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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Lavandin Grosso Essential Oil

Botanical name : Lavandula hybrida

INCI name : Lavandula hybrida oil

CAS # : 8022-15-9 / 91722-69-9

Country of Origin : France

EINECS # : 294-470-6

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

Skin Corrosion/Irritation Category 2

Skin Sensitization - Category 1

Eye irritation - Category 2A.

Aspiration toxicity - Category 1

Hazardous to the aquatic environment - Chronic Category 3

Flammable Liquid - Category 4

### GHS Label elements, including precautionary statements



Signal : Danger

Hazard statement(s)

H304 May be fatal if swallowed and enters the airways.  
H315 Causes skin irritation  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.  
H227 Combustible Liquid

Precautionary statement(s)

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.  
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P501 Dispose of contents/container in accordance with local international regulations.  
P405 Store locked up.  
P333 + 313 If skin irritation or rash occurs: get medical advice/attention.  
P362 Take off contaminated clothing and wash it before reuse.

**HMIS Classification & Potential Health Effects**

**Inhalation**

May be harmful if inhaled. Causes respiratory tract irritation

**Skin**

May be harmful if absorbed through skin. Causes skin irritation.

**Eyes**

Causes serious eye irritation

**Ingestion**

May be fatal if swallowed.

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**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
1,8-cineole	470-82-6	207-431-5	4 - 8%
Limonene	138-86-3	205-341-0	0.5 - 1.5%
Cis-beta-ocimene			0.5 - 1.5%
Trans-beta-ocimene			Trace - 1%
Camphor	464-49-3	207-355-2	6 - 8.5%
Linalool	78-70-6	201-134-4	24 - 37%
Linalyl acetate	115-95-7	204-116-4	25 - 38%
Terpinene-4-ol	562-74-30		1.5 - 3.5%
Borneol	507-70-0	208-080-0	1.5 - 3.5%
Lavandulol	498-16-8		0.2 - 1%

Lavandulyl acetate	25905-14-0	247-327-7	1.5 - 3.5%
Myrcene	123-35-3	204-622-5	0.3 - 1%
Alpha-Terpineol	98-55-5	233-986-8	0.3 - 1.3%

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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**

water spray, alcohol resistant foam.

##### **Unsuitable extinguishing media**

Water with full jet

##### **Special protective equipment and precautions for fire-fighters**

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

##### **Special hazards arising from the substance or its combustible products**

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

##### **Resulting gases**

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

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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, such as sawdust, diatomite or sand, 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

### Exposure controls

Ensure adequate ventilation, especially in confined areas.

### 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	:	Colorless to pale yellow liquid.
Odor	:	Sweet floral, herbaceous odor.
Flash point	:	74 °C (closed cup)
Relative density	:	0.891 - 0.890 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.4580-1.4620 @ 20°C
Optical rotation	:	-7° to -3.5°

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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**

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

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**11. TOXICOLOGICAL INFORMATION****Respiratory or skin sensitization**

May cause an allergic skin reaction.

**Inhalation**

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

**Skin contact**

Causes serious eye irritation.

**Eye contact**

Causes serious eye irritation.

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

Harmful 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)**

Not regulated

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

Not regulated

**IATA Shipping Description (Air)**

Not regulated

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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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