

MSDS

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Frankincense Essential Oil

INCI Name: Boswellia Serrata Oil

CAS No.: 97952-72-2

EINECS No.: 308-366-6

Country of Origin: India

Product Use: Cosmetic, soap, fragrance and industrial applications

Supplier: Botanic Planet Canada Inc.

Address: 2 Bram Court, Unit #3, Brampton, Ontario, L6W 3R6, Canada

Emergency Telephone: (613) 996-6666 CANUTEC – 24 Hour Emergency

2. HAZARD IDENTIFICATION

GHS Classification:

Flammable Liquids - Category 3

Aspiration Hazard - Category 1

Skin corrosion/irritation - Category 2

Skin Sensitization - Category 1

Hazardous to aquatic environment - Acute - Category 2

Hazardous to the aquatic environment, long-term hazard - Category 2

GHS Label elements, including precautionary statements



Signal: Warning

Hazard statement(s)

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long-lasting effects.

Precautionary statement(s)

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

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

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses if present and easy to do – continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Boswellia Serrata Oil	97952-72-2	308-366-6	100 %

4. FIRST-AID MEASURES

Inhalation: Move affected person to fresh air. Obtain medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical attention if irritation or allergic reaction develops.

Eye Contact: Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses when easy to do. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Immediately contact a poison centre or physician because of aspiration hazard.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide (CO₂), dry chemical or appropriate foam.

Special Hazards: Flammable liquid and vapour. Combustion may generate irritating or hazardous fumes.

Protective Equipment: Firefighters should use appropriate protective equipment and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources and provide adequate ventilation. Avoid skin and eye contact. Prevent material from entering drains, waterways or soil. Absorb spill with sand, earth or another inert absorbent and place in an appropriate waste container.

7. HANDLING AND STORAGE

Handle in a well-ventilated area. Avoid breathing vapours and avoid prolonged skin contact. Keep away from heat, sparks, flames and other ignition sources.

Store in a tightly closed container in a cool, dry, well-ventilated location protected from direct sunlight and heat.

Similar Indian *B. serrata* technical data recommends closed containers protected from light.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Safety glasses or chemical goggles.

Hand Protection: Chemical-resistant protective gloves.

Skin Protection: Appropriate protective clothing.

Respiratory Protection: Normally not required with adequate ventilation; use appropriate respiratory protection where vapour concentrations are high.

General Hygiene: Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification / Result
Physical State	Liquid

Property	Specification / Result
Appearance	Colorless to pale yellow clear liquid
Odor	Characteristic warm, fresh and smooth musky
Solubility in Water	Insoluble
Refractive Index @ 20°C	1.472
Specific Gravity @ 20°C	0.839 g/mL
Optical Rotation @ 20°C	+27.28°
Flash Point	Approximately 38°C (reference value)

A separate current Indian *Boswellia serrata* COA reports a 38°C flash point; flash point can vary by batch and processing, so this should be treated as a reference value unless your exact lot was tested.

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Heat, sparks, open flames and excessive exposure to light or air.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and irritating fumes may form during combustion.

11. TOXICOLOGICAL INFORMATION

May cause skin irritation and an allergic skin reaction. Aspiration into the lungs following swallowing may cause serious or potentially fatal injury. Avoid unnecessary inhalation of concentrated vapours.

12. ECOLOGICAL INFORMATION

Toxic to aquatic life with long-lasting effects. Avoid uncontrolled release to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with applicable municipal, provincial and federal regulations. Do not discharge concentrated material into drains or natural waterways.

14. TRANSPORT INFORMATION

Because the SDS reference classifies the material as a Category 3 flammable liquid, transportation classification should be confirmed against the exact batch flash-point test and the applicable TDG/transport regulations before shipment.

15. REGULATORY INFORMATION

This SDS is intended to communicate workplace handling and safety information. Users are responsible for ensuring compliance with applicable Canadian WHMIS, TDG and other jurisdiction-specific requirements.

16. OTHER INFORMATION

Country of Origin: INDIA

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