



**MATERIAL SAFETY DATA SHEET (MSDS)**  
 MSDS for Molybdenum Oxide

**1, MATERIAL IDENTIFICATION**

Product Name: Molybdenum Oxide  
 Formula: MoO<sub>3</sub>  
 CAS No. : 1313-27-5  
 EINECS No. : 215-204-7  
 Manufacturer: Chinatungsten Online (Xiamen) Manu. & Sales Corp.

**2, INGREDIENTS**

Mo: 52%~57%

**3, HAZARDS DATA**

Primary routes of entry: Inhalation, ingestion, skin or eye contact (for dusts, mists, powder and fume)  
 Carcinogenic assessment: Not listed  
 Explosion risk: Can burn

**4, FIRST AID MEASURES**

Eye contact: If irritation occurs, flush with large amounts of water for at least 15 minutes. If irritation persists, seek medical attention.  
 Skin contact: Wash with soap and water. If irritation or rash occurs, isolate from exposure. If rash persists, seek medical attention.  
 Inhalation: If large amounts of dust are inhaled, move the exposed person to fresh air. If necessary, perform artificial respiration and seek medical attention.  
 Ingestion: If ingested, get medical attention. Give large quantities of water and induce vomiting. Do not make an unconscious person vomit.

**5, FIRE FIGHTING MEASURES**

Hazardous characteristics: Burn when grain size is small enough. Chemical react with oxides.  
 Extinguishing media: Use fire extinguishing agents (dry powder).

**6, ACCIDENTAL RELEASE MEASURES**

Personal precautions: Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment, such as working clothes.  
 Environmental precautions: Avoid dispersal.  
 Methods for cleaning up: Vacuum or sweep up material and place in a designated, labeled waste container.  
 Other: No dangerous goods around.





中钨在线（厦门）科技有限公司  
ChinaTungsten Online (Xiamen) Manu. & Sales Corp.

3F,NO.25 WH RD,XIAMEN SOFTWARE PARK II,FUJIAN,361008 CHINA

## 7, HANDLING AND STORAGE

Precautions: Keep container dry, cool temperature. Keep tightly closed and avoid raising dust.  
Storage sites and storage containers: Keep cool, prevent from high temperature and fire.  
General storage facilities: Separate storage in iron drum.  
Storage conditions: None  
Classified according to the specifications of flammable liquids: None

## 8, EXPOSURE CONTROLS, PERSONAL PROTECTION

Operating facilities should be operated according to the related handling safety.  
The protection of persons and health management: Cannot eat, cannot drink.  
Breathing apparatus: Mist protective equipment required to wear breathing.  
Hand protection: Protect Gloves  
Protection of the body: Special work clothes are acceptable

## 9, PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: Black powder  
Melting Point: 790°C;  
Flash Point: N/A;  
Average Density: 3.25;  
Odor: N/A;  
Color: Yellow/Blue;  
Insolubility: Acid.

## 10, STABILITY AND REACTIVITY

Stability: Greatly chemical react with strong oxides and hydrogen peroxide.

## 11, TOXICOLOGICAL INFORMATION

Skin contact: No contact directly  
Eye contact: No contact directly  
Sensitivity: No contact directly

## 12, ECOLOGICAL INFORMATION

Generally will pollute the water.

## 13, SEA POLLUTION:

None recorded

## 14, OTHERS:

Not included, refer to local, municipal and state laws and regulations.

REGISTRATION NO.: 350203200148826  
VAT REGISTRATION NO.: 350203705441383  
BANK: AGRICULTURAL BANK OF CHINA, XIAMEN BR.  
A/C: 40303014040001427

EMERGENCY CALL: +86 592 512 9595  
DETAILS INFORMATION: www.chiantungsten.com  
ISO 9001:2008 CERTIFICATE NO. 00113Q22863R0S/3502  
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**15, THE SUPPLIER'S INFORMATION**

Supplier's Name : Chinatungsten Online (Xiamen) Manu. & Sales Corp.  
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**16, EMERGENCY INFORMATION**

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