

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

**Regd Office:** Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
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## MATERIAL SAFETY DATA SHEET

### OIL OF SPEARMINT Extra Pure MSDS CAS: 8008-79-5

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

##### Section 1: Chemical Product

**Product Name:** OIL OF SPEARMINT Extra Pure

**CAS#:** 8008-79-5

**Chemical Name:** OIL OF SPEARMINT Extra Pure

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

SUBSTANCE NAME	CAS NO.	CONTENTS
L-Carvone	6485-40-1	Min 60.0%
D-Limonene	5989-27-5	5.0 - 15.0%

## Section 3: Hazards Identification

### Classification of the substance or mixture:

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

**Aspiration toxicity Category 1 - (H304).**

**Acute toxicity - Oral Category 4 - (H302).**

**Skin corrosion/irritation Category 2 - (H315).**

**Serious eye damage/eye irritation Category 2 - (H319).**

**Skin sensitization Category 1 - (H317).**

**Chronic aquatic toxicity Category 2 - (H411).**

### Precautionary Statements:

**P280 - Wear protective gloves/protective clothing/eye protection/face protection.**

**P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.**

**P331 - Do NOT induce vomiting.**

**P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.**

**P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.**

**P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**

**P273 - Avoid release to the environment.**

### Other hazards:

**PBT or vPvB according to Annex XIII: No additional data available.**

**Adverse physio-chemical properties: No additional data available.**

**Adverse effects on human health: May be harmful in contact with skin.**

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## Section 4: First Aid Measures

### Description of first aid measures:

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

**Skin contact:** Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Do not induce vomiting without medical advice. Clean mouth with water. Never give anything by mouth to an unconscious person. Get medical attention.

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

**Symptoms relating to use:** None known.

### Indication of any immediate medical attention and special treatment needed:

**General information:** Treat symptomatically.

## Section 5: Fire and Explosion Data

### Extinguishing media:

**Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Sand.

**Unsuitable extinguishing media** : No information available.

**Surrounding fires** : No information available.

### Special hazards arising from the substance or mixture:

**Hazardous combustion products** : Thermal decomposition can lead to release of irritating and toxic gases and vapours. Hazardous combustion products: Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

**Advice for fire-fighters** : Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures:

**For emergency responders** : Ensure adequate ventilation, especially in confined areas.

**For non-emergency personnel** : Use personal protection recommended in Section 8.

**Environmental precautions** : Collect spillage.

### Methods and material for containment and cleaning up:

#### Methods for Containment:

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

#### Methods for cleaning up:

Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.

## Section 7: Handling and Storage

### Precautions for safe handling

**Advice on safe handling** : Ensure adequate ventilation, especially in confined areas.

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities:

**Storage:** Keep container tightly closed in a dry and well-ventilated place.

**Storage - away from:** No data available.

## Section 8: Exposure Controls/Personal Protection

### Exposure controls:

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

- **Respiratory protection:** No additional data available.
- **Hand protection:** No additional data available.
- **Skin protection:** Wear suitable protective clothing.
- **Eye protection:** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
- **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>	: Clear mobile liquid.
<b>Odor</b>	: Characteristic.
<b>Taste</b>	: Not available.
<b>Molecular Weight</b>	: Not available.
<b>Color</b>	: Colourless to green yellow.
<b>pH (1% soln/water)</b>	: Not available.
<b>Boiling Point</b>	: Not available.
<b>Melting Point</b>	: Not available.
<b>Relative Density</b>	: 0.910 – 0.938 @ 20°C.
<b>Critical Temperature</b>	: Not available.
<b>Flash Point (°C)</b>	: 58 °C / 137 °F
<b>Specific Gravity</b>	: Not available.
<b>Refractive Index</b>	: 1.480 – 1.495 @ 20°C.
<b>Vapor Pressure</b>	: 0.4
<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>	: Insoluble in water.

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## Section 10: Stability and Reactivity Data

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions to avoid:** Extremes of temperature and direct sunlight.

**Incompatibility with various substances:** Not available.

**Materials to avoid:** Not available.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Hazardous decomposition products:** None under normal use conditions.

## Section 11: Toxicological Information

**Information on toxicological effects:**

**Acute toxicity:**

**Inhalation** No data available.

**Eye Contact** No data available.

**Skin contact** No data available.

**Ingestion** No data available.

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 1,818.00

**ATEmix (dermal)** 2,711.00

**Unknown acute toxicity**

23% of the mixture consists of ingredient(s) of unknown toxicity.

**L-Carvone Oral LD50 = 1640 mg/kg (rat)**

**D-Limonene Oral LD50 = 4400 mg/kg (rat)**

**Dermal LD50 >5 g/kg (rabbit)**

**Skin corrosion / irritation:** No additional data available.

**Serious eye damage / irritation:** No additional data available.

## Section 11: Toxicological Information (Continued)

**Respiratory or skin sensitisation:** No additional data available.

**Germ Cell Mutagenicity:** No additional data available.

**Carcinogenicity:** No additional data available.

**Reproductive toxicity:** No additional data available.

**STOT-single exposure:** No additional data available.

**STOT-repeated exposure:** No additional data available.

**Aspiration hazard:** No additional data available.

**Photo-toxicity:** No additional data available.

**Other Information:** None.

## Section 12: Ecological Information

**Toxicity information:** 23 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
D-Limonene	-	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	-

**BOD5 and COD:** Not available.

**Persistence - degradability:** Not available.

**Bioaccumulative potential:** Not established.

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## Section 12: Ecological Information (Continued)

**Toxicity of the Products of Biodegradation:** Not available.

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

**Results of PBT and vPvB assessment:** Not available.

**Environmental precautions:** Not available.

## Section 13: Disposal Considerations

**Waste from Residues / Unused Products:**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging:**

Improper disposal or reuse of this container may be dangerous and illegal.

## Section 14: Transport Information

### Land transport (ADR-RID)

**Proper shipping name :** Environmentally Hazardous Substance, liquid n.o.s.

**UN N° :** 3082

**ADR - Class :** 9

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

**Proper shipping name :** Environmentally Hazardous Substance, liquid n.o.s.

**UN N° :** 3082

**IMO-IMDG - Class or division :** 9

**IMO-IMDG - Packing group :** III

## Section 14: Transport Information (Continued)

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

**Proper shipping name** : Environmentally Hazardous Substance, liquid n.o.s.  
**UN N°** : 3082  
**IATA - Class or division** : 9  
**IATA - Packing group** : III

## Section 15: Other Regulatory Information

### **Statutory Instruments:**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

### **Guidance Notes:**

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

### **EU Legislation:**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**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.

## Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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