

# 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.  
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**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

### BISMUTH AMMONIUM CITRATE EXTRA PURE MSDS CAS: 31886-41-6

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

##### Section 1: Chemical Product

**Product Name:** BISMUTH AMMONIUM CITRATE Extra Pure

**CAS#:** 31886-41-6

**C.I. No.:** Not available.

**Synonym:** Not available.

**Chemical Name:** Not available.

**Chemical Formula:** C<sub>24</sub>H<sub>20</sub>Bi<sub>4</sub>O<sub>28</sub>.6NH<sub>3</sub>.10H<sub>2</sub>O

**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  
**Tel/Fax:** 91-250-2390032

#### Section 2: Composition and Information on Ingredients

**Substance / Preparation** : BISMUTH AMMONIUM CITRATE EXTRA PURE  
CAS No : 31886-41-6  
Substance.

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

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## Section 3: Hazards Identification

### Classification of the substance or mixture:

Classification EC 67/548 or EC 1999/45

:Not classified.

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

:Not classified.

**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

### Eye Contact:

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

### Skin Contact:

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

**Serious Skin Contact:** Not available.

### Inhalation:

Assure fresh air breathing. Allow the victim to rest.

**Serious Inhalation:** Not available.

### Ingestion:

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

**Serious Ingestion:** Not available.

## 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.

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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:** On land, sweep or shovel into suitable containers. Minimize generation of dust.

Store away from other materials.

## Section 7: Handling and Storage

**Precautions:**

Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

**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.

## Section 8: Exposure Controls/Personal Protection

**Exposure controls:**

**Personal protection**

- Respiratory protection
- Hand protection
- Eye protection
- Others

: Avoid all unnecessary exposure.

: Wear approved mask.

: Wear protective gloves.

: Chemical goggles or safety glasses.

: When using, do not eat, drink or smoke.

**Control parameters:**

**Occupational Exposure Limits**

: No data available.

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## Section 9: Physical and Chemical Properties

<b>Physical state and appearance</b>	<b>: Solid.</b>
<b>Odor</b>	<b>: Odorless.</b>
<b>Taste</b>	<b>: Not available.</b>
<b>Molecular Weight</b>	<b>: 1875.00 g/mole</b>
<b>Color</b>	<b>: White.</b>
<b>pH (1% soln/water)</b>	<b>: Not available.</b>
<b>Boiling Point</b>	<b>: Not available.</b>
<b>Melting Point</b>	<b>: Not available.</b>
<b>Critical Temperature</b>	<b>: Not available.</b>
<b>Specific Gravity</b>	<b>: Not available.</b>
<b>Vapor Pressure</b>	<b>: Not applicable.</b>
<b>Vapor Density</b>	<b>: Not available.</b>
<b>Volatility</b>	<b>: Not available.</b>
<b>Odor Threshold</b>	<b>: Not available.</b>
<b>Water/Oil Dist. Coeff.</b>	<b>: Not available.</b>
<b>Ionicity (in Water)</b>	<b>: Not available.</b>
<b>Dispersion Properties</b>	<b>: See solubility in water.</b>
<b>Solubility</b>	<b>: Soluble in water.</b>

## Section 10: Stability and Reactivity Data

<b>Stability</b>	<b>: The product is stable.</b>
<b>Instability Temperature</b>	<b>: Not available.</b>
<b>Conditions of Instability</b>	<b>: Not available.</b>
<b>Reactivity</b>	<b>: Not established.</b>
<b>Conditions to avoid</b>	<b>: Direct sunlight. Extremely high or low temperatures</b>
<b>Materials to avoid</b>	<b>: Strong acids. Strong bases.</b>
<b>Hazardous decomposition products</b>	<b>: Fumes. Carbon monoxide. Carbon dioxide.</b>

## Section 11: Toxicological Information

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

**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.

## Section 12: Ecological Information

**Ecotoxicity** : Not available.

**BOD5 and COD** : Not available.

**Persistence – degradability** : Biodegradable.

**Bioaccumulative potential** : Not established.

**Special Remarks on the Products of Biodegradation:** Not available.

**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.

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

## Section 13: Disposal Considerations

### Waste Disposal:

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

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## Section 14: Transport Information

### Land transport (ADR-RID)

**General information** : Not regulated.

### Sea transport (IMDG)

**General information** : Not regulated.

### Air transport (ICAO-IATA)

**General information** : Not regulated.

## Section 15: Other Regulatory Information

### 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.

**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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