

The Essential Oil Company  
8225 SE 7<sup>th</sup> Ave  
Portland, Oregon

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product name

Lemongrass Essential Oil  
Botanical name: Cymbopogon flexuosus  
INCI name: Cymbopogon Flexuosus Oil  
CAS # 8007-02-01

Company:  
The Essential Oil Company  
8225 SE 7<sup>th</sup> Ave  
Portland, Oregon 97202  
503-872-8772

Emergency phone number: 800-729-5912

### 2. HAZARDS IDENTIFICATION

Emergency Overview

WHMIS Classification

B3 Combustible Liquid

D2B Toxic Material Causing Moderate eye irritant

Other Toxic Effects: Moderate respiratory irritant. Moderate skin irritant

GHS Label elements, including precautionary statements



#### Hazard Statements

H227 Combustible Liquid

H315 Causes skin irritation  
H319 Causes serious eye damage  
H335 May cause respiratory irritation

### **Precautionary Statements**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/  
spray  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several  
minutes.  
Remove contact lenses, if present and easy to do.  
Continue rinsing.

Signal:

Warning

HMIS Ratings

Health : 2, Flammability : 2, Physical Hazard : 0

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

### **3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name

Concentration:

Citral: 75- 85%

### **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.

**Resulting gases**

Carbon Monoxide, Carbon Dioxide.

**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**

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. Contaminated clothing and shoes should be cleaned before re-use.

**Conditions for safe storage, including any incompatibilities**

Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition. Make sure the material does not come into contact with substances listed as: "Materials to Avoid".

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure controls**

These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.

**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.

Ingestion

Not for ingestion.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Pale yellow to golden yellow liquid

Odor: Characteristic lemon-like odor

Flash point: 71 °C

Relative density: 0.885 to 0.904 @ 25degC

Solubility: Soluble in alcohol and oils. Insoluble in water.

Refractive index: 1.480 to 1.489 @ 25 degC

## **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**

LD50 Oral - Rat - > 5,000 mg/kg.

LD50 Dermal - Rabbit - > 5,000 mg/kg

### **Carcinogenicity**

None of the components of this material are listed as a carcinogen.

### **Chronic toxicity**

May cause allergic reactions on skin.

Reproductive toxicity

No adverse effects on reproduction are known.

**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.

**Ingestion**

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

**Repeated exposure**

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

**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)

NA-Number – 1993

Proper shipping name

Combustible Liquid, n.o.s. (lemongrass, oil)

Class

None

Packaging group

III

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

## **15. REGULATORY INFORMATION**

HMIS (USA)

B3, D2B

SARA 302

None.

SARA 313

None.

California Proposition 65

This product does not contain chemicals listed per the Safe Drinking Water and Enforcement Act of 1986.

## **16. OTHER INFORMATION**

### **Disclaimer & Caution**

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