



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

Material Safety Data Sheet Patchouli oil

Section 1: Product and Company Identification

Product Name: Patchouli oil

Botanical Name: *Pogostemon cablin*

CAS No.: 8014-09-3

Packaging Group: III Class 9

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
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Section 2: Composition and Information on Ingredients

Composition: Patchouli Oil, Essential oil is obtained by Steam distillation from the dried leaves of *Pogostemon cablin* (Family: Labratae).

Name: Patchouli Oil

CAS No.: 8014-09-3

% by Weight: 100%

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Classification of the substance or mixture

Classification according to the Regulation (EC) No. 1272/2008. Aspiration hazard, Hazard category 1; H304 Hazardous to the aquatic environment – long term hazard, category chronic 2; H411

GHS Label elements, including precautionary statements

Pictogram:



H304 – may be fatal if swallowed and enters airway

H317 – may cause an allergic skin reaction

H410 – very toxic to aquatic life with long lasting effects

Precautionary Statement(s)

P261 – avoid breathing dust/fume/gas/mist/vapours/spray

P273 – avoid release to the environment

P280 – wear protective gloves

P301 + P310 – IF SWALLOWED: immediately call a poison center or doctor/physician

P331 – do NOT induce vomiting

P333 + P313 – if skin irritation or rash occurs: get medical advice/attention

Section 4: First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Eye Contact: 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 plenty of soap and water. Get medical attention if irritation develops.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5: Fire and Explosion

Suitable Extinguishing Media: Carbon dioxide, foam, dry chemicals extinguishers should be used.

Do not use water.

Special Hazards: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

- Personal Protection:** Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area.
- Environmental Protection:** To avoid possible contamination of the environment. Do not discharge into any drains, surface water or ground water.
- General:** Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, etc). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition.
- Clean up:** Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

Section 7: Handling and Storage

- Precautions:** Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eye shields and protective clothing. Smoking should not be permitted in work areas.
- Provide suitable air extraction ventilation in the work area. Vapours may form explosive mixtures with air. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharge).
- Storage:** To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Protect from heat/overheating and light sources. Keep in glass, suitable plastic, aluminum or lacquer-lined containers.

Section 8: Exposure Controls/Personal Protection Engineering

- Respiratory Protection:** Do not breath vapours. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.
- Hand Protection:** Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
- Eye Protection:** Chemical safety goggles are recommended. Wash contaminated goggles before reuse.
- Body Protection:** Light protective clothing recommended. Wash contaminated clothing before reuse.
- Hygiene Measures:** Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Safety shower and eye bath recommended.

Section 9: Physical and Chemical Properties

Physical state and appearance:	Slightly viscous liquid.
Colour:	A brown to dark brown.
Odor, taste:	Characteristic – sweet herbaceous, aromatic-spicy and woody balsamic odour.
pH (1% soln/water):	Not applicable.
Flash Point:	>93.3°C
Specific Gravity @ 25°C:	0.950 – 0.975
Refractive index @ 20°C:	1.505- 1.515
Optical Rotation:	-65° to -45°
Acid Value:	Max 9.0
Water/Oil Dist. Coeff.:	Soluble in alcohol and oils. Insoluble in water.
Solubility:	Soluble in alcohol and carrier oils . Insoluble in cold water, hot water.

Section 10: Stability and Reactivity

Reactivity:	Stable under normal operating conditions
Hazardous Polymerization:	It does not undergo any dangerous reactions under normal conditions.
Conditions to Avoid:	Avoid excessive heat, sparks or open flame. No special precautions other than good house keeping of chemicals.
Incompatible Materials:	None known.
Hazardous Decomposition:	Carbon monoxide and other unidentified.

Section 11: Toxicological Information

Acute Effects:	Irritant. Irritating to eyes and respiratory.
Toxicity Data:	LD 50 Oral – Rat >5.0 gm/kg FCTOD7 20,791,1982 LD 50 Skin – Rabbit >5.0 gm/kg FCTOD7 20,791,1982
Irritation Data:	Skin – Rabbit 500 mg/24h MLD FCTOD7 20.791,2982
Inhalation Data:	Not determined.

Section 12: Ecological Information

Mobility:	Very low water solubility and will form a surface film.
Degradation:	Generally biodegradable.
Accumulation:	Unlikely to bioaccumulate. Contaminated water must be cleared before entering sewerage.

Section 13: Disposal Considerations

Waste Disposal:	Waste must be disposed of in accordance with federal, provincial or state and local environmental control regulations.
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Section 14: Transport Information

International Carriage of Dangerous Goods by Road (ADR)

UN No.:	UN3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S
Packing Group:	III
Class:	9
Tunnel Restriction Code:	(E)
Label:	9

Air Transport (ICAO/IATA)

UN No.:	UN3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S
Packing Group:	III
Class:	9
Tunnel Restriction Code:	(E)

Sea Transport (IMDG)

UN No.:	UN3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S
Packing Group:	III
Class:	9
EmS:	F-A, S-F

Section 15: Other Regulatory Information

Not available

Section 16: Other Information

Disclaimer:

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