



CubeSoft Communications  
132 Ch. Des Buttes  
Havre-aux-Maisons, Quebec  
Canada, G4T 5L3

Version 1.0  
Last Revision: November 29, 2022

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name	Thoriated Tungsten Wire, W99/Th1
Product number	W-W99TH1-*
Brand	ElectronTubeStore
CAS No.	39365-75-8

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Laboratory chemicals, Synthesis of substances.
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### 1.3 Details of the supplier of the safety data sheet

Company	CUBESOFT COMMUNICATIONS INC. 132 CH. DES BUTTES HAVRE-AUX-MAISONS QC G4T 5L3 CANADA
Telephone	<a href="tel:+18886554977">+1 888-655-4977</a>
Fax	<a href="tel:+18886554977">+1 888-655-4977</a>

### 1.4 Emergency telephone

Emergency Phone #	<a href="tel:8004249300">800-424-9300</a> CHEMTREC (United States) <a href="tel:+17035273887">+1-703-527-3887</a> CHEMTREC (International) 24 Hours/day; 7 Days/week
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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

## 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Formula	O2Th.W
CAS No.	39365-75-8

No components need to be disclosed according to the applicable regulations.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### If inhaled

After inhalation: Breathe fresh air.

#### In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water, shower.

#### In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

#### If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## **Unsuitable extinguishing media**

For this substance, no limitations of extinguishing agents are given.

### **5.2 Special hazards arising from the substance or mixture**

- Tungsten oxide.
- Metal oxides.
- Not combustible.
- Ambient fire may liberate hazardous vapours.

### **5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

### **5.4 Further information**

Prevent fire extinguishing water from contaminating surface water or the ground water system.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

### **6.2 Environmental precautions**

Do not let product enter drains.

### **6.3 Methods and materials for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### **6.4 Reference to other sections**

For disposal see section 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

For precautions see section 2.2.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Storage conditions**

Tightly closed. Dry.

#### **Storage class**

Storage class (TRGS 510): 13: Non Combustible Solids.

### **7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

#### **Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

Change contaminated clothing. Wash hands after working with substance.

#### **Personal protective equipment**

##### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses.

##### **Skin protection**

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

##### Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested:KCL 741 Dermatril® L

##### Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested:KCL 741 Dermatril® L

##### **Respiratory protection**

Required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

##### **Control of environmental exposure**

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- a. Appearance Form: Wire.
- b. Odor: No data available.
- c. Odor Threshold: No data available.
- d. pH: No data available.
- e. Melting point/freezing point: No data available.
- f. Initial boiling point and boiling range: No data available.
- g. Flash point: Not applicable.
- h. Evaporation rate: No data available.
- i. Flammability (solid, gas): The product is not flammable.
- j. Upper/lower flammability or explosive limits: No data available.
- k. Vapor pressure: No data available.
- l. Vapor density: No data available.
- m. Density: No data available. Relative density: No data available.
- n. Water solubility: No data available.
- o. Partition coefficient (n-octanol/water): No data available.
- p. Autoignition temperature: No data available.
- q. Decomposition temperature: No data available.
- r. Viscosity: No data available.
- s. Explosive properties: No data available.
- t. Oxidizing properties: None.

### 9.2 Other safety information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

### 10.3 Possibility of hazardous reactions

Violent reactions possible with:	Strong oxidizing agents
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### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No data available.

### 10.6 Hazardous decomposition products

In the event of fire: see section 5.

## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

Oral: No data available.

Inhalation: No data available.

Dermal: No data available.

#### **Skin corrosion/irritation**

No data available.

#### **Serious eye damage/eye irritation**

No data available.

#### **Respiratory or skin sensitization**

No data available.

#### **Germ cell mutagenicity**

No data available.

#### **Carcinogenicity**

No data available.

#### **Reproductive toxicity**

No data available.

#### **Specific target organ toxicity - single exposure**

No data available.

#### **Specific target organ toxicity - repeated exposure**

No data available.

#### **Aspiration hazard**

No data available.

### **11.2 Additional Information**

To the best of our knowledge, the chemical, physical, and toxicological properties of this substance/mixture have not been thoroughly investigated.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

No data available.

### **12.2 Persistence and degradability**

No data available.

### **12.3 Bioaccumulative potential**

No data available.

### **12.4 Mobility in soil**

No data available.

### **12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Product Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.