SAFETY DATA SHEET (SDS)

Revised Date: October 29, 2026

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Lemongrass Organic Essential Oil
Botanical name	:	Cymbopogon flexuosus
INCI name	:	Cymbopogon Flexuosus Herb Oil
CAS #	:	8007-02-1 / 91844-92-7
Country of Origin	:	India
EINECS #	:	281-161-9
Product use	:	Domestic and Industrial
Supplier / Distributor	:	Cosmetic Labs Canada
Address	:	298 Wellington St W, Sault Ste. Marie, Ontario P6A 1H7
Website	:	www.cosmeticlabscanada.com
Emergency	:	CANUTEC (613) 996-6666 (24 hours)
After-hours support	:	705-910-6300

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable liquids - Category 4

Skin Corrosion/Irritation - Category 2

Skin Sensitisation - Category 1

Serious eye damage/eye irritation - Category 1

Hazardous to the aquatic environment, Chronic - Category 3

GHS Label elements, including precautionary statements





Signal

Danger

Hazard statement(s)

H227	Combustible liquid.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long-lasting effects.

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash skin thoroughly 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/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Citral	5392-40-5	226-394-6	67 - 75 %
Geraniol	106-24-1	203-377-1	5-8%
Geranyl acetate	105-87-3	203-341-5	2-5%
beta-Caryophyllene	87-44-5	201-746-1	1-3%
6-Methyl-5-hepten-2-one	110-93-0	203-816-7	1-2%
Camphene	79-92-5	201-234-8	0.5 - 2 %
Linalool	78-70-6	201-134-4	0.5 - 2 %
I-Limonene	5989-54-8	227-815-6	0.1 - 1 %

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, remove to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

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

Resulting gases

Carbon oxides.

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

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

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.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow to light reddish brown cloudy to clear liquid.
Odor	:	Fresh grassy-lemon odor.
Flash point	:	71°C
Relative density	:	0.886 to 0.896 @ 25°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.477 to 1.485 @ 20°C
Optical rotation	:	-4.0° to +1.0° @ 25°C

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.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Lemongrass Oil: LD50 Oral - 2885 mg/kg.

Chronic toxicity
May cause allergic reactions on skin.

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.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life with long lasting effects. 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.

13. DISPOSAL CONSIDERATION

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

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)
Not regulated

IMO-IMDG Shipping Description (Sea)

Not regulated

IATA Shipping Description (Air)

Not regulated

15. REGULATORY INFORMATION

California Proposition 65

This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revised Date : October 29, 2026

Disclaimer & Caution

Please refer to all relevant technical information specific to the product prior to use. The information contained in this document is obtained from sources believed to be current and reliable. Cosmetic Labs Canada provides this information for guidance but makes no representation or warranty as to its completeness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its suitability for a particular purpose. Users are responsible for compliance with applicable laws and regulations and for the safe handling, storage, use and disposal of this product. Cosmetic Labs Canada is not responsible for outcomes arising from use of this information beyond its control.