



# SAFETY DATA SHEET

## LEMON LAVENDER

### 1 Identification of the substance/mixture and the company/business

#### 1.1 Product identifier

**LEMON LAVENDER**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Perfume composition, flavour or aromatical ingredient, for an industrial usage, that can be used in end-user product.

#### 1.3 Details of the supplier of the safety data sheet

**Please find the actual manufacturer on product label**

Supplier : MANE (Shanghai) Fragrances & Flavours Co., Ltd  
Address : No. 612 Shan Lian Road, Baoshan Urban Industry Park- Shanghai 200444-CHINA  
Telephone : +86 21 3611 9900 (Only during office hours)  
e-mail : CN-SH.REG-SDS@mane.com

Supplier : MANE (China) Fragrances & Flavours Co., Ltd  
Address : No. 988, Xinxingyi Road, Pinghu Economic Technological Development Zone- Pinghu 314200, Zhejiang Province- CHINA  
Telephone : +86 573 8509 8989 (Only during office hours)  
e-mail : CN-SH.REG-SDS@mane.com

#### 1.4 Emergency telephone number

Ireland  
Organisation/company : National Poisons Information Centre Beaumont Hospital  
Address : PO Box 1297 Beaumont Road 9 Dublin  
Emergency number : +353 1 809 2566 (Healthcare professionals-24/7)  
+353 1 809 2166 (public, 8am-10pm, 7/7)

## 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

CLASSIFICATION ACCORDING Reg. 1272/2008/CE

#### Physical hazards

No hazard specified.

#### Health Dangers



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Skin irrit. 2: Causes skin irritation.  
Skin Sens. 1: May cause an allergic skin reaction.  
Eye Irrit. 2: Causes serious eye irritation.

### **Environmental hazards**

Aquatic Chronic 3: Harmful to aquatic life with long lasting effects.

## 2.2 **Label elements**



GHS07

### WARNING

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.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P333+P313: If skin irritation or rash occurs: Get medical advice.  
P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present.  
P337+P313: If eye irritation persists: Get medical advice  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P321: Specific treatment (see this label).  
P362: Take off contaminated clothing and wash before reuse.

EUH208: Contains GERANYLE ACETATE, EUGENOL, HEXYL CINNAMAL, NERYL ACETATE, DIMETHYL CYCLOHEXENE CARBOXALDEHYDE, METHYL CINNAMATE, ALLYL CYCLOHEXYLPROPIONATE, 4-TERPINENOL, (-) TRANS BETA CARYOPHYLLENE. May produce an allergic reaction.

## 2.3 **Other hazards**

PBT-Substances, vPvB-Substances: None  
Endocrine Disruptors: None

Other information: None

For a complete list of references and phrases mentioned in this chapter, see chapter 16.

# [x] 3 COMPOSITION / INFORMATION ON INGREDIENTS

## 3.1 **Substances**

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CAS-No.: Not applicable

**3.2 Mixtures**

## Hazardous Substances

Component	CAS number REACH number Index number	Concentration limit	CLASSIFICATION ACCORDING Reg. 1272/2008/CE	Other hazard information
LINALYL ACETATE	115-95-7	[10 % , 20 %]	Skin irrit. 2, H315 Skin Sens. 1, H317	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l
2,6-dimethyloct-7-en-2-ol	18479-58-8 01-2119457274-37-XXXX	[5 % , 10 %]	Skin irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3 (NE), H336	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 3020 mg/kg CL50 Inhalation - vapor > 100 mg/l
EUCALYPTOL	470-82-6	[5 % , 10 %]	Flam. Liq. 3, H226 Skin Sens. 1B, H317	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 2480 mg/kg CL50 Inhalation - vapor > 100 mg/l
D-LIMONENE	5989-27-5 601-096-00-2	[1 % , 5 %]	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	M factor: 1 SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l
LINALOOL	78-70-6 603-235-00-2	[1 % , 5 %]	Skin irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 2790 mg/kg CL50 Inhalation - vapor > 100 mg/l
CITRAL	5392-40-5 605-019-00-3	[1 % , 5 %]	Skin irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l

