

## 1. Chemical product and Company identification

### 1.1 Name of material

**Name :** Lavender essential oil, Made in France

**INCI:** Lavandula Angustifolia oil/ Lavandula angustifolia flower oil

**Country of origin :** France, Provance

Way of extraction: steam distillation

CAS no. : 8000-28-0

EU no. : 90063-37-9

**1.2 Intended use :** Cosmetic use, for external body parts only!Note: TOP

### 1.3 Distributor of the product and provider of MSDS:

**1.4 Emergency Call Center** Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)

1096 Budapest, Nagyvárad tér 2.

(36) 80/201-199

(36-1) 476-6464

## 2. Hazards identification

### 2.1 Classification of the Substance or Mixture:

**Classification According to Regulation (EC) No. 1272/2008: GHS07**

Skin Irrit. 2

Eye Irrit. 2

Skin Sens. 1

H315 Causes skin irritation.


H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

Aquatic Chronic 3

H412 Harmful to aquatic life with long lasting effects.

## 2.2. Label elements:

Labelling According to Regulation (EC) No. 1272/2008	CLP -Regulation (EC) No 1272/2008 Piktogram	Hazard- determining Components of Labelling	Hazard statements „H”	Hazard statements „P”
The product is classified and labelled according to the CLP regulation.		bornan-2-one Eucalyptol d-limonene oct-1-en-3-yl acetate Geranyl Acetate Geraniol	<p><b>H315</b> Causes skin irritation.</p> <p><b>H319</b> Causes serious eye irritation.</p> <p><b>H317</b> May cause an allergic skin reaction.</p> <p><b>H412</b> Harmful to aquatic life with long lasting effects.</p>	<p><b>Precautionary Statements: P261</b> Avoid breathing dust/fume/gas/mist /vapours/spray.</p> <p><b>P280</b> Wear protective gloves/protective clothing/eye protection/face protection.</p> <p><b>P273</b> Avoid release to the environment.</p> <p><b>P305+P351+P338</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p><b>P501</b> Dispose of contents/container in accordance with local/regional/natio nal/ international regulations.</p>

### 2.3 Other Hazards:

#### Results of PBT Assessment

Not applicable.

#### Results of vPvB Assessment

Not applicable.

### 3. Composition of ingredients

CAS/EU	Chemical name	Concentration ratio %	GHS codes	
CAS: 78-70-6 EINECS: 201-134-4	Linalool	25-50	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 115-95-7 EINECS: 204-116-4	Linalyl acetate	25-50	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 76-22-2 EINECS: 207-355-2	bornan-2-one	2.5-10	Flam. Sol. 2, H228; STOT SE 2, H371; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317	
CAS: 13877-91-3 EINECS: 237-641-2	Cis beta ocimene	2.5-10	Flam. Liq. 3, H226; Asp. Tox. 1, H304	
CAS: 470-82-6 EINECS: 207-431-5	Eucalyptol	2.5-10	Flam. Liq. 3, H226; Skin Sens. 1B, H317	
CAS: 562-74-3 EINECS: 209-235-5	p-menth-1-en-4-ol	2.5-10	acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 507-70-0 EINECS: 208-080-0	DL-borneol	≤2.5	Flam. Sol. 2, H228	
CAS: 2442-10-6 EINECS: 219-474-7	Oct-1-en-3-yl acetate	≤2.5	Acute Tox. 4, H302; Skin Sens. 1B, H317	
CAS: 5989-27-5 EINECS: 227-813-5	d-limonene	≤2.5	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1,	

CAS: 105-87-3 EINECS:203-341-5	Geranyl Acetate	≤2.5	H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317  Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
CAS: 106-24-1 EINECS:203-377-1	Geraniol	≤2.5	Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317	

#### 4. First aid measures

##### 4.1

##### Description of First Aid Measures

Immediately remove any clothing soiled by the product.

##### Inhalation

Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air.

##### Skin Contact

Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.

##### Eye Contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

##### Ingestion

Inform doctor. Do not give milk or fatty oils.

##### 4.2

##### Most Important Symptoms and Effects, both Acute and Delayed

No further relevant information available.

##### 4.3

##### Indication of Immediate Medical Attention and Special Treatment Needed

No further relevant information available.

## 5. Fire fighting measures

### 5.1

#### **Suitable Extinguishing Agents**

Carbon dioxide (CO<sub>2</sub>), powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### **Unsuitable Extinguishing Agents**

Water with full jet.

### 5.2

#### **Special Hazards Arising from the Substance or Mixture**

Carbon monoxide (CO).

### 5.3

#### **Advice for Fire-fighters**

No special measures required

## 6. Accidental release measures

### 6.1

#### **Personal Precautions, Protective Equipment and Emergency Procedures**

Not required.

### 6.2

#### **Environmental Precautions**

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.

### 6.3

#### **Methods and Material for Containment and Cleaning Up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.

### 6.4

#### **Reference to Other Sections**

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7. Storage and handling

### 7.1

#### **Precautions for Safe Handling**

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Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

#### **Information about Fire and Explosion Protection**

No special measures required.

#### **7.2**

##### **Conditions for Safe Storage, Including any Incompatibilities**

Store only in unopened original receptacles. Keep receptacle tightly sealed. Store in the dark.

