

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

**Regd Office:** Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
Navghar, Vasai (East), Palghar - 410210.  
Maharashtra, INDIA.

**Tel:** +91 250 2390032 / 2390989 / 2390990  
**Email:** sales@oxfordlabchem.com /  
info@oxfordlabchem.com  
**Web:** www.oxfordlabchem.com

**Oxford**  
Range of  
Laboratory Chemicals

## MATERIAL SAFETY DATA SHEET

### ANTIMONY AAS STANDARD SOLUTION

1000mg/Ltr. Sb In Diluted HCl

MSDS CAS:

#### Section 1: Chemical Product and Company Identification

##### Section 1: Chemical Product

**Product Name:** ANTIMONY AAS STANDARD SOLUTION 1000mg/Ltr. Sb In Diluted HCl

**CAS#:**

**Synonym:**

**Chemical Name:** Not available.

**Chemical Formula:**

**Molecular Weight:**

**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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**Mumbai, Maharashtra, INDIA.**

**Tel: 91-250-2390989**

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## Section 2: Composition and Information on Ingredients

### Composition:

Name	CAS #	% by Weight	Hazardous
Antimony Trichloride	10025-91-9	NA	
Hydrochloric acid	7647-01-0	NA	Yes
Water	7732-18-5	NA	

## Section 3: Hazards Identification

### Classification of the substance or mixture:

**Classification:** Xi; R37

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

**Health hazards:** Xi; R37

**R Phrase(s):** R37 : Irritating to respiratory system.

**S Phrase(s):** S35 : This material and its container must be disposed of in a safe way. S51 : Use only in well-ventilated areas. S59 : Refer to manufacturer/supplier for information on recovery/recycling.

**Contains :** Water - Hydrochloric acid - Antimony trichloride

## Section 4: First Aid Measures

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

**Skin Contact:** Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Immediately call a POISON CENTER or doctor.

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## Section 4: First Aid Measures (Continued)

**Ingestion:** Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Rinse mouth.

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

## Section 5: Fire and Explosion Data

**Flammability of the Product:** Non-flammable

**Auto-Ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Not available.

**Explosion Hazards in Presence of Various Substances:**

**Risks of explosion of the product in presence of mechanical impact:** Not available.

**Risks of explosion of the product in presence of static discharge:** Not available.

**Fire Fighting Media and Instructions:** Not Available

**Special Remarks on Fire Hazards:** Not Available

**Special Remarks on Explosion Hazard :** Not Available

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## 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. Collect spillage. Store away from other materials.

## Section 7: Handling and Storage

**Handling Precautions** : Do not breathe dust, fume, gas, mist, vapours, spray. Wash contaminated clothing before reuse. Wash thoroughly after handling. Provide good ventilation in process area to prevent formation of vapour.

**Storage Precautions** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Comply with applicable regulations. Strong bases. Strong acids. Sources of ignition. Direct sunlight.

## Section 8: Exposure Controls/Personal Protection

**Handling**: Avoid all unnecessary exposure. Wear approved mask. Wear protective gloves. Wear suitable protective clothing. Chemical goggles or face shield. When using, do not eat, drink or smoke.

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## Section 9: Physical and Chemical Properties

<b>Physical state and appearance</b>	<b>: Colourless Liquid.</b>
<b>Odour</b>	<b>: Characteristic.</b>
<b>pH</b>	<b>: Not available.</b>
<b>Flash point [°C]</b>	<b>: Not available.</b>
<b>Boiling Point</b>	<b>: Not Available.</b>
<b>Freezing/Melting Point</b>	<b>: Not Available.</b>
<b>Decomposition point [°C]</b>	<b>: Not Available.</b>
<b>Critical temperature [°C]</b>	<b>: Not available.</b>
<b>Auto-ignition temperature [°C]</b>	<b>: Not available.</b>
<b>Flammability (solid, gas)</b>	<b>: Not available.</b>
<b>Evaporation rate</b>	<b>: Not available.</b>
<b>Vapour pressure [20°C]</b>	<b>: Not available.</b>
<b>Vapour density</b>	<b>: Not available.</b>
<b>Density [g/cm<sup>3</sup>]</b>	<b>: Not available.</b>
<b>Solubility in water</b>	<b>: Not available.</b>

## Section 10: Stability and Reactivity Data

**Reactivity:** Not available

**Chemical; Stability:** Stable under recommended storage conditions.

**Hazardous reactions:** Not available

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

**Materials to avoid:** Strong acids. Strong bases.

**Hazardous decomposition products:** Fumes. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.

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## Section 11: Toxicological Information

**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:** Causes severe skin burns and eye damage.

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

**Carcinogenicity:** 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 – degradability:** Biodegradable..

**Bioaccumulative potential :** Not available.

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

## Section 13: Disposal Considerations

**Waste Disposal:** 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

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## Section 14: Transport Information

### 1. Land transport (ADR-RID)

**Proper shipping name** : HYDROCHLORIC ACID  
**UN N°** : 1789  
**ADR - Class** : 8  
**ADR - Group** : II

### 2. Sea transport (IMDG) [English only]

**Proper shipping name** : HYDROCHLORIC ACID  
**UN N°** : 1789  
**IMO-IMDG - Class or division** : 8  
**IMO-IMDG - Packing group** : II

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

**Proper shipping name** : HYDROCHLORIC ACID  
**UN N°** : 1789  
**IATA - Class or division** : 8  
**IATA - Packing group** : II

## 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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