

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-743/7439-98-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

7439-98-7

**Code:**

M

**RTECS:**

QA4680000

**Code:**

M

**Name:**

MOLYBDENUM

**Other REC Limits:**

N/R 3

**OSHA PEL:**

15 MG/M3 TDUST

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

10 MG/M3; 9293

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WELDING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

**Ventilation:**

USE ADEQUATE GENERAL VENTILATION & LOCAL EXHAUST AT THE ARC. 10

**Protective Gloves:**

WELDER'S GLOVES

**Eye Protection:**

HELMET/FACE SHEILD WITH FILTER LENS.

**Other Protective Equipment:**

Equipment WEAR PROTECTIVE CLOTHING.

**Work Hygienic Practices:**

N/P

**Supplemental Safety and Health:**

N/P

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE: MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, DRYNESS OR IRRITATION OF NOSE, THROAT OR EYES, TIGHTNESS IN CHEST, FEVER & ALLERGIC REACTIONS. CHRONIC: MAY LEAD TO SIDEROSIS & IS BELIEVED BY SOME INVESTIGATORS TO AFFECT PULMONARY FUNCTION.

**Explanation Of Carcinogenicity:**

CHROMIUM (CR+6) IS LISTED AS CARCINOGENIC.

**Signs And Symptoms Of Overexposure:**

SEE "HEALTH HAZARDS".

**Medical Cond Aggravated By Exposure:**

N/P

**First Aid:**

REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN, IF BREATHING HAS SPED, APPLY ARTIFICIAL RESPIRATOR; GET MEDICAL HELP.

**Spill Release Procedures:**

SWEEP UP OR SCOOP UP.

**Neutralizing Agent:**

N/P 9

**Waste Disposal Methods:**

DISCARD ANY PRODUCT RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER.

**Handling And Storage Precautions:**

USE EXHAUST SYSTEM TO CLEAR WELDING FUMES.

**Other Precautions:**

N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

N/R

**Flash Point Text:**

N/R

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

NONE

**Fire Fighting Procedures:**

NONE

**Unusual Fire/Explosion Hazard:**

WELDING ARC AND SPARKS CAN IGNITE COMBUSTIBLES AND FLAMMABLES.

## Physical/Chemical Properties

**HCC:**

N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

N/P

**B.P. Text:**

N/P

**Melt/Freeze Pt:**

N/A

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

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Density:**

N/R

**Volatile Org Content %:**

N/A

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/K

**PH:**

N/P

**VOC Grams/Liter:**

N/K

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

N/A

**N/K 11:**

**Appearance and Odor:**

SOLID WIRE OR ROD

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/P

**Neutralizing Agent:**

N/P 9

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**Fire Fighting Procedures:**

NONE

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