



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

## Material Safety Data Sheet Lemongrass Oil

### Section 1: Product and Company Identification

Product Name: Lemongrass Oil

Botanical Name: *Cymbopogon flexuosus*

INCI Name: Cymbopogon Flexuosus Oil

CAS No.: 91844-92-7

UN description. UN 3082 Environmentally hazardous substance, liquid, n.o.s.

Country of Origin: India

### Contact information:

Plant's Power Inc 3-2700 St.Clair Ave west Toronto, Ontario 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

Chemical Identification: Oil, Lemongrass

Packaging Group: III Class: 9

### Section 3: Hazards Identification

#### GHS Classification

Skin Irritation - Category 2.

Skin Sensitization - Category 1

Eye Irritation - Category 2

Aquatic Chronic - Category 1

## GHS Label elements



### Hazard statements

- H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation  
H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements

- P261 Avoid breathing dust, fumes, gas, mist, vapours or spray.  
P264 Wash hand thoroughly with soap and water after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves, protective clothing, eye protection and/or face protection.  
P321 Specific treatment.  
P362 Take off contaminated clothing.  
P363 Wash contaminated clothing before reuse.  
P391 Collect spillage.  
P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation to ensure compliance.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water .  
P332+P313 If skin irritation occurs: Get medical advice/at

## Section 4: First Aid Measures

- Eye contact: Flush with water for at least 15 minutes. Call physician if irritation persists.  
Inhalation: Avoid casual breathing. Remove to fresh air.  
Ingestion: Rinse mouth and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly-losing consciousness, or is convulsing.  
Skin contact: Remove contaminated clothing. Wash with soap and plenty of water.

## Section 4: First Aid Measures

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- Inhalation: Avoid casual breathing. Remove to fresh air.
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- Skin contact: Remove contaminated clothing. Wash with soap and plenty of water.

## Section 5: Fire and Explosion Data

- Flash Point: 66 °C  
Combustible liquid. Will ignite if moderately heated.
- Suitable Extinguishing Media: CO<sub>2</sub>, foam and dry chemicals.  
DO NOT use direct water jet on burning material.

## Section 6: Accidental Release Measures

- Spillage: Absorb spills, cover with an inert, non-combustible, inorganic absorbent material, and remove to an approved disposal container.

## Section 7: Handling and Storage

- Storage: Store in cool, dry and well ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight. Keep air contact to minimum.

## Section 8: Exposure Controls/Personal Protection

### Personal Protection

- Eye Protection: Use safety glasses.
- Respiratory: Avoid breathing in product by ensuring good ventilation when handling.
- Skin: Avoid skin contact by using chemical resistant gloves and overall.

## Section 9: Physical and Chemical Properties

- Appearance: Yellow to brownish yellow liquid.
- Odor: Very strong and stimulating characteristic lemon odor.
- Solubility: Soluble in alcohol and oils. Insoluble in water.
- Specific Gravity: 0.890 – 0.904 @ 20°C
- Refractive Index: 1.4830 – 1.4880 @ 20°C
- Optical Rotation: -3.0 – 1.0 @ 20°C
- Extraction Method: Steam distillation of the grass
- Contents: Mainly consists of citral (neral and geranial)with the following terpenoids of nerol, limonene, linalool and β-caryphyllene

Flash Point: 66 °C

## Section 10: Stability and Reactivity Data

Reactivity: Stable.

Decomposition: When heated to decomposition produces sulfur fumes and carbon monoxide smoke.

## Section 11: Toxicological Information

Eye Contact: Liquid may irritate eyes and skin. Corrosive properties.

Skin Contact: Liquid may cause dermatitis, or allergic dermatitis on repeated contact with skin.

## Section 12: Ecological Information

Environment: Keep away from drains, surface and ground water.

## Section 13: Disposal Considerations

Waste Disposal: Do not put into sewer lines. Dispose of in accordance with state, local and federal regulations.

## Section 14: Transport Information

US DOT Shipping Description (Land)

UN No.: 3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.

Class: 9

Packaging group: III

IMO-IMDG Shipping Description (Sea)

UN No.: 3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.

Class: 9

Packaging group: III

IATA Shipping Description (Air)

UN No.: 3082

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.

Class: 9

Packaging group: III

## Section 15: Other Regulatory Information

Not available

## **Section 16: Other Information**

### **Disclaimer:**

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