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Component	CAS number REACH number Index number	Concentration limit	CLASSIFICATION ACCORDING Reg. 1272/2008/CE	Other hazard information
<b>BENZYL ACETATE</b>	140-11-4	[1 % , 5 %]	Aquatic Chronic 3, H412	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral 2490 mg/kg
<b>COUMARIN</b>	91-64-5	[1 % , 5 %]	Acute Tox. 4 Oral, H302 Skin Sens. 1B, H317	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 500 mg/kg CL50 Inhalation - vapor > 100 mg/l
<b>ETHYL MALTOL</b>	4940-11-8 01-2120758795-36-XXXX	[1 % , 5 %]	Acute Tox. 4 Oral, H302	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 1200 mg/kg CL50 Inhalation - vapor > 100 mg/l
<b>LAVANDIN ESSENTIAL OIL</b>	8022-15-9 01-2120736147-55-XXXX	[1 % , 5 %]	Eye Irrit. 2, H319 Aquatic Chronic 3, H412	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor N/A mg/l
<b>CITRONELLOL</b>	106-22-9	[1 % , 5 %]	Skin irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal 2650 mg/kg LD50 Oral 3450 mg/kg CL50 Inhalation - vapor > 100 mg/l
<b>HEXYL SALICYLATE</b>	6259-76-3 01-2119638275-36-XXXX	[1 % , 5 %]	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M factor: 1 SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l
<b>GERANYLE ACETATE</b>	105-87-3	[0.1 % , 1 %]	Skin irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg

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Component	CAS number REACH number Index number	Concentration limit	CLASSIFICATION ACCORDING Reg. 1272/2008/CE	Other hazard information
				CL50 Inhalation - vapor > 100 mg/l
EUGENOL	97-53-0	[0.1 % , 1 %]	Skin Sens. 1B, H317 Eye Irrit. 2, H319	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 2300 mg/kg CL50 Inhalation - vapor > 100 mg/l
HEXYL CINNAMAL	101-86-0	[0.1 % , 1 %]	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	M factor: 1 SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 3100 mg/kg CL50 Inhalation - vapor > 100 mg/l
NERYL ACETATE	141-12-8	[0.1 % , 1 %]	Skin Sens. 1B, H317	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l
DIMETHYL CYCLOHEXENE CARBOXALDEHYDE	68039-49-6 01-2119982384-28-XXXX	[0.1 % , 1 %]	Skin irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 2330 mg/kg CL50 Inhalation - vapor > 100 mg/l
PARACYMENE	99-87-6	[0.1 % , 1 %]	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 3 Inhalation, H331 Repr. 2, H361 Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 4750 mg/kg CL50 Inhalation - vapor 9.7000 mg/l
ALLYL ISOAMYLGLYCOLATE	67634-00-8 01-2120794630-50-XXXX	[0.1 % , 1 %]	Acute Tox. 4 Oral, H302 Skin irrit. 2, H315 Acute Tox. 2 Inhalation, H330	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 730 mg/kg CL50 Inhalation - vapor 0.5000 mg/l
METHYL CINNAMATE	103-26-4	[0.1 % , 1 %]	Skin Sens. 1B, H317	M factor: Not applicable SCL: Not applicable

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Component	CAS number REACH number Index number	Concentration limit	CLASSIFICATION ACCORDING Reg. 1272/2008/CE	Other hazard information
	01-2119979458-16-XXXX			ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 2610 mg/kg CL50 Inhalation - vapor > 100 mg/l
<b>ALLYL CYCLOHEXYLPROPIONATE</b>	2705-87-5 01-2119976355-27-XXXX	[0.1 % , 1 %]	Acute Tox. 4 Oral, H302 Acute Tox. 4 Dermal, H312 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	M factor: 1 SCL: Not applicable ATE: LD50 Dermal 1600 mg/kg LD50 Oral 380 mg/kg CL50 Inhalation - vapor > 100 mg/l
<b>DIPHENYL ETHER</b>	101-84-8 01-2119472545-33-XXXX	[0.1 % , 1 %]	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	M factor: 1 SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral 2830 mg/kg
<b>MYRCENE</b>	123-35-3	[0.1 % , 1 %]	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	M factor: 1 SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral > 5000 mg/kg
<b>4-TERPINENOL</b>	562-74-3	[0.1 % , 1 %]	Acute Tox. 4 Oral, H302 Skin irrit. 2, H315 Skin Sens. 1, H317 Acute Tox. 4 Inhalation, H332 STOT SE 3 (NE), H336	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal 2500 mg/kg LD50 Oral 1300 mg/kg CL50 Inhalation - vapor 11 mg/l
<b>(-) TRANS BETA CARYOPHYLLENE</b>	87-44-5	[0.1 % , 1 %]	Asp. Tox. 1, H304 Skin Sens. 1B, H317	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l

The REACH number is specific to V MANE FILS legal entity.

Ingredients having an occupational exposure limit value: See section 8.

