



Material Safety Data Sheet

Bergamot Oil

Section 1.1 – Product Identification

Product name : Bergamot Oil
Botanical Name : Citrus Bergamia
CAS # : 8007-75-8

Section: 1.2 – Company Identification

Company Name: Indenta Chemicals (India) Pvt. Ltd.
Address: 201, Adamji Building, 413, Narshi Natha Street, Mumbai -400 009. (India)
Telephone #: +91-22-23449820 / 23411655
Fax #: +91-22-23432060

Section 2: Hazard Identification

Eye Contact: Mild irritation may occur
Skin Contact: Mild irritation may occur
Ingestion: Not known
Inhalation: Irritating

Section 3: Composition / Ingredient Information

Contents: Limonene 20–70% β -pinene 0–11% terpinene 0–20% linalool 0–30% myrcene 0–2% sabinene 0–3%

Section 4: First Aid Measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. **Eyes:** Flush with plenty of water or eye wash. Consult a physician.
Skin: Wash off soap and water. Get medical attention if irritation persists. **Ingestion:** Seek immediate medical advice
Inhalation: If breathed in, move person into fresh air. Consult a physician.

Section 5: Fire Fighting Measures

Flash Point: 58°C
Suitable extinguishing media: Use dry chemical or CO₂, alcohol-resistant foam, water spray.
Special protective equipment: Wear self-contained breathing apparatus for firefighting if necessary. **Decomposition Materials:** Carbon Dioxide, Carbon Monoxide.

Section 6: Accidental Release Measures

Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate authorities if required.

Methods for cleaning up: Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

Safety Precautions: Eliminate all ignition sources. Ventilate area.

Section 7: Handling And Storage

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from fire and open flames.

Storage: Store in cool, dry and well-ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight.

Section 8: Exposure Control / Personal Protection

Work/Hygiene Practice: Normal work and hygiene practices for handling non-hazardous liquid material.

Eye: Safety glasses should be worn.

Skin/Body: Using chemically resistant clothes and gloves are recommended.

Respiratory: Not needed under normal conditions of use.

Other: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

Section 9: Physical And Chemical Properties

Test	Specification
Appearance	Light yellowish green to yellowish brown liquid
Odor	Fragrant sweet-fruity odor.
Specific Gravity	0.856–0.884 @ 20°C
Refractive Index	1.460–1.490 @ 20°C
Optical Rotation	+10.0-+35.0 @ 20°C

Section 10: Stability And Reactivity

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Avoid sparks, flame, excessive heat and strong oxidizers and strong acids.

Hazardous Polymerization: N/A.

Hazardous Decomposition products: None known. When heated to decomposition produces acid fumes and carbon monoxide smoke

Section 11: TOXICOLOGICAL INFORMATION

Eyes: Not expected to be an irritant.

Skin Irritancy: Not expected to be an irritant.

Threshold Limit Value: Non Toxic.

Signs and Symptoms of Exposure: N/A

Carcinogenicity: None.

Reproductive Toxicity: N/A

Teratogenicity: N/A

Mutagenicity: N/A

Section 12: ECOLOGICAL INFORMATION

Biodegradation: Expected to be ultimately biodegradable

Aquatic Toxicity: No Data.

Bacterial Toxicity: No Data.

Section 13: DISPOSAL CONSIDERATION

Waste Disposable method Combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber in accordance with all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging Dispose of as unused product. .

Section 14: Transport Information

US DOT Shipping

Description:

UN No.: 1169

Proper Shipping Name: Extracts, Aromatic, Liquid

Packaging Group: III

Class: 3

IATA Shipping (Air):

UN No.: 1169

Proper Shipping Name: Extracts, Aromatic, Liquid

Packaging Group: III

Class: 3

IMDG Shipping Description:

UN No.: 1169

Proper Shipping Name: Extracts, Aromatic, Liquid

Packaging Group: III

Class: 3

Section 15: REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Bergamot oil SARA 313 toxic chemical notification and release reporting: Bergamot oil

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).

DSCL (EEC): R10- Flammable.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 2

Reactivity: 0

Personal Protection: a

National Fire Protection Association

(U.S.A.): Health: 1

Flammability: 2

Reactivity: 0

Specific hazard:

Protective Equipment: Not applicable. Lab coat. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Additional Information

This information is provided for documentation purposes only.

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