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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Lemon (Argentina) Essential Oil Citrus

Botanical name : limon (L.) Burm

FEMA : 2625

INCI name : Citrus limon peel oil

CAS # : 8008-56-8

Country of Origin : Argentina

Product use : Domestic and Industrial

Supplier : Essential Depot, Inc.

Address : 4605 Oak Circle, Sebring, FL 33870

Fax :

Telephone number : 866-840-2495

Emergency phone number : 863-658-4398 Monday-Friday 9am-6pm

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## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### WHMIS Classification

B3 Combustible Liquid.

### GHS Classification

Flammable Liquid, Category 3.

Skin Corrosion/Irritation - Category 2

Skin Sensitization - Category 1

Hazardous to the aquatic environment - Acute Category 1

Hazardous to the aquatic environment - Chronic Category 1

### GHS Label elements, including precautionary statements



Signal : Warning

Hazard statement(s)

H226 Flammable liquid and vapor  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction.  
H304 May be fatal if swallowed and enters airways.  
H410 Very toxic to aquatic life with long lasting effects  
H400 Very toxic to aquatic life.

Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P264 Wash hands thoroughly after handling.  
P273 Avoid release to environment  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P501 Dispose of contents/container in accordance with regulations.

**HMIS Classification & Potential Health Effects**

**HMIS Ratings**

Health : 0, Flammability : 1, Physical Hazard : 0, Personal protection : B

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**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Limonene			60 - 70%

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**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.

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**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.

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**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.

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**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.

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**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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Pale yellow to greenish liquid.

Odor : Odor reminiscent of lemon peel.

Initial b.p and boiling range :	155°C
Flash point :	47 °C.
Relative density :	0.8470 – 0.8540 @ 20°C
Solubility (ies) :	Soluble in alcohol and oils. Insoluble in water.
Refractive index :	1.4720 – 1.4760 @ 20°C
Optical rotation :	+58° – +70° @ 20°C

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## 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.

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## 11. TOXICOLOGICAL INFORMATION

### 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.

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic to aquatic organisms, may cause long-term adverse effects environment. 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.

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**13. DISPOSAL CONSIDERATION**

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

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**14. TRANSPORT INFORMATION****US DOT Shipping Description (Land)**

UN # - 1993

**Proper shipping name**

Flammable liquids, n.o.s.

**Class**

3

**Packaging group**

III

**IMO-IMDG Shipping Description (Sea)**

UN # - 1993

**Proper shipping name**

Flammable liquids, n.o.s.

**Class**

3

**Packaging group**

III

**IMDG-Marine pollution**

Yes

**IATA Shipping Description (Air)**

UN # - 1993

**Proper shipping name**

Flammable liquids, n.o.s.

**Class**

3

**Packaging group**

III

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**15. REGULATORY INFORMATION****WHMIS Classification**

B3

**California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (included in Proposition 65 revised list): -Contains Myrcene.

**GHS Hazard Statements**

See section 2.

**GHS Precautionary Statements**

See section 2.

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**16. OTHER INFORMATION**

Revision date : July 20, 2016

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