## 4 FIRST AID MEASURES



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### **4.1 Description of first aid measures**

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### **4.2 Most important symptoms and effects, both acute and delayed**

Get medical attention if symptoms persist.

### **4.3 Indication of any immediate medical attention and special treatment needed**

Never give liquid to an unconscious person.

## **5 FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing media**

Water, CO2 or Foam  
Extinguishing media to avoid  
Avoid water in straight hose stream; will scatter and spread fire.

### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing dust or vapor.  
Cool containers exposed to flames with water until well after the fire is out.

### **5.3 Advice for firefighters**

No specific precautions.

## **6 Measures to adopt in case of accidental dispersion**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Contain spillages with sand, earth or any suitable adsorbent material.

### **6.2 Environmental precautions**

There must be no release into the environment.



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### 6.3 Methods and material for containment and clean-up

Collect with non-combustible absorbent material. Flush with water. Dike for large spills.

### 6.4 Reference to other sections

See Section 8 of the SDS for Personal Protective Equipment.

For waste disposal, see section 13 of the SDS.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

Do not breathe vapor from heated material.

### 7.2 Condition for safe storage, including any incompatibilities

Keep only in the original container in an appropriate place.

### 7.3 Specific end use(s)

No specific precautions.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Occupational exposure limits

#### *National OELs values*

Component	CAS	Concentration limit	VLEP-8h (mg/m3)
D-LIMONENE	5989-27-5	[1 % , 5 %]	ARGENTINA: None BRAZIL: None CHINA: None GERMANY: 28 FRANCE: None INDONESIA: None JAPAN: None POLAND: None UNITED STATES OF AMERICA: 30 (AIHA)
CITRAL	5392-40-5	[1 % , 5 %]	ARGENTINA: None BRAZIL: None

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			CHINA: None GERMANY: None FRANCE: None INDONESIA: None JAPAN: 5 (ACGIH) POLAND: 27 UNITED STATES OF AMERICA: 5 (ACGIH)
<b>BENZYL ACETATE</b>	140-11-4	[1 % , 5 %]	ARGENTINA: None BRAZIL: None CHINA: None GERMANY: None FRANCE: None INDONESIA: 61 JAPAN: 10 (ACGIH) POLAND: None UNITED STATES OF AMERICA: 10 (ACGIH)

### European Indicative OELs values

None

## 8.2 Exposure controls

### Face & eye protection:

Use safety glasses or a face shield according to Standard EN 166 and according to the hazard analysis specific to the workplace (chemical to be handled, protocol for use, frequency of use, quantity used, etc.).

### Hand & skin protection:

Use chemical resistant gloves in accordance with Standard EN 374 for protective gloves against chemicals. When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to Standard EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to Standard EN 374) is recommended. Thickness > or = 0.2 mm. Please observe the instructions regarding permeability and breakthrough time which are provided by the glove supplier. Permeation time must exceed contact time. Choose the type of gloves according to the chemical properties of the products being handled. Change gloves according to the manufacturer's recommendations or if they are damaged. Wear protective clothing covering the arms and legs. Use an apron or full suit if exposure is expected. These recommendations must be adapted according to the hazard analysis specific to the workplace.

### Respiratory protection:

Use in a well-ventilated area. In the event that ventilation is not sufficient to prevent inhalation of substances or reduce airborne concentrations below an established occupational exposure limit, use an adequate respiratory apparatus to supplement the engineering measures already in place. These recommendations must be adapted according to the hazard analysis specific to the workplace.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

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- Physical State: LIQUID
- Color: From COLORLESS to YELLOW
- Odor: Characteristic
- pH: No data available.
- Melting point (°C): No data available.
- Boiling point (°C): No data available.
- Flash point (°C): 75.0 °C (167.0 °F)
- Evaporation Rate: No data available.
- Flammability (solid, gas): No data available.
- Upper/lower limit on flammability or explosive limits: No data available.
- Vapor pressure: 0.13 mmHg
- Vapor Density: No data available.
- Specific Gravity: 0.9731 / 0.9831
- Solubility: No data available.
- Log Pow (n-Octanol/Water Partition Coefficient): No data available.
- Auto Ignition Temp. (°C): No data available.
- Decomposition temperature (°C): No data available.
- Viscosity at 40°C: No data available.
- Explosive properties: No data available.
- Oxidizing properties: No data available.
- Vapor pressure at 20°C: No data available.
- Vapor pressure at 50°C: No data available.

## 9.2 Other information

No other information noted.



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### 10 STABILITY AND REACTIVITY

#### 10.1 Reactivity

No data available.

