

**MATERIAL SAFETY DATA SHEET**

<b>Product Name</b>	<b>TELLURIUM (METAL)</b>
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**1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Trade name :** TELLURIUM (METAL) POWDER

**Product code :** T0015

**Identification of the product :** TELLURIUM (METAL) POWDER

**CAS No :** 13494-80-9

**1.2. Relevant identified uses of the substance or mixture and uses advised against Use :**  
Industrial. For professional use only.

**1.3. Details of the supplier of the safety data sheet**

**Company identification:** CYNOR

National industry, Pipodra GIDC, Surat-394110, Gujarat, India.

**Email:** [cynorlaboratories@gmail.com](mailto:cynorlaboratories@gmail.com) **Mobile No.:** +91 8799070507

**2. Hazards identification -DSD**

**2.1. Classification of the substance or mixture**

**Classification EC 67/548 or EC 1999/45**

**Classification :** T; R25

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)**

**Health hazards :** Acute toxicity, Oral - Category 3 - Danger (CLP : Acute Tox. 3) H301

**2.2. Label elements**

**Labelling EC 67/548 or EC 1999/45 Symbol(s) :**

**T : Toxic**



**R Phrase(s) :** R25 : Toxic if swallowed.

**S Phrase(s) :** S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

**Labelling Regulation EC 1272/2008 (CLP)**

**Hazard pictograms**



**Signal words :** Danger

**Hazard statements :** H301 : Toxic if swallowed.

**Precautionary statements**



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- **Prevention** : P264: Wash thoroughly after handling  
. P270: Do not eat, drink or smoke when using this product.
- **Response** : P301+P310: IF SWALLOWED : Immediately call a POISON CENTER or doctor.
- **Storage** : P405: Store locked up.
- **Disposal considerations** : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

**Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### 3. Composition/information on ingredients

**Substance / Preparation** : TELLURIUM (METAL) POWDER

CAS No :13494-80-9

Substance.

Contains no other components or impurities which will influence the classification of the product.

### 4. First aid measures

#### 4.1. Description of first aid measures

**Inhalation** : Assure fresh air breathing. Allow the victim to rest.

**Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

**Ingestion** : Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Rinse mouth.

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

**Symptoms relating to use** : Swallowing a small quantity of this material will result in serious health hazard.

**4.3. Indication of any immediate medical attention and special treatment needed General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media** : Do not use a heavy water stream.



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**Surrounding fires** : Use water spray or fog for cooling exposed containers.

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

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

### **5.3. Advice for fire-fighters**

**Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.

**Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## **6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures For emergency responders** : Equip cleanup crew with proper protection. Ventilate area.

**For non-emergency personnel** : Evacuate unnecessary personnel.

### **6.2. Environmental precautions**

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### **6.3. Methods and material for containment and cleaning up**

**Clean up methods** : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

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

See section 8. Exposure controls/personal protection

## **7. Handling and storage**

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

**Handling** : Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

**Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.

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

**Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

**Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

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

**Specific end use(s)** : None.

## **8. Exposure controls/personal protection**

### **8.1. Exposure controls**

**Personal protection** : Avoid all unnecessary exposure.

- **Respiratory protection** : Wear approved mask.
- **Hand protection** : Wear protective gloves.
- **Eye protection** : Chemical goggles or safety glasses.
- **Others** : When using, do not eat, drink or smoke.

## **8.2. Control parameters**

**Occupational Exposure Limits** : No data available.

## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

**Physical state at 20 °C** : Solid.

**Odour threshold** : No data available.

**pH value** : Not applicable.

**Melting point [°C]** : 450 °C

**Decomposition point [°C]** : N/A

**Critical temperature [°C]** : N/A

**Auto-ignition temperature [°C]** : N/A

**Flammability (solid, gas)** : N/A

**Flash point [°C]** : N/A

**Boiling point [°C]** : 990 °C

**Initial boiling point [°C]** : N/A

**Final boiling point [°C]** : N/A

**Evaporation rate** : N/A

**Vapour pressure [20°C]** : N/A

**Vapour pressure mm/Hg** : N/A

**Vapour density** : N/A

**Density [g/cm<sup>3</sup>]** : 6,24

**Relative density, gas (air=1)** : N/A

**Relative density, liquid (water=1)** : N/A

**Solubility in water [% weight]** : N/A

**Solubility in water** : N/A

**Log Pow octanol / water at 20°C** : No data available.

**Solubility** : N/A

**Viscosity at 40°C [mm<sup>2</sup>/s]** : N/A

### **9.2. Other information**

**Explosive properties** : N/A

**Explosion limits - upper [%]** : N/A

**Explosion limits - lower [%]** : N/A

**Oxidising properties** : No data available.

## **10. Stability and reactivity**

### **10.1. Reactivity**

Reactivity : Not established.

