

# MATERIAL SAFETY DATA SHEET

24HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

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## SECTION 1 Product Identification

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**CHEMICAL NAME:** Molybdenum pellets  
**CAS#:** 7439-98-7  
**FORMULA:** Mo  
**SYNONYM:** None

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## SECTION 2 Composition and Information on Ingredients

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| INGREDIENT:    | CAS#      | %   | ACGIH (TWA)     | OSHA (PEL)                |
|----------------|-----------|-----|-----------------|---------------------------|
| Title Compound | 7439-98-7 | 100 | 10mg/m3 (as Mo) | 15mg/m3 (as insoluble Mo) |

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW:** Inhalation hazard as a fine dust or fume.  
**PRIMARY ROUTES OF EXPOSURE:** Inhalation (of dust or fume)  
**EYE CONTACT:** The dust may cause slight to mild irritation of the eyes.  
**SKIN CONTACT:** The dust may cause slight to mild irritation of the skin.  
**INHALATION:** Hazard associated with inhalation of fine dust or fume. May be irritating to nasal cavity and respiratory tract.  
**INGESTION:** No specific information is available on the physiological effects of ingestion.  
**CHRONIC HEALTH EFFECTS:** No information available on long-term chronic effects.  
**ACUTE HEALTH EFFECTS:** Dust may be irritating to skin, eyes and respiratory tract.

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## SECTION 4 First Aid Measures

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**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.  
**SKIN EXPOSURE:** Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.  
**INHALATION:** Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.  
**INGESTION:** Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.