



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

## Material Safety Data Sheet Eucalyptus Globulus Oil

### Section 1: Product and Company Identification

Product Name: Eucalyptus Oil  
 Botanical Name: *Eucalyptus globulus*  
 INCI Name: Eucalyptus globulus leaf oil  
 EINECS No.: 283-406-2  
 CAS No.: 8000-48-4

#### Contact Information:

Plant Power, 2700 St Clair Ave. West Unit 3 Toronto, Ontario, Canada M6N 1M2 Contact: 1-416-766-1254 <a href="http://www.PlantPower.ca">http://www.PlantPower.ca</a> <a href="mailto:contactus@plantpower.ca">contactus@plantpower.ca</a>	24 HOUR EMERGENCY TELEPHONE NUMBER: (647) 427-4480
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### Section 2: Composition and Information on Ingredients

Product Name	CAS No.	EC No.	Concentration (%)
Limonene	138-86-3	205-341-0	0.05 – 15.0
Camphor	464-49-3	207-355-2	Less than 0.1
Alpha-pinene	7785-70-8	232-087-8	0.05 – 10.0
Beta-pinene	18172-67-3	242-060-2	0.05 – 1.5
1.8 Cineole	470-82-6	2017-431-5	More than 80%

## Section 3: Hazards Identification

Emergency Overview

WHMIS Classification

B3 Combustible Liquid

D2B Toxic material causing moderate skin irritant. Other toxic effects: skin sensitizers.

GHS Classification

Flammable Liquid, Category 3

Acute Toxicity Oral – Category 5

Skin Sensitization – Category 1

Skin Irritation – Category 2

Aspiration Hazard – Category 1

Hazardous To The Aquatic Environment – Acute Hazard – Category 2

Hazardous To The Aquatic Environment – Chronic Hazard – Category 2

GHS Label elements, including precautionary statements



Signal: Danger

Hazard Statement(s)

H226	Flammable liquid and vapor.
H303	May be harmful if swallowed.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

Precautionary Statement(s)

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do not induce vomiting.

HMIS Classification & Potential Health Effects

## HMIS Ratings

Health : 2

Flammability : 3

Physical Hazard : 0

Personal protection : B

Inhalation May be harmful if inhaled. Causes respiratory tract irritation

Skin May be harmful if absorbed through skin. Causes skin irritation.

Ingestion Maybe harmful if swallowed

## Section 4: First Aid Measures

Eye contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact: Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation: If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion: Seek medical attention or contact local poison control center.

## Section 5: Fire and Explosive

Suitable extinguishing media: Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media: Water spray, water jet.

Special protective equipment and precautions for fire-fighters: exposed fighting containers. Wear proper protective equipment. Exercise caution when any chemical fire. Use water spray or fog for cooling.

Special hazards arising from the substance

or its combustible products: heat Hazardous decomposition products may be formed at extreme or if burned.

Resulting gases: Carbon oxides.

## Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up: material Clean up any spills as soon as possible, using an absorbent to collect it. Use suitable disposal containers.

## Section 7: Handling and Storage

Precautions for safe handling: No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures. Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## Section 8: Exposure Controls/Personal Protection Engineering

Eyes: Use tightly sealed goggles.  
Skin: If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.  
Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 9: Physical and Chemical Properties

Appearance: Colorless to pale yellow liquid.  
Odor: Pungent, cineol odor.  
Flash point: 52 °C  
Relative density: 0.905 - 0.927 @ 20°C.  
Solubility (ies): Soluble in 5 volumes of 70% ethyl alcohol.  
Refractive index: 1.4580 - 1.4650 @ 20°C.  
Optical rotation: 0° to +10°

## Section 10: Stability and Reactivity

Reactivity: This material presents no significant reactivity hazard.  
Chemical stability: Chemically stable.  
Possibility of hazardous reactions: Hazardous polymerization will not occur.  
Conditions to avoid: Avoid sparks, flame and other heat sources.  
Incompatible materials: Strong oxidizing agents.  
Hazardous decomposition products: Carbon Oxides.

## Section 11: Toxicological Information

Acute toxicity: LD50 Dermal - Rabbit - > 5,000 mg/kg

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.  
Skin contact: Adverse skin effects should be prevented by normal care and personal hygiene.  
Eye contact: Possible irritation should be prevented by wearing safety glasses.

### **Section 12: Ecological Information**

Eco toxicity: Avoid any pollution of ground, surface or underground water.  
Persistence and degradability: Not available.  
Bio - accumulative potential: Not available.  
Mobility in soil: Not available.  
Other adverse effects: Not available.

### **Section 13: Disposal Considerations**

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

### **Section 14: Transport Information**

UN Number 1993  
UN proper shipping name Flammable liquid, n.o.s. (Alpha-pinene)  
Transport hazard class 3  
Packing group III

US DOT Shipping Description (Land) 1993  
Proper shipping name Flammable liquid, n.o.s. (Alpha-pinene)  
Class 3  
Packaging group III

IMO-IMDG Shipping Description (Sea) 1993  
Proper shipping name Flammable liquid, n.o.s. (Alpha-pinene)  
Class 3  
Packaging group III

IATA Shipping Description (Air) 1993  
Proper shipping name Flammable liquid, n.o.s. (Alpha-pinene)  
Class 3  
Packaging group III

### **Section 15: Other Regulatory Information**

WHMIS Classification B3, D2B

### **Section 16: Other Information**

A source of Limonene, listed as a sensitizers. Check maximum usage levels for skin care products.

**Disclaimer:**

Reviewed Date: May 11<sup>th</sup> , 2018

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