



## MATERIAL SAFETY DATA SHEET (MSDS)

### MSDS for Spherical Tungsten Powder



#### 1, MATERIAL IDENTIFICATION

Product Name: Spherical Tungsten Powder  
CAS NO.: 7440-33-7  
Manufacturer: Chintungsten Online (Xiamen) Manu. & Sales Corp.  
Issuing Date: JUNE 1, 2021

#### 2, HAZARDS DATA

Primary routes of entry: Inhalation, ingestion, skin or eye contact (for dusts, mists, powder and fume)  
Effects of overexposure: Industrially Tungsten powder does not constitute an important health hazard.  
Exposure is related chiefly to the dust arising out of the crushing and milling operations. Chronic inhalation of the dust may cause lung damage in humans.  
Carcinogenic assessment: Not listed

#### Precautionary Statements

#### Prevention

Keep away from sparks/open flames.  
Wear protective gloves/protective clothing/eye protection/face protection.

#### 3, COMPOSITION/ INFORMATION ON INGREDIENTS

ELEMENT SYMBOL: W

SYNONYMS: Wolfram, high-density tungsten powder

CHEMICAL	CAS #	PERCENT (%)
Tungsten	7440-33-7	100

#### 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

Extinguishing media: Use fire extinguishing agents (dry powder).  
Special procedures: For a powder fire confined to a small area—use a respirator approved for toxic dusts and mists. For a large fire - use self contained breathing apparatus.

#### 6, ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment, such as working clothes.

REGISTRATION NO.: 350203200148826  
VAT REGISTRATION NO.: 350203705441383  
ISO 9001:2008 CERTIFICATE NO. 00119Q31041R2S/3502

EMERGENCY CALL: +86 592 512 9595  
DETAILS INFORMATION: www.chiantungsten.com  
DOC NO. CTOMS-MSDS-8WP/G-00 2016-2020VERSION



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.

## 7, HANDLING AND STORAGE

Precautions: Keep container dry

Storage sites and storage containers: No special method

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: Not required

Eye protection: Not required

Protection of the body: Popular work clothes are acceptable

## 9, PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: Powder

Odor: N/A

Color: grey

Solubility: Insoluble in water.

## 10, STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Strong oxidizing agents and halogens

Decomposition Products: Tungsten Oxide

## 11, TOXICOLOGICAL INFORMATION

Acute Toxicity: Standard Draize test (skin) – rabbit – 500mg / 24h. Standard Draize test (eye) – rabbit 500mg / 24h.

LD50 Intraperitoneal – rat – 5gm/kg, LD50 – rabbit & dog – >20000mg tungsten metal/kg body weight

Carcinogenic Effects: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.

Mutagenic Effects: Not available

Tetratogenic Effects: Not available

Reproductive Effects: Not available.

RTECS: YO7175000

To the best of our knowledge, the toxicological effects of tungsten have not been extensively studied.

## 12, ECOLOGICAL INFORMATION

Generally will not pollute the water.

## 13, SEA POLLUTION: None recorded

## 14, TRANSPORT INFORMATION

REGISTRATION NO.: 350203200148826

VAT REGISTRATION NO.: 350203705441383

ISO 9001:2008 CERTIFICATE NO. 00119Q31041R2S/3502

EMERGENCY CALL: +86 592 512 9595

DETAILS INFORMATION: [www.chiantungsten.com](http://www.chiantungsten.com)

DOC NO. CTOMS-MSDS-8WP/G-00 2016-2020VERSION



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

3F,NO25 WH RD,XIAMEN SOFTWARE PARK II,FUJIAN,361008 CHINA

Hazard Class: None  
Packing Group: None  
Label: No class label assigned.  
Marine Pollutant: No

#### 15, THE SUPPLIER'S INFORMATION

Supplier's Name : Chinatungsten Online (Xiamen) Manu. & Sales Corp.  
Supplier's Address : 3F, No.25 WH RD, Xiamen Software Park II, Fujian, 361008 China  
Supplier's Telephone: +86 5925129696 Supplier's Fax : +86 5925129797  
Supplier's E-mail: info@chinatungsten.com  
Supplier's Website : www.chinatungsten.com

#### 16, EMERGENCY INFORMATION

Telephone: +86 592 512 9595  
Cell phone: +86 13806045308

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.