

<a href="#">Vanadium Telluride</a>	<a href="#">Pricing &gt;</a>
<a href="#">Vanadium Telluride Sputtering Target</a>	<a href="#">Pricing &gt;</a>

<b>Linear Formula</b>	VTe <sub>2</sub>
<b>Pubchem CID</b>	118836
<b>MDL Number</b>	N/A
<b>EC No.</b>	252-605-6
<b>IUPAC Name</b>	Ditellanylidenevanadium
<b>Beilstein/Reaxys No.</b>	N/A
<b>SMILES</b>	[Te]=[V]=[Te]
<b>Inchl Identifier</b>	InChI=1S/2Te.V
<b>Inchl Key</b>	OOEISWVDKCZSMS-UHFFFAOYSA-N
<b>Signal Word</b>	N/A
<b>Hazard Statements</b>	N/A
<b>Hazard Codes</b>	N/A
<b>Risk Codes</b>	N/A
<b>Safety Statements</b>	N/A
<b>Transport Information</b>	N/A

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## SAFETY DATA SHEET

Date Accessed: 05/18/2024

Date Revised: 01/15/2022

### SECTION 1. IDENTIFICATION

**Product Identifiers:** All applicable American Elements product codes for CAS #35515-91-4

**Relevant identified uses of the substance:**  
Scientific research and development

Supplier details:  
American Elements  
10884 Weyburn Ave.  
Los Angeles, CA 90024  
Tel: +1 310-208-0551  
Fax: +1 310-208-0351

Emergency telephone number:  
Domestic, North America +1 800-424-9300  
International +1 703-527-3887

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## SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture  
Classification according to Regulation (EC) No 1272/2008  
GHS06 Skull and crossbones  
Acute Tox. 3 H331 Toxic if inhaled.  
GHS07  
Acute Tox. 4 H302 Harmful if swallowed.  
Eye Irrit. 2A H319 Causes serious eye irritation.  
STOT SE 3 H335 May cause respiratory irritation.  
Classification according to Directive 67/548/EEC or Directive 1999/45/EC  
Xn; Harmful  
R20/22: Harmful by inhalation and if swallowed.  
Xi; Irritant  
R36/37: Irritating to eyes and respiratory system.  
Information concerning particular hazards for human and environment:  
N/A  
Hazards not otherwise classified  
No data available  
Label elements  
Labelling according to Regulation (EC) No 1272/2008  
The substance is classified and labeled according to the CLP regulation.  
Hazard pictograms



GHS06  
Signal word  
Danger  
Hazard statements  
H302 Harmful if swallowed.  
H331 Toxic if inhaled.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
Precautionary statements  
P261 Avoid breathing  
dust/fume/gas/mist/vapors/spray.  
P280 Wear protective gloves/protective clothing/eye  
protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with  
water for several minutes. Remove contact lenses, if  
present and easy to do. Continue rinsing.  
P304+P340 IF INHALED: Remove person to fresh air  
and keep comfortable for breathing.

P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.  
WHMIS classification  
D1B - Toxic material causing immediate and serious toxic effects  
D2B - Toxic material causing other toxic effects  
Classification system  
HMIS ratings (scale 0-4)  
(Hazardous Materials Identification System)  
HEALTH  
FIRE  
REACTIVITY  
3  
0  
0  
Health (acute effects) = 3  
Flammability = 0  
Physical Hazard = 0  
Other hazards  
Results of PBT and vPvB assessment  
PBT:  
N/A

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### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name: Vanadium Telluride  
CAS Number: 35515-91-4  
EC Number: 252-605-6  
Molecular Weight: 306.14

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### **SECTION 4. FIRST AID MEASURES**

Eye Contact:  
Flush eyes with large amounts of water for fifteen minutes. Separate eyelids with fingers. If irritation persists, seek medical attention.  
Skin Contact:  
Wash skin with soap and water. If irritation persists, seek medical attention.  
Ingestion:  
Do not induce vomiting. Seek medical attention.  
Inhalation:  
Move to a fresh air environment. Contact a physician if breathing becomes difficult.

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## **SECTION 5. FIREFIGHTING MEASURES**

Flash Point:

Not Available

Explosion Limits:

Lower: Not Available

Upper: Not Available

Autoignition:

Not Available

Extinguishing Media:

Carbon dioxide, dry chemical powder, alcohol-resistant foam or water spray.

Protective Equipment:

Wear self-contained respirator and fully protective impervious suit.

Specific Hazards:

Emits hazardous fumes under fire conditions.

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## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal Protection:

Wear a self-contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use.

Keep unprotected persons away.

Environmental Protection:

Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

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## **SECTION 7. HANDLING AND STORAGE**

Handling:

Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Open and handle container with care. Keep ignition sources away.

Storage:

Store in a tightly closed container in a dry, well-ventilated place.

Storage Temperature:

15-30 °C

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## **SECTION 8. EXPOSURE**

## **CONTROLS/PERSONAL PROTECTION**

Eyes:

Wear appropriate protective eyeglass or chemical safety goggles. Eyewash facility in vicinity.

Skin:

Wear impervious gloves and protective clothing.

Respiratory:

Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced.

Exposure Limits:

Country-USA

Source-ACGIH

Type-TWA

Value-N/A

Country-USA

Source-OSHA

Type-PEL

Value-N/A

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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:

Solid

Odor:

Not Available

Melting Point:

Not Available

Boiling Point:

Not Available

Density:

Not Available

Refractive Index, n<sub>20D</sub>:

Not Available

Viscosity:

Not Available

Solubility in Water:

Insoluble

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## **SECTION 10. STABILITY AND REACTIVITY**

Stability:

Stable under normal temperatures and pressures.

Incompatibility:

Strong oxidizing agents.

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

RTECS Reference:

Not Available

Target Organs:

Not Available

Toxicity Data:

Not Available

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## **SECTION 12. ECOLOGICAL INFORMATION**

Not Available

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.

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## **SECTION 14. TRANSPORT INFORMATION**

DOT Shipping Name: Vanadium Compound N.O.S.

DOT UN Number: UN3285

DOT Hazard Class: 6.1

DOT Packing Group: II

IATA Shipping Name: Vanadium Compound N.O.S.

IATA UN Number: UN3285

IATA Hazard Class: 6.1

IATA Packing Group: II

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## **SECTION 15. REGULATORY INFORMATION**

United States:

Toxic Substance Control Act (TSCA): Listed

Superfund Amendments and Reauthorization Act (SARA 302): Not listed

Superfund Amendments and Reauthorization Act (SARA 313): Not listed

European Union:

European Inventory of Existing Chemical Substances (EINECS): No. 252-605-6

Hazard Codes: Not listed

Risk Statements: Not listed

Safety Statements: Not listed

Canada  
Canadian Domestic Substances List (DSL): Not listed  
Canadian Domestic Substances List (NDSL): Not listed

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## **16. OTHER INFORMATION**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2022 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.

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