OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

OIL OF CASTOR
(Extra Pure)
MSDS CAS : 8001-79-4

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name : OIL OF CASTOR
CAS#: 8001-79-4
C.I. No.: Not available.
Synonym :
Chemical Name: Castor Oil
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,
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
CASTOR OIL	8001-79-4	100

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects:
Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact: **Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.**
Skin Contact: **Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.**
Serious Skin Contact: **Not available.**
Inhalation: **If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.**
Serious Inhalation: **Not available.**
Ingestion: **Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.**
Serious Ingestion: **Not available.**

Section 5: Fire and Explosion Data

Flammability of the Product: **May be combustible at high temperature.**
Auto-Ignition Temperature: **449°C (840.2°F)**
Flash Points: **OPEN CUP: 230°C (446°F).**
Flammable Limits: **Not available.**
Products of Combustion: **Not available.**
Fire Hazards in Presence of Various Substances: **Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.**
Explosion Hazards in Presence of Various Substances: **Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.**

Section 5: Fire and Explosion Data (Continued)

Fire Fighting Media and Instructions: **SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.**

Special Remarks on Fire Hazards: **Not available.**

Special Remarks on Explosion Hazards: **Not available.**

Section 6: Accidental Release Measures

Small Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F). Prevent from freezing.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Safety glasses. Lab coat.

Section 8: Exposure Controls/Personal Protection (Continued)

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance	: Liquid.
Odor	: Characteristic. (Slight.)
Taste	: Acrid. Nauseating. (Slight.)
Molecular Weight	: Not available.
Color	: Not available.
pH (1% soln/water)	: Not available.
Boiling Point	: 313°C (595.4°F)
Melting Point	: Not available.
Critical Temperature	: Not available.
Specific Gravity	: 0.962 @ 15 C (Water = 1)
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: See solubility in water, methanol, diethyl ether.
Solubility	: Soluble in methanol, diethyl ether, chloroform, glacial acetic acid, benzene, carbon disulfide. Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Excess heat, incompatiable materials
Incompatibility with various substances: Not available.
Corrosivity: Non-corrosive in presence of glass.

Section 10: Stability and Reactivity Data (continued)

Special Remarks on Reactivity: Has excellent keeping qualities. Does not turn rancid unless subjected to excessive heat. Should be protected from freezing.
Special Remarks on Corrosivity: Not available.
Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact.
Toxicity to Animals: LD50: Not available. LC50: Not available.
Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: May cause eye irritation. Ingestion: May cause digestive tract irritation. It is considered a purgative and stimulates smooth muscle of the digestive tract. Inhalation: Mist may cause respiratory tract irritation.

Section 12: Ecological Information

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: Not available.
Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control 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

Federal and State Regulations: **TSCA 8(b) inventory: Castor oil**
Other Regulations: **EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.**
Other Classifications:
WHMIS (Canada): **Not controlled under WHMIS (Canada).**
DSCL (EEC): **This product is not classified according to the EU regulations. Not applicable.**
HMIS (U.S.A.):
Health Hazard: **1**
Fire Hazard: **1**
Reactivity: **0**
Personal Protection: **a**
National Fire Protection Association (U.S.A.):
Health: **0**
Flammability: **1**
Reactivity: **0**
Specific hazard:
Protective Equipment: **Not applicable. Lab coat. Not applicable. Safety glasses.**

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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