

## **MATERIAL SAFETY DATA SHEET**

### **MENTHOL CRYSTALS**

**(Extra Pure)**

**MSDS CAS : 2216-51-5**

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

##### **Section 1: Chemical Product**

**Product Name : MENTHOL CRYSTALS**

**CAS#: 2216-51-5**

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

**Synonym : Not available.**

**Chemical Name: Not available.**

**Chemical Formula: Not available.**

**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
MENTHOL CRYSTALS	2216-51-5	100

## Section 3: Hazards Identification

### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1999/45

**Classification** : Xi; R37/38-41

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

**Health hazards** : Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (CLP : STOT SE 3) H335  
Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302  
Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315  
Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1) H318  
Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A) H314

**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**

Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. Immediately call a POISON CENTER or doctor.

#### **Skin contact**

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

#### **Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### **Ingestion :**

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

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

**Symptoms relating to use** : Swallowing a small quantity of this material will result in serious health hazard. Causes severe skin burns and eye damage. Causes serious eye damage. Causes skin irritation. May cause respiratory irritation.

## Section 4: First Aid Measures (Continued)

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).

## Section 5: Fire and Explosion Data

### Extinguishing media

#### 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.

#### 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.  
Avoid release to the environment.

### Methods and materials for containment and cleaning up

## Section 6: Accidental Release Measures (Continued)

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

**Reference to other sections**  
See section 8. Exposure controls/personal protection

## Section 7: Handling and Storage

### Precautions for safe handling

**Handling** : Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not breathe dust, fume, gas, mist, vapours, spray. Wash thoroughly after handling. Avoid contact during pregnancy or while nursing. Use only outdoors or in a well-ventilated area.

**Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust, fume, gas, mist, vapours, spray.

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

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

**Specific end uses**  
**Specific end use(s)** : None.

## Section 8: Exposure Controls/Personal Protection

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

- **Respiratory protection** : Wear approved mask.
- **Hand protection** : Wear protective gloves.
- **Skin protection** : Wear suitable protective clothing.
- **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

### Information on basic physical and chemical properties

Physical state at 20 °C	: Solid
Colour	: Colourless crystals
Odour	: Peppermint odor
Odour threshold	: No data available.
pH value	: Not applicable.
Melting point [°C]	: 34 to 36° C
Decomposition point [°C]	: N/A
Critical temperature [°C]	: N/A
Auto-ignition temperature [°C]	: N/A
Flammability (solid, gas)	: N/A
Flash point [°C]	: 93.4°C
Boiling point [°C]	: 216 °C
Initial boiling point [°C]	: N/A
Final boiling point [°C]	: N/A
Evaporation rate	: N/A
Vapour pressure [20°C]	: N/A
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm <sup>3</sup> ]	: 0,89
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: Slightly soluble in
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: No data available.
Solubility	: N/A
Viscosity at 40°C [mm <sup>2</sup> /s]	: N/A

### Other information

Explosive properties	: N/A
Explosion limits - upper [%]	: N/A
Explosion limits - lower [%]	: N/A
Oxidising properties	: 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

#### 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 : Harmful if swallowed.
- Corrosion : Causes severe skin burns and eye damage.  
Causes serious eye damage.
- Irritation : Causes skin irritation.  
May cause respiratory irritation.

## Section 11: Toxicological Information (Continued)

<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** : Very toxic to aquatic life.

### 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.

## Section 13: Disposal Considerations

### Waste treatment methods

**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.

## 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.

**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

## **Section 16 - Additional Information**

**References:** Not available.

**Other Special Considerations:** Not available.

### ***Disclaimer:***

\*\*\*\*\*

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

Oxford Lab Fine Chem LLP makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Oxford Lab Fine Chem LLP will not be responsible for damages resulting from use of or reliance upon this information.