

# 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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## MATERIAL SAFETY DATA SHEET

### CALCIUM HARDNESS INDICATOR

(Tablets)

MSDS CAS:

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

##### Section 1: Chemical Product

**Product Name:** CALCIUM HARDNESS INDICATOR TABLETS

**CAS#:**

**Synonym:**

**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  
Tel/Fax: 91-250-2390032

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

##### Composition:

Name	CAS #	% by Weight
CALCIUM HARDNESS INDICATOR		100

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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.

### Label elements

**Labelling EC 67/548 or EC 1999/45 :** Not classified.

**Labelling Regulation EC 1272/2008 (CLP) :** Not classified.

### Other hazards

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

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

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

### Most important symptoms and effects, both acute and delayed

**Symptoms relating to use :** Not expected to present a significant hazard under anticipated conditions of normal use.

### 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).

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## 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 :** On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

## Section 7: Handling and Storage

### Precautions for safe handling

**Handling :** Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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

## Section 7: Handling and Storage (Continued)

### 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.

## Section 8: Exposure Controls/Personal Protection

### Exposure controls

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

**Respiratory protection :** Wear approved mask.

**Hand protection :** Wear protective gloves.

**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

<b>Physical state at 20 °C</b>	<b>: Liquid.</b>
<b>Colour</b>	<b>: Violet tablets</b>
<b>Odour</b>	<b>: N/A</b>
<b>Odour threshold</b>	<b>: No data available.</b>
<b>pH value</b>	<b>: Not applicable.</b>
<b>Melting point [°C]</b>	<b>: No data 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>Flash point [°C]</b>	<b>: Not available.</b>
<b>Boiling point [°C]</b>	<b>: Not available.</b>
<b>Initial boiling point [°C]</b>	<b>: Not available.</b>
<b>Final boiling point [°C]</b>	<b>: Not available.</b>

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## Section 9: Physical and Chemical Properties (Continued)

**Evaporation rate** : Not available.  
**Vapour pressure [20°C]** : Not available.  
**Vapour pressure mm/Hg** : Not available.  
**Vapour density** : Not available.  
**Density [g/cm<sup>3</sup>]** : 2,165  
**Relative density, gas (air=1)** : Not available.  
**Relative density, liquid (water=1)** : Not available.  
**Solubility in water [% weight]** : Soluble in water  
**Solubility in water** : Not available.  
**Log Pow octanol / water at 20°C** : No data available.

## Section 10: Stability and Reactivity Data

### Reactivity

**Reactivity** : Not established.

### Chemical stability

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

### Possibility of hazardous reactions

**Hazardous reactions** : Not established.

### Conditions to avoid

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

### Incompatible materials

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

### Hazardous decomposition products

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

## Section 11: Toxicological Information

### Information on toxicological effects

<b>Acute toxicity</b>	: LD50-oral-rat-2660 mg/kg
<b>Inhalation</b>	: Based on available data, the classification criteria are not met.
<b>Dermal</b>	: LD50-dermal-rat->2000 mg/kg
<b>Ingestion</b>	: Based on available data, the classification criteria are not met.
<b>Corrosion</b>	: Based on available data, the classification criteria are not met.
<b>Irritation</b>	: Based on available data, the classification criteria are not met.
<b>Sensitization</b>	: Based on available data, the classification criteria are not met.
<b>Mutagenicity</b>	: Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	: Based on available data, the classification criteria are not met.
<b>Toxic for reproduction</b>	: Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	: Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure</b>	: Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	: Based on available data, the classification criteria are not met.

## Section 12: Ecological Information

### Toxicity

**Toxicity information** : Not established.

### Persistence - degradability

**Persistence - degradability** : Biodegradable.

### Bioaccumulative potential

**Bioaccumulative potential** : Not established.

### Mobility in soil

**Mobility in soil** : Not established.

### Results of PBT and vPvB assessment

**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

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

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## 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)

**General information :** Not regulated.

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

**General information :** Not regulated.

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

**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 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 :

**Chemical Safety Assessment :** It has not been carried out.

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## Section 16 - Additional Information

**References:** Not available.

**Other Special Considerations:** Not available.

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