



## SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22,2022

### 1. PRODUCT AND COMPANY IDENTIFICATION

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Product name	:	Lemongrass 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	:	Voyageur Soap and Candle Company Ltd.
Address	:	14 - 19257 Enterprise Way Surrey, BC V3S 6J8
Telephone number	:	1(800) 758-7773
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY
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### 2. HAZARDS IDENTIFICATION

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#### Emergency Overview

#### GHS Classification

Flammable liquids - Category 4

Skin corrosion/irritation - Category 2

Skin Sensitization - Category 1

Serious eye damage/eye irritation - Category 2A

Hazardous to the aquatic environment — Chronic Hazard - Category 3

#### GHS Label elements, including precautionary statements



Signal: Warning

#### Hazard statement(s)

H227	Combustible liquid.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P321	Specific treatment (see section 4 on the SDS).
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P391	Collect spillage.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Cymbopogon Flexuosus Herb Oil	91844-92-7	289-754-1	100 %

### 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.

### 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**

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### **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**

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### **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**

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### **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**

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Appearance	:	Pale yellow to pale green liquid.
Odor	:	Characteristic citral odor.
Flash point	:	71°C
Relative density	:	0.8900 to 0.904 0 @ 25 °C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.480 to 1.489 @ 25 °C
Optical rotation	:	-5.0° to +1.0° @ 25 °C

## **10. STABILITY AND REACTIVITY**

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### **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**

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**Acute toxicity**

Lemongrass Oil:  
LD50 Oral - 2885 mg/kg.

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**Signs & symptoms of exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Inhalation**

May cause respiratory irritation.

**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**

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**Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

**Persistence and degradability**

Not available.

**Bio - accumulative potential**

Not available.

**Mobility in soil**

Not available.

**13. DISPOSAL CONSIDERATION**

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

## 14. TRANSPORT INFORMATION

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### UN Number

3082

### UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Lemongrass oil)

### Transport hazard class

9

### Packing group

III

### US DOT Shipping Description (Land)

3082

### Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Lemongrass oil)

### Class

9

### Packaging group

III

### IMO-IMDG Shipping Description (Sea)

3082

### Class

9

### Packaging group

III

### IMDG-Marine pollution

Yes.

### IATA Shipping Description (Air)

3082

### Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Lemongrass oil)

### Class

9

### Packaging group

III

## 15. REGULATORY INFORMATION

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### 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](http://www.P65Warnings.ca.gov).

### GHS Hazard Statements

See section 2.

### GHS Precautionary Statements

See section 2.

## 16. OTHER INFORMATION

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Revision date : April 22,2022

### **Disclaimer & Caution**

The information provided in this Safety Data Sheet is based on current available data and knowledge and is believed to be accurate and given in good faith. Voyageur Soap and Candle Company Ltd. and its subsidiaries however assume no liability and make no warranty, either expressed or implied, pertaining to the accuracy and completeness of the information contained herein including in regards to fitness and merchantability. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and therefore should not be construed as guaranteeing any specific property. The information herein relates only to the specific designated material and may not be valid for such material used in combination with any other materials, or in any process not specified in the text. Users should therefore consider this data only as a supplement to other information available from all other sources, and should incorporate this information into programs for the proper use and disposal of their materials and the health and safety of employees and customers.

End of Safety Data Sheet