



Plant's Power Inc
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Contact: 1-416-766-1254

Material Safety Data Sheet Cajeput Oil

Section 1: Product and Company Identification

Product Name: Cajeput Oil

Botanical Name: *Melaleuca leucadendron/Melaleuca cajuputi*

INCI Name: Melaleuca Leucadendron Cajaputi Oil

CAS No.: 8008-98-8

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: Essential oil obtained by steam distillation of the leaves of *Melaleuca cajuputi*

Name CAS No. % by Weight: Cajeput oil 8008-98-8 100%

Component:

Cajeput oil – CINEOL

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

H411: Toxic to aquatic life with long lasting effects

Hazardous Components: Cajeput oil: ORAL (LD50): Acute: 3870 mg/kg [Rat]

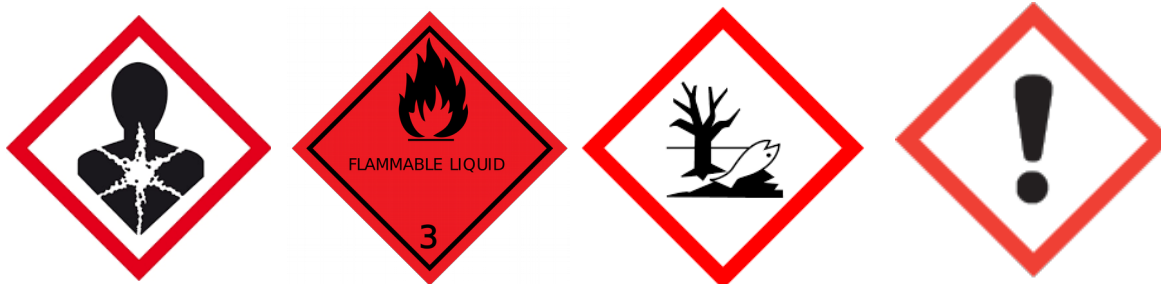
Section 3: Hazards Identification

Classification of the substance or mixture

GHS Classification in accordance with Regulation (EC) No. 1272/2008

GHS Label elements, including precautionary statements:

Pictogram:



Hazard Statements

H410: Very toxic to aquatic life with long lasting effects

H226: Flammable liquid and vapours

H304: May be fatal if swallowed and enters airway

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H350: May cause cancer

H341: Suspected of causing genetic defects

Precautionary Statements

P362: Take off contaminated clothing and wash before reuse

P210: Keep away from heat/sparks/open flames/hot surfaces – no smoking

P273: Avoid release to the environment

P280: Wear protective gloves/eye protection/face protection

P281: Use personal protective equipment as required

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

P308+313: If exposed or concerned: 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: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact: Wash off with soap and plenty of water. Consult a physician.

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

Section 5: Fire and Explosion Data

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

Unsuitable Extinguishing Media: Do not use water.

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

Section 6: Accidental Release Measures

Personal Precautions: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area.

Environmental Precautions: To avoid possible, contamination of the environment. Do not discharge into any drains, surface water or groundwater.
Cover with an inert, inorganic, non-combustible absorbent material. Place in covered containers using non-sparking tools and transport outdoors.
Avoid open flames or sources of ignition. 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

Safe Handling 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 areas.
Vapours may form explosive mixtures with air. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharge).

Safe 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

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

Appearance:	Mobile liquid.
Colour:	A pale yellow, sometimes with a green tint – white mobile liquid.
Specific Gravity:	0.905 – 0.935 at 25°C (Water = 1).
Refractive Index:	1.461 – 1.472 at 20°C.
Optical Rotation:	+3° to -4°.
Solubility:	Soluble in 2 volume of 70% ethanol.
Solubility in Water:	Insoluble.
Flash Point:	<93.33°C

Section 10: Stability and Reactivity Data

Reactivity:	Not available.
Chemical Stability:	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.
Incompatible Materials:	None known.
Hazardous Decomp.:	Carbon monoxide and other unidentified.

Section 11: Toxicological Information

Not available

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 Methods: Do not put into sewer lines. Dispose of according to local, state and federal regulations.

Section 14: Transport Information

Road Transport (ADR)

UN No.: UN1993
Packing Group: III
Class: 3
Tunnel Restriction Code: (D/E)
Label: 3

Air Transport (IATA)

UN No.: UN1993
Packing Group: III
Class: 3

Sea Transport (ADR)

UN No.: UN1993
Packing Group: III
Class: 3
EmS: F-E, S-E
Marine Pollutant: Yes

Section 15: Other Regulatory Information

Classification according to the Directive 67/548/EEC

Hazard Symbols

Xn: Harmful
N: Dangerous for the environment

Risk Phrases

R10: Flammable
R43: May cause sensitization by skin contact
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65: Harmful, may cause lung damage if swallowed

Hazard Statements

H226: Flammable liquid
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation

H317: May cause an allergic skin reaction

H411: Toxic to aquatic life with long lasting effects

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.
