The Essential Oil Company
8225 SE 7th 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 7th 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

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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