



Plant's Power Inc
3-2700 St.Clair Ave west
Toronto, Ontario, M6N 1M2
Contact: 1-416-766-1254

MATERIAL SAFETY DATA SHEET

Frankincense Essential Oil

Section 1: Product and Company Identification

Product Name: Frankincense Essential Oil

Botanical Name: *Boswellia serrata*

INCI Name: Boswellia serrata oil

CAS No.: 97952-72-2

EC No.: 308-366-6

Contact information:

Plant's Power Inc 3-2700 St.Clair Ave west Toronto, Ontario M6N 1M2 Contact: 1-416-766-1254 http://www.PlantPower.ca contactus@plantpower.ca	24 HOUR EMERGENCY TELEPHONE NUMBER: (647) 427-4480
--	---

Section 2: Composition and Information on Ingredients

Composition: Steam distilled from the gum of *Boswellia serrata*.

Name: Boswellia serrata oil

CAS No.: 97952-72-2

% by Weight: 100

Section 3: Hazards Identification

WHMIS Classification: B3 – Combustible Liquid

GHS Classification: Flammable Liquids (Category 3)

GHS Label elements, including precautionary statements



Signal Word: Warning

Hazard Statement(s)

H226: Flammable liquid and vapour

H305: May be harmful if swallowed and enters airways

H317: May cause an allergic skin reaction

H320: Causes eye irritation

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: Remove contaminated clothing. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation: Remove to fresh air. Give oxygen if breathing is labored and seek medical advice.

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.

Section 5: Fire and Explosive

Data Flammability of the Product: Flammable liquid. Will ignite if moderately heated.

Extinguishing Media: Carbon Dioxide, dry chemical or foam to the base of the flame. DO NOT use direct water jet on burning material. Closed containers may build up pressure at elevated temperature.

Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.

Flash Point: 60°C

Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemical.

Combustion Product: Carbon Monoxide, Carbon Dioxide.

Section 6: Accidental Release Measures

- Personal Precautions: Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
- Safety Precautions: Eliminate all ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.
- Environmental Precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
- Methods For Cleaning Up: Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

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. Keep away from incompatibles such as oxidizing agents.
- Storage: Light Sensitive. Store in light-sensitive containers. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 15 oC (59oF).
- Environment: Keep away from drains, surface and ground water.

Section 8: Exposure Controls/Personal Protection Engineering

- Eyes Protection: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended
- Respiratory Protection: In well-ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of "NIOSH" approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).
- Protective Gloves: Using chemical resistant gloves is recommended.
- Protective Clothing: Using chemical resistant clothing is recommended.
- Protective Equipment: An eyewash fountain and / or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained.

Section 9: Physical and Chemical Properties

- Appearance: Colorless to pale yellow liquid.
- Odor: Characteristic – spicy, balsamic, warm, woody aroma
- Solubility: Insoluble in water.
- Specific Gravity: 0.829 – 0.889 @ 25°C
- Optical Rotation: +12.0 – +26
- Refractive Index: 1.455 –1.482 @ 20°C

Section 10: Stability and Reactivity

Stability: Chemically stable. This material presents no significant reactivity hazard.

Conditions to Avoid: Avoid sparks, flame and excessive heat.

Materials to Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur. Hazardous Combustion or Carbon monoxide, carbon dioxide and other dangerous organic compounds may be formed.

Decomposition Products: When heated to decomposition acrid fumes may be formed.

Section 11: Toxicological Information

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat.

Skin Contact: Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene

Eye Contact: May irritate eyes.

Ingestion: Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

Medical Conditions Aggravated: No Known toxicity. Avoid use during pregnancy.

Chronic Toxicity: May cause allergic reactions on skin.

Section 12: Ecological Information

Avoid any pollution of ground surface or underground water.

Section 13: Disposal Considerations

Dispose of in accordance with local, provincial and federal regulations. Check with disposal expert to ensure compliance.

Section 14: Transport Information

UN No.: 1993

UN Proper Shipping Name: Flammable liquid, n.o.s (Alpha Pinene)

Transport Hazard Class: 3

Packing Group: III

US Dot Shipping (Land): 1993

UN Proper Shipping Name: Flammable liquid, n.o.s (Alpha Pinene)

Transport Hazard Class: 3

Packing Group: III

IMO-IMDG Shipping (Sea): 1993
UN Proper Shipping Name: Flammable liquid, n.o.s (Alpha Pinene)
Transport Hazard Class: 3
Packing Group: III

IATA Shipping (Air): 1993
UN Proper Shipping Name: Flammable liquid, n.o.s (Alpha Pinene)
Transport Hazard Class: 3
Packing Group: III

Section 15: Other Regulatory Information

WHMIS Classification: B3 – Combustible liquid

Section 16: Other Information

Disclaimer:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Plant's Power be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Plant's Power has been advised of the possibility of such damages.
