OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

TUNGSTEN AAS STANDARD SOLUTION
1000 ± 2 mg/Ltr. W In Diluted HNO^3
MSDS CAS:

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: TUNGSTEN AAS STANDARD SOLUTION
1000 ± 2 mg/Ltr. W In Diluted HNO^3
CAS No: -
Synonym: Not available.
Chemical Name: Not available.
Chemical Formula: -
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,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS No	% by Weight
WATER AR	7732-18-5	96.9%
HYDROFLUORIC ACID 40% AR	7664-39-3	2%
NITRIC ACID	7697-37-2	1%
TUNGSTEN POWDER Extra Pure	7440-33-7	0.1%

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of ingestion, of inhalation. Hazardous in case of skin contact (irritant), of eye contact (irritant).

Potential Chronic Health Effects:

Very hazardous in case of ingestion, of inhalation. Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant). CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

Section 4: First Aid Measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact : Wash skin with plenty of water.

If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. If you feel unwell, seek medical advice.

Most important symptoms and effects, both acute and delayed:

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5: Fire and Explosion Data

Suitable extinguishing media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO_2).

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

Special hazards arising from the substance or mixture: No additional information available

Advice for firefighters:

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

Section 6: Accidental Release Measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.

Storage:

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Control parameters: No additional information available.
Exposure controls:
Hand protection : protective gloves
Eye protection : Chemical goggles or safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : Wear respiratory protection.

Section 9: Physical and Chemical Properties

Physical state and appearance	**: Liquid.**
Odor	**: Not available.**

Section 9: Physical and Chemical Properties (Continues)

Taste	**: Not available.**
Molecular Weight	**: Not available.**
Color	**: Clear Colorless.**
pH (1% soln/water)	**: Not available.**
Boiling Point	**: Not available.**
Melting Point	**: Not available.**
Critical Temperature	**: Not available.**
Specific Gravity	**: Not available.**
Vapor Pressure	**: Not applicable.**
Vapor Density	**: Not available.**
Volatility	**: Not available.**
Odor Threshold	**: Not available.**
Water/Oil Dist. Coeff.	**: Not available.**
Ionicity (in Water)	**: Not available.**
Dispersion Properties	**: Not available.**
Solubility	**: Not available.**

Section 10: Stability and Reactivity Data

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with various substances: Not available.
Corrosivity: Non-corrosive in presence of glass.
Special Remarks on Reactivity: Not available
Special Remarks on Corrosivity: Not available.
Polymerization: No.

Section 11: Toxicological Information

Acute toxicity : Not classified.
Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified .
Germ cell mutagenicity : Not classified.

Section 11: Toxicological Information (Continued)

Carcinogenicity : Not classified.
Reproductive toxicity : Not classified.
STOT-single exposure : Not classified.
STOT-repeated exposure : Not classified.
Aspiration hazard : Not classified.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name	**: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.**
UN N°	**: 3264**
H.I. nr	**: 80**
ADR - Class	**: 8**
ADR - Packing group	**: III**

Section 14: Transport Information (Continued)

Sea transport (IMDG) [English only]

Proper shipping name	**: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.**
UN N°	**: 3264**
IMO-IMDG - Class or division	**: 8 : Corrosive liquid.**
IMO-IMDG - Packing group	**: III**

Air transport (ICAO-IATA) [English only]

Proper shipping name	**: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.**
UN N°	**: 3264**
IATA - Class or division	**: 8 : Corrosive liquid.**
IATA - Packing group	**: III**

Section 15: Other Regulatory Information

Full text of H-Statements referred to under sections 2 and 3.

EUH071	**Corrosive to the respiratory tract.**
H272	**May intensify fire; oxidizer.**
H290	**May be corrosive to metals.**
H300	**Fatal if swallowed.**
H301	**Toxic if swallowed.**
H301 + H311	**Toxic if swallowed or in contact with skin.**
H310	**Fatal in contact with skin.**
H311	**Toxic in contact with skin.**
H314	**Causes severe skin burns and eye damage.**
H315	**Causes skin irritation.**
H318	**Causes serious eye damage.**
H319	**Causes serious eye irritation.**
H330	**Fatal if inhaled.**
H331	**Toxic if inhaled.**
H332	**Harmful if inhaled.**

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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