point:

N/A

### B.P. Text:

>300F,>149C

### Melt/Freeze Pt:

N/A

### Decomp Temp:

N/A

### Decomp Text:

N/A

### Vapor Pres:

<5

### Vapor Density:

N/K

### Volatile Org Content %:

N/A

### Spec Gravity:

2.0

### VOC Pounds/Gallon:

N/A

### PH:

N/P

### VOC Grams/Liter:

N/A

### Viscosity:

N/P

### Evaporation Rate & Reference:

N/K

### Solubility in Water:

N/A

### Appearance and Odor:

GRAYISH TO BLACK POURABLE SLURRY

### Percent Volatiles by Volume:

<2.5

### Corrosion Rate:

N/P

### Conditions To Avoid Polymerization:

N/K

## Reactivity Data

### Stability Indicator:

5 YES

### Stability Condition To Avoid:

N/K

### Materials To Avoid:

N/K

### Hazardous Decomposition Products:

SILICON DIOXIDE, CARBON DIOXIDE, TRACES - INCOMPLETE BURN C PROD

### 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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