#### 10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

#### 10.3 Possibility of hazardous reactions

No data available.

#### 10.4 Conditions to avoid

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

#### 10.5 Incompatible materials

No data available.

#### 10.6 Hazardous decomposition products

No data available.

### [x] 11 TOXICOLOGICAL INFORMATION

#### 11.1 Hazard class information as defined in Regulation (EC) No. 1272/2008

##### Product Information

LD50 Dermal(mg/kg)	> 5000 (Unknown: 0%) (Calculated)
LD50 Oral(mg/kg)	4408.3 (Unknown: 0%) (Calculated)
LC50 - Inhalation - vapor(mg/l)	89.470 (Unknown: 0%) (Calculated)

##### Component Information

Component	CAS	Concentration limit	LD50 Dermal (mg/kg)	LD50 Oral (mg/kg)	CL50 Inhalation - vapor (mg/l)
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LINALYL ACETATE	115-95-7	[10 % , 20 %[	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>
2,6-dimethyloct-7-en-2-ol	18479-58-8	[5 % , 10 %[	> 5000 <i>Estimated</i>	3020 <i>Estimated</i>	> 100 <i>Estimated</i>
EUCALYPTOL	470-82-6	[5 % , 10 %[	> 5000 <i>Estimated</i>	2480 <i>Estimated</i>	> 100 <i>Estimated</i>
LINALOOL	78-70-6	[1 % , 5 %[	> 5000 <i>Measured</i>	2790 <i>Measured</i>	> 100 <i>Estimated</i>
D-LIMONENE	5989-27-5	[1 % , 5 %[	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>
CITRAL	5392-40-5	[1 % , 5 %[	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>
COUMARIN	91-64-5	[1 % , 5 %[	> 5000 <i>Estimated</i>	500 <i>Estimated</i>	> 100 <i>Estimated</i>
LAVANDIN ESSENTIAL OIL	8022-15-9	[1 % , 5 %[	> 5000 <i>Measured</i>	> 5000 <i>Measured</i>	No data available.
ETHYL MALTOL	4940-11-8	[1 % , 5 %[	> 5000 <i>Estimated</i>	1200 <i>Measured</i>	> 100 <i>Estimated</i>
CITRONELLOL	106-22-9	[1 % , 5 %[	2650 <i>Estimated</i>	3450 <i>Estimated</i>	> 100 <i>Estimated</i>
HEXYL SALICYLATE	6259-76-3	[1 % , 5 %[	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>
GERANYLE ACETATE	105-87-3	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>
EUGENOL	97-53-0	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	2300 <i>Estimated</i>	> 100 <i>Estimated</i>
HEXYL CINNAMAL	101-86-0	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	3100 <i>Estimated</i>	> 100 <i>Estimated</i>
NERYL ACETATE	141-12-8	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>
DIMETHYL CYCLOHEXENE CARBOXALDEHYDE	68039-49-6	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	2330 <i>Measured</i>	> 100 <i>Estimated</i>
PARACYMENE	99-87-6	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	4750 <i>Measured</i>	9.7000 <i>Measured</i>
ALLYL ISOAMYLGLYCOLATE	67634-00-8	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	730 <i>Estimated</i>	0.5000 <i>Estimated</i>
METHYL CINNAMATE	103-26-4	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	2610 <i>Estimated</i>	> 100 <i>Estimated</i>
ALLYL CYCLOHEXYLPROPIONATE	2705-87-5	[0.1 % , 1 %[	1600 <i>Estimated</i>	380 <i>Measured</i>	> 100 <i>Estimated</i>
4-TERPINENOL	562-74-3	[0.1 % , 1 %[	2500 <i>Estimated</i>	1300 <i>Estimated</i>	11 <i>Estimated</i>
(-) TRANS BETA CARYOPHYLLENE	87-44-5	[0.1 % , 1 %[	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>

Serious eye damage/irritation : No data available.

Germ cell mutagenicity : No data available.

Reproductive toxicity : No data available.

Specific Target Organ - Single Exposure : No data available.

Skin Sensitization : No data available.

Cancerogenicity : No data available.

Specific Target Organ (NE) - : No data available.



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Single Exposure  
 Specific Target Organ - Repeated Exposure : No data available.  
 Aspiration Hazard : No data available.  
 Respiratory Sensitization : No data available.  
 Skin corrosion/irritation : No data available.

### Information on likely routes of exposure

No data available.

### Symptoms related to the physical, chemical, and toxicological characteristics

No data available.

### Delayed, Immediate, and Chronic Effects of Short- and Long-Term Exposure

No data available.

