

MSDS

Product Name: Labdanum Absolute Oil
Product Type: Natural Fragrance Raw Material
Country of Origin: France
BOTANIC PLANET CANADA INC.
2 Bram Court, Unit #3,
Brampton, Ontario,
L6W 3R6,
Canada
Website: www.botanicplanet.ca
Email: info@botanicplanet.ca
Telephone: 905-455-4444

SECTION 1. IDENTIFICATION

Product Name: Labdanum Absolute Oil
Description: Natural aromatic resin extract used in fragrance and perfumery formulations.
Recommended Uses: Perfumes, colognes, fragrance blends, soaps, cosmetics, and aromatic products.
Supplier: Botanic Planet Canada Inc.

SECTION 2. HAZARDS IDENTIFICATION

NFPA Hazard Ratings (supplied information):

Hazard	Rating
Health	1
Flammability	3
Reactivity	0

Potential Hazards:

- May cause irritation to the skin and eyes.
- Avoid prolonged contact with undiluted material.
- Avoid inhalation of concentrated vapours.
- Keep away from heat and ignition sources.

GHS Classification: Not established from the available source information.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Description	Information
Product	Labdanum Absolute Oil
Chemical Nature	Natural aromatic resin extract
Botanical Source	Cistus ladanifer (botanical identification to be confirmed)
Physical Form	Semi-solid resinous mass
Water Solubility	Insoluble
Alcohol Solubility	Soluble

Phthalates	Source states none added
Ethyl Alcohol	Source states none added

SECTION 4. FIRST-AID MEASURES

Inhalation: Remove the affected person to fresh air. If breathing difficulties or irritation occur, seek medical attention.

Eye Contact: Immediately rinse eyes cautiously with clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing. Obtain medical attention if irritation develops.

Ingestion: Rinse mouth with water. Do not induce vomiting. Contact a physician or poison control centre immediately.

SECTION 5. FIRE-FIGHTING MEASURES

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

Special Fire-Fighting Procedures: Use appropriate protective clothing and self-contained breathing apparatus when necessary.

Hazardous Combustion Products: Carbon monoxide (CO) and carbon dioxide (CO₂).

Fire and Explosion Hazards: Avoid exposure to heat, sparks, and open flames.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective gloves and eye protection. Ensure adequate ventilation.

Environmental Precautions: Prevent material from entering drains, soil, and waterways.

Cleanup Procedures: Absorb spilled material using sand, vermiculite, or other suitable inert absorbent. Collect in an appropriate container for disposal according to local regulations.

SECTION 7. HANDLING AND STORAGE

Handling: Use good industrial hygiene practices. Avoid direct contact with skin and eyes. Do not eat, drink, or smoke while handling.

Storage: Store in tightly closed containers in a cool, dry, well-ventilated area away from direct sunlight.

Incompatible Materials: Strong oxidizing agents.

Fire Protection: Keep away from heat, sparks, and open flames.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Parameter	Recommendation
Respiratory Protection	Generally, not required under normal ventilated conditions
Ventilation	General mechanical ventilation
Hand Protection	Chemical-resistant protective gloves
Eye Protection	Safety goggles or splash-proof glasses
Skin Protection	Suitable protective clothing
Other Equipment	Eyewash station and safety shower

Occupational Exposure Limits: Not established in the supplied document.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Description
Appearance	Dark brown to black semi-solid resinous mass
Odour	Sweet, musky, amber, balsamic, warm, herbaceous
Physical State	Viscous liquid or semi-solid

Colour	Dark brown to black
Melting Range	20–50°C (supplied COA)
Boiling Point	Not determined
Flash Point	77.22°C (source-reported, method unverified)
Vapour Pressure at 20°C	Not available
Vapour Density (Air = 1)	Greater than 1 (source-reported)
Specific Gravity at 25°C	Not determined
Water Solubility	Insoluble
Alcohol Solubility	Soluble
Solubility in Cosmetic Esters	Soluble
Solubility in Vegetable Oils	Soluble
pH	Not applicable / not determined

Odour Profile: Balsamic, amber, animalic, fruity, tobacco, warm, sweet, herbaceous, and musky.

Perfumery Applications: Leather, oriental, fougère, amber, and masculine fragrance compositions.

Blends Well With: Oakmoss, clary sage, pine, juniper, lavender, lavandin, bergamot, cypress, vetiver, sandalwood, patchouli, and olibanum.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Excessive heat, open flames, and ignition sources.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide during combustion.

Hazardous Polymerization: No information available.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and accidental ingestion.

Acute Effects: Undiluted material may irritate skin and eyes.

Skin Sensitization: Not determined from the supplied information.

Threshold Limit Value (TLV): Not established.

OSHA Permissible Exposure Limit (PEL): Not established.

Carcinogenicity: The source reports no listing by NTP, IARC, or OSHA; this has not been independently verified.

Additional Toxicological Information: No product-specific toxicological test data provided.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No specific data available.

Persistence and Degradability: Not determined.

Bioaccumulative Potential: Not determined.

Environmental Precautions: Prevent contamination of soil, groundwater, and surface water.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of waste material and contaminated packaging according to applicable local, provincial, and federal regulations.

Do not discharge into drains, sewers, or waterways.

Use an authorized waste disposal facility when necessary.

SECTION 14. TRANSPORT INFORMATION

Transport Mode Source-Reported Classification

Road (U.S. DOT) Not regulated
Air (IATA) Not regulated
Sea (IMDG) Not regulated
UN Number Not provided
Packing Group Not provided

Note: Transport classification has not been independently verified. Confirm current applicable requirements before shipping.

SECTION 15. REGULATORY INFORMATION

Product Category: Natural aromatic raw material for perfumery and cosmetic applications.

IFRA: Refer to the product-specific IFRA 51st Amendment statement for applicable usage restrictions.

Food and Pharmaceutical Use: Not intended for food, flavour, feed, or medicinal applications.

Canadian WHMIS/GHS Classification: Requires confirmation from verified composition and hazard data.

Regulatory Compliance: The finished-product manufacturer is responsible for evaluating applicable cosmetic and chemical regulatory requirements.

SECTION 16. OTHER INFORMATION

Prepared for: Botanic Planet Canada Inc. Product: Labdanum Absolute Oil Website: www.botanicplanet.ca

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Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada

Email: info@botanicplanet.ca www.botanicplanet.ca