

# 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

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Range of  
Laboratory Chemicals

## MATERIAL SAFETY DATA SHEET

### BROMOACETIC ACID 98% FOR SYNTHESIS MSDS CAS: 79-08-3

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

##### Section 1: Chemical Product

Product Name: BROMOACETIC ACID 98% FOR SYNTHESIS

CAS#: 79-08-3

Chemical Name: Bromoacetic acid

Chemical Formula: C<sub>2</sub>H<sub>3</sub>BrO<sub>2</sub>

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

##### Composition:

Name	CAS #	% by Weight
Bromoacetic acid	79-08-3	100 %

Toxicological Data on Ingredients: Not available.

## Section 3: Hazards Identification

**Environmental hazards:** Hazardous to the aquatic environment - Acute hazard - Category 1 - Warning (CLP : Aquatic Acute 1) H400

**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:** Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. Rinse cautiously with water for several minutes. Specific treatment (see on this label).

**Skin Contact:** Specific treatment (see on this label). Get medical advice. Wash with plenty of soap and water. If skin irritation or rash occurs : Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.

**Serious Skin Contact:** Not available.

**Inhalation:** Specific treatment is urgent (see on this label). Immediately call a POISON CENTER or doctor. Remove to fresh air and keep at rest in a position comfortable for breathing.

**Serious Inhalation:** Not available.

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

**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.

Thermal decomposition generates : Corrosive vapours.

## Section 5: Fire and Explosion Data (Continued)

### **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

**For emergency responders :** Equip cleanup crew with proper protection.

Ventilate area.

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

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

**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

### **Precautions for safe handling:**

**Handling:** Avoid contact during pregnancy or while nursing. Use only outdoors or in a well-ventilated area.

Do not breathe dust, fume, gas, mist, vapours, spray. Wash contaminated clothing before reuse.

Contaminated work clothing should not be allowed out of the workplace. 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.

**Storage :** Keep only in the original container in a cool, well ventilated place. Do not store in corrodable metal. Keep container tightly closed.

**Storage regulation :** Comply with applicable regulations.

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

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## Section 8: Exposure Controls/Personal Protection

### Exposure controls

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

- **Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.
- **Hand protection:** Wear protective gloves.
- **Skin protection:** Wear suitable protective clothing.
- **Eye protection:** Chemical goggles or face shield.
- **Others:** When using, do not eat, drink or smoke.

### Control parameters

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

## Section 9: Physical and Chemical Properties

<b>Physical state and appearance</b>	: Solid.
<b>Odor</b>	: Not available.
<b>Taste</b>	: Not available.
<b>Molecular Weight</b>	: 138.95 g/mole
<b>Color</b>	: White.
<b>pH (1% soln/water)</b>	: Not available.
<b>Boiling Point</b>	: Not available.
<b>Melting Point</b>	: 46 - 49 °C
<b>Critical Temperature</b>	: Not available.
<b>Specific Gravity</b>	: Not available.
<b>Vapor Pressure</b>	: Not applicable.
<b>Vapor Density</b>	: Not available.
<b>Volatility</b>	: Not available.
<b>Odor Threshold</b>	: Not available.
<b>Water/Oil Dist. Coeff.</b>	: Not available.
<b>Ionicity (in Water)</b>	: Not available.
<b>Dispersion Properties</b>	: Not available.
<b>Solubility</b>	: Soluble in water.

## Section 10: Stability and Reactivity Data

<b>Stability</b>	: The product is stable.
<b>Instability Temperature</b>	: Not available.
<b>Conditions to avoid</b>	: Direct sunlight. Extremely high or low temperatures.
<b>Materials to avoid</b>	: Strong acids. Strong bases.
<b>Corrosivity</b>	: Not available.
<b>Special Remarks on Reactivity</b>	: Not available.
<b>Special Remarks on Corrosivity</b>	: Not available.
<b>Polymerization</b>	: Will not occur.
<b>Hazardous decomposition products</b>	: Fumes. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.

## Section 11: Toxicological Information

### Information on toxicological effects:

#### Acute toxicity

- **Inhalation:** Toxic if inhaled.
- **Dermal:** Toxic in contact with skin.
- **Ingestion:** Toxic if swallowed.

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

**Corrosive to respiratory tract.**

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

**Sensitization:** May cause an allergic skin reaction.

**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.

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## Section 12: Ecological Information

**Ecotoxicity:**

Very toxic to aquatic life.

**BOD5 and COD:**

Not available.

**Persistence – degradability :** Biodegradable.

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

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

## Section 13: Disposal Considerations

**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.

## Section 14: Transport Information

**Land transport (ADR-RID)**

**Proper shipping name :** BROMOACETIC ACID, SOLID

**UN N° :** 3425

**ADR - Class :** 8

**Sea transport (IMDG) [English only]**

**Proper shipping name :** BROMOACETIC ACID, SOLID

**UN N° :** 3425

**IMO-IMDG - Class or division :** 8

**IMO-IMDG - Packing group :** II

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## Section 14: Transport Information (Continued)

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

**Proper shipping name** : BROMOACETIC ACID, SOLID  
**UN N°** : 3425  
**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:**

**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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