### Interactive effects

No data available.

## 11.2 Information on other hazards

### Properties interfering with the endocrine system

Not applicable

### Other information

No data available.

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Product Information

Toxicity Fish : No data available.  
 Toxicity Alga : No data available.  
 Toxicity Water Flea : No data available.

#### Component Information



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Component	CAS	Concentration limit	Alga (mg/l)	Water Flea (mg/l)	Fish (mg/l)
LAVANDIN ESSENTIAL OIL	8022-15-9	[1 % , 5 %]	None	None	None

### 12.2 Persistence and degradability

Biodegradability : No data available.  
Hydrosolubility : No data available.  
Comments : None

### 12.3 Bioaccumulative potential

Log Pow (n-Octanol/Water Partition Coefficient) : No data available.  
Bio Concentration Factor : No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Information on other hazards

#### Properties interfering with the endocrine system

Not applicable

#### Other information

No data available.

### 12.7 Other adverse effects

No data available.

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Do not release into the environment. Confirm disposal procedures with environmental engineer and local regulations.



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## 13.2 Other information

Always keep original label(s) on empty recipients (drums/pails).

## 14 TRANSPORT INFORMATION

### ADR

Not regulated

### IATA

Not regulated

### IMDG

Not regulated

### RID

Not regulated

## 14.1 Special precautions for user

No recommendation given.

## [x] 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**Water Hazard Class (WGK):** WGK 3 (Severe hazard to water)

**SEVESO III: DIRECTIVE 2012/18/EU of the European parliament and of the council on the control of major-accident hazards involving dangerous substances.**

**Section(s) of the ICPE nomenclature (France):** 4110, 4120, 4130, 4330, 4331, 4510, 4511

Other regulations can apply:

**Directive 92/85/EEC on the maternity Protection or stricter national regulations if applicable.**

**Directive 94/33/EC on the protection of young people at work or stricter national regulations, if applicable.**

## 15.2 Chemical safety assessment

No data available.

## [x] 16 OTHER INFORMATION

### 16.1 Entire text of the H and P phrases mentioned in chapters 2 and 3:

## LEMON LAVENDER



H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P333+P313: If skin irritation or rash occurs: Get medical advice.

P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present.

P337+P313: If eye irritation persists: Get medical advice

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P321: Specific treatment (see this label).

P362: Take off contaminated clothing and wash before reuse.

## 16.2 Abbreviation and acronyms

CAS: Chemical Abstracts Service

CO2: Carbon dioxide

LD50: Lethal dose 50

NTP: National Toxicology program

IARC: International Agency for Research on Cancer

OSHA: Occupational Safety and Health Administration

UN: United Nations

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

## Classification codes

Acute Tox. 4 Dermal	: Acute toxicity Category 4 Dermal
Acute Tox. 2 Inhalation	: Acute toxicity Category 2 Inhalation
Acute Tox. 3 Inhalation	: Acute toxicity Category 3 Inhalation
Acute Tox. 4 Inhalation	: Acute toxicity Category 4 Inhalation
Acute Tox. 4 Oral	: Acute toxicity Category 4 Oral
Aquatic Acute 1	: Acute hazards to the aquatic environment Category 1

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Aquatic Chronic 1	: Chronic hazards to the aquatic environment Category 1
Aquatic Chronic 2	: Chronic hazards to the aquatic environment Category 2
Aquatic Chronic 3	: Chronic hazards to the aquatic environment Category 3
Asp. Tox. 1	: Aspiration hazard Category 1
Eye Irrit. 2	: Serious eye damage/eye irritation Category 2
Flam. Liq. 3	: Flammable liquids Category 3
Repr. 2	: Toxic for Reproduction Category 2
Skin irrit. 2	: Skin corrosion/irritation Category 2
Skin Sens. 1	: Skin sensitizer Category 1
Skin Sens. 1B	: Skin sensitizer Category 1B
STOT SE 3 (NE)	: Specific target organ toxicity - single exposure Category 3 Narcotic effect.

### 16.3 Key literature references and sources for data

This safety Data Sheet has been prepared in accordance with Regulation EC 1907/2006 and its amendments. The information given correspond to the knowledge we have on the date mentioned on this document and is based on the recommendations of the EFFA and IOFI/IFRA working groups.

To specify modifications that appear in document since the previous version, we note this symbol [X] in front of each section containing a modification.

**We cannot be held responsible in the event of improper usage of this product. It is up to the user to analyse the information given and to determine appropriate handling conditions for the safe use of this product.**

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