OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

TELLURIUM AAS STANDARD SOLUTION

1000mg/Ltr. Te In Diluted HNO3

MSDS CAS: -

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: TELLURIUM AAS STANDARD SOLUTION 1000mg/L Te IN DILUTED HNO3
CAS#: -
Synonym: Not available.
Chemical Name: Not available.
Chemical Formula: Not available.
Brand : OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
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Section 2: Composition and Information on Ingredients

Substance / Preparation: Preparation.
Hazardous component(s): This product is hazardous.

Substance name	CAS No	Contents
TELLURIUM (METAL) POWDER 99.9%	13494-80-9	> 0.01 < 1 %
Hydrochloric acid	7647-01-0	> 1 < 5 %
Water	7732-18-5	> 75 < 99 %

Section 3: Hazards Identification

Classification of the substance or mixture:

Classification EC 67/548 or EC 1999/45:

Classification: **Xn; R20**
Xi; R36/38

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

Health hazards: Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315

Label elements:

Labelling EC 67/548 or EC 1999/45:

Symbol(s): **Xn : Harmful**
R Phrase(s): **R20 : Harmful by inhalation.**
R36/38: **Irritating to eyes and skin.**
S Phrase(s): **S24 : Avoid contact with skin.**
S26: **In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**
S35: **This material and its container must be disposed of in a safe way.**
S36/37: **Wear suitable protective clothing and gloves.**
S51: **Use only in well-ventilated areas.**
S59: **Refer to manufacturer/supplier for information on recovery/recycling.**
Contains: **AMMONIUM - METAVANADATE 98% - Nitric acid – Water**

Labelling Regulation EC 1272/2008 (CLP):

Signal words: **Warning**
Hazard statements: **H315: Causes skin irritation.**

Precautionary statements:

Prevention: **P280: Wear protective gloves, protective clothing, eye protection, face protection.**
P264: Wash thoroughly after handling.

Response: **P302+P352: IF ON SKIN: Wash with plenty of soap and water.**
P332+P313: If skin irritation occurs: Get medical advice.
P363: Wash contaminated clothing before reuse.

Contains: **AMMONIUM - METAVANADATE 98% - Nitric acid - Water**

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.**

Section 4: First Aid Measures

Description of first aid measures:

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

Skin contact: Wash contaminated clothing before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Specific treatment (see on this label).

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

Ingestion: Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms relating to use: Causes skin irritation.

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).

Section 5: Fire and Explosion Data

Extinguishing media:

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

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

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

Special hazards arising from the substance or mixture:

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

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.

Section 6: Accidental Release Measures

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.

Environmental precautions

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

Methods and material for containment and cleaning up

Clean up methods: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials. Collect spillage.

Reference to other sections

See section 8. Exposure controls/personal protection

Section 7: Handling and Storage

Precautions for safe handling

Handling: Wash thoroughly after handling.

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

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.

Specific end use(s): None.

Section 8: Exposure Controls/Personal Protection

Exposure controls

Personal protection: Avoid all unnecessary exposure.

Respiratory protection: Wear approved mask.

Hand protection: Wear protective gloves.

Skin protection: Wear suitable protective clothing.

Section 8: Exposure Controls/Personal Protection(Continued)

Eye protection: Chemical goggles or safety glasses.
Others: When using, do not eat, drink or smoke.

Control parameters

Occupational Exposure Limits: No data available.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C:	Liquid.
Colour:	Colourless to yellow.
Odour:	Characteristic.
Odour threshold:	No data available.
pH value:	No data available.
Melting point [°C]:	No data available.
Decomposition point [°C]:	No data available.
Critical temperature [°C]:	No data available.
Auto-ignition temperature [°C]:	No data available.
Flammability (solid, gas):	No data available.
Flash point [°C]:	No data available.
Boiling point [°C]:	No data available.
Initial boiling point [°C]:	No data available.
Final boiling point [°C]:	No data available.
Vapour pressure [20°C]:	No data available.
Vapour pressure mm/Hg:	No data available.
Vapour density:	No data available.
Density [g/cm3]:	No data available.
Relative density, liquid (water=1):	No data available.
Solubility in water [% weight]:	Completely miscible
Solubility in water:	No data available.
Log Pow octanol / water at 20°C:	No data available.
Solubility:	Water: Completely miscible
Viscosity at 40°C [mm2/s]:	No data available.

Section 9: Physical and Chemical Properties(Conitnued)

Other information

Explosive properties:	**No data available.**
Explosion limits - upper [%]:	**No data available.**
Explosion limits - lower [%]:	**No data available.**
Oxidising properties:	**No data available.**

Section 10: Stability and Reactivity Data

Reactivity: **no data available**

Chemical stability: **Stable under recommended storage conditions.**

Possibility of hazardous reactions: **no data available**

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

Incompatible materials: **Strong acids. Strong bases.**

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

Section 11: Toxicological Information

Information on toxicological effects

Toxicity information: **The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.**

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:	**Based on available data, the classification criteria are not met.**
Corrosion:	**Based on available data, the classification criteria are not met.**
Irritation:	**Causes skin irritation.**
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.**

Section 11: Toxicological Information(Continued)

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.

Section 12: Ecological Information

Toxicity:
The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

Persistence and degradability: **Biodegradable.**

Bioaccumulative potential: **Not established.**

Mobility in soil: **Not established.**

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.

Other adverse effects: **Avoid release to the environment.**

Section 13: Disposal Considerations

Waste treatment methods:
General: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Section 14: Transport Information

Land transport (ADR-RID)
Proper shipping name : HYDROCHLORIC ACID
UN N° : 1789
ADR – Class : 8 III

Section 14: Transport Information

Sea transport (IMDG) [English only]

Proper shipping name : HYDROCHLORIC ACID.
UN N° : 1789
IMO-IMDG - Class or division: 8: Corrosive substance.
IMO-IMDG - Packing group : III

Air transport (ICAO-IATA) [English only]

Proper shipping name : HYDROCHLORIC ACID.
UN N° : 1789
IATA - Class or division : 8: Corrosive substance.
IATA - Packing group : III

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
Ensure all national/local regulations are observed.

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.

Chemical Safety Assessment: It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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