### **10.2. Chemical stability**

Chemical stability : Stable under recommended storage conditions.

### **10.3. Possibility of hazardous reactions**

Hazardous reactions : Not established.

### **10.4. Conditions to avoid**

Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

### **10.5. Incompatible materials**

Materials to avoid : Strong acids. Strong bases.

### **10.6. Hazardous decomposition products**

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

## **11. Toxicological information**

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

#### **Acute toxicity**

• **Inhalation** : Based on available data, the classification criteria are not met.

• **Dermal** : Based on available data, the classification criteria are not met.

• **Ingestion** : Toxic if swallowed.

**Corrosion** : Based on available data, the classification criteria are not met.

**Irritation** : Based on available data, the classification criteria are not met.

**Sensitization** : Based on available data, the classification criteria are not met.

**Mutagenicity** : Based on available data, the classification criteria are not met.

**Carcinogenicity** : Based on available data, the classification criteria are not met.

**Toxic for reproduction** : Based on available data, the classification criteria are not met.

**STOT-single exposure** : Based on available data, the classification criteria are not met.

**STOT-repeated exposure** : Based on available data, the classification criteria are not met.

**Aspiration hazard** : Based on available data, the classification criteria are not met.

## **12. Ecological information**

### **12.1. Toxicity**

Toxicity information : Not established.

### **12.2. Persistence - degradability Persistence - degradability**

: Biodegradable.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential : Not established.

### **12.4. Mobility in soil**



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**Mobility in soil** : Not established.

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

**Results of PBT and vPvB assessment** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### **12.6. Other adverse effects**

**Environmental precautions** : Avoid release to the environment.

## **13. Disposal considerations**

### **13.1. Waste treatment methods**

**General** : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**Special precautions** : Hazardous waste due to toxicity.

## **14. Transport information**

### **14.1. Land transport (ADR-RID)**

**Proper shipping name** : TOXIC SOLID, INORGANIC, N.O.S.

**UN N°** : 3288

**H.I. nr** : 60

**ADR - Class** : 6.1

**Labelling - Transport** : 6.1 : Toxic substances.

**ADR - Classification code** : T5

**ADR - Group** : III

**ADR - Packing instructions** : P002 R001 LP002

**ADR - Limited Quantity** : 5 KG

**ADR - Tunnel code** : E : Passage forbidden through tunnels of category E.

### **14.2. Sea transport (IMDG) [English only]**

**Proper shipping name** : TOXIC SOLID, INORGANIC, N.O.S.

**UN N°** : 3288

**IMO-IMDG - Class or division** : 6.1 : Toxic substances.

**IMO-IMDG - Packing group** : III

**IMO-IMDG - Packing instructions** : P002 LP02

**IMO-IMDG - Limited quantities** : 5 kg

**IMO-IMDG - Marine pollution** : No

**EMS-Nr** : F-A S-A

### **14.3. Air transport (ICAO-IATA) [English only]**

**Proper shipping name** : TOXIC SOLID, INORGANIC, N.O.S.



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UN N° : 3288

IATA - Class or division : 6.1 : Toxic substances.

IATA - Packing group : III

IATA - Passenger and Cargo Aircraft : ALLOWED

- Passenger and Cargo - Packing : 670

instruction

- Passenger and Cargo - Maximum : 100 kg

Quantity/Packing

IATA - Cargo only : ALLOWED

- Cargo only - Packing instruction : 677

- Cargo only - Maximum Quantity/ : 200 kg

Packing

IATA - Limited Quantities : 10 kg

ERG-Nr : 6L

### 15. Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Safety, health and environmental :** Ensure all national/local regulations are observed.

**regulations/legislation specific for the substance or mixture**

**REACH Restrictions - Annex XVII :** The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV :** The components of this product are not subject to authorization.

### **15.2. Chemical Safety Assessment**

**Chemical Safety Assessment :** It has not been carried out.


### 16. Other information

**Abbreviations and acronyms :** PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative

**Sources of key data used :** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information :** None.

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**End of document**

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