#### **7.3**

##### **Specific End Use(s)**

No further relevant information available.

### **8. Expositions control/personal protection**

#### **8.1 Control Parameters: Ingredients with Limit Values that Require Monitoring at the Workplace**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### **76-22-2 bornan-2-one**

##### **WEL**

Short-term Value: 19 mg/m<sup>3</sup>, 3 ppm

Long-term Value: 13 mg/m<sup>3</sup>, 2 ppm

#### **Additional Information**

The lists valid during the making were used as basis.

#### **8.2 Exposure Controls: Personal Protective Equipment**

##### **General Protective and Hygienic Measures**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

##### **Respiratory Protection**

Not required.

##### **Hand Protection**

Protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.



#### Eye Protection

Tightly sealed goggles.

## 9. Physical and Chemical properties

**Appearance:** Liquid

**Colour** According to Product Specification

**Odour** Characteristic

**pH Value** Not determined.

**Melting Point/Melting Range** Undetermined.

**Boiling Point/Boiling Range** Undetermined.

**Flash Point (Closed Cup – ASTM D6450)** 74°C

**Flammability (Solid, gaseous)** Not applicable.

**Decomposition Temperature** Not determined.

**Self-igniting** Product is not self-igniting.

**Danger of Explosion** Product does not present an explosion hazard.

**Lower Explosion Limit** Not determined.

**Upper Explosion Limit** Not determined.

**Vapour Density** Not determined.

**Evaporation Rate** Not determined.

**Solubility in/Miscibility with Water** Not miscible or difficult to mix.

**Partition Co-efficient (n-octanol/water)** Not determined.

**Viscosity** Not determined.

### 9.2

#### Other Information

No further relevant information available.

## 10. Stability and Reactivity

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**10.1**

**Reactivity**

No further relevant information available.

**10.2**

**Chemical Stability**

**Thermal Decomposition/Conditions to Avoid**

No decomposition if used according to specifications.

**10.3**

**Possibility of Hazardous Reactions**

No dangerous reactions known.

**10.4**

**Conditions to Avoid**

No further relevant information available.

**10.5**

**Incompatible Materials**

No further relevant information available.

**10.6**

**Hazardous Decomposition Products**

No dangerous decomposition products known.

<b>11. Toxicological data</b>
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**11.1 Information on Toxicological Effects: Acute Toxicity**

Based on available data, the classification criteria are not met.

**11.2 Primary Irritant Effect: Skin Corrosion/Irritation**

Causes skin irritation.

**Serious Eye Damage/Irritation**

Causes serious eye irritation.

**Respiratory or Skin Sensitisation**

May cause an allergic skin reaction.

**Germ Cell Mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.



**Reproductive Toxicity**

Based on available data, the classification criteria are not met.

**STOT-single Exposure**

Based on available data, the classification criteria are not met.

**11.2 Primary Irritant Effect: Skin Corrosion/Irritation**

Causes skin irritation.

**Serious Eye Damage/Irritation**

Causes serious eye irritation.

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**Germ Cell Mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

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**Reproductive Toxicity**

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**STOT-single Exposure**

Based on available data, the classification criteria are not met.

## 12. Ecological Information

**12.1**

**Toxicity**

**Aquatic Toxicity**

No further relevant information available.

**12.2**

**Persistence and Degradability**

No further relevant information available.

**12.3**

**Bioaccumulative Potential**

No further relevant information available.

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**12.4**

**Mobility in Soil**

No further relevant information available.

**Ecotoxical Effects**

Harmful to fish. Do not allow to reach ground water, water course or sewage system, even in small quantities. Harmful to aquatic organisms.

**12.6**

**Results of PBT and vPvB Assessment**

Not applicable.

**12.7**

**Other Adverse Effects**

No further relevant information available.

<b>13. Disposal considerations</b>
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**13.1**

**Waste Treatment Methods**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**13.2**

**Uncleaned Packaging**

Disposal must be made according to official regulations.

<b>14. Transport information</b>
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**14.1**

**UN Number**

(ADR, ADN, IMDG, IATA)

Void.

**14.2**

**UN Proper Shipping Name**

(ADR, ADN, IMDG, IATA)

Void.

**14.3**

**Transport Hazard Class(es) (ADR, ADN, IMDG, IATA)**

Class

Void.

**14.4**

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**Packing Group**  
**(ADR, IMDG, IATA)**  
Void.

**14.5**  
**Environmental Hazards**  
**Marine Pollutant**  
No.

**14.6**  
**Special Precautions for User**  
Not applicable.

**14.7**  
**Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code**  
Not applicable.

**14.8**  
**Transport/Additional Information**  
Not dangerous according to the above specifications.

**(ADR) Remarks**  
Not dangerous.

**(ADN) Remarks**  
Not dangerous.

**(IMDG) Remarks**  
Not dangerous.

**(IATA) Remarks**  
Not dangerous.

**14.9**  
**UN "Model Regulation"**  
Void.

## 15. Regulatory Information

**15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:**  
**Directive 2012/18/EU**  
**Named Dangerous Substances ANNEX I**  
None of the ingredients is listed.

**15.2**

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**Chemical Safety Assessment**

**A Chemical Safety Assessment has not been carried out.**

<b>16. Other</b>
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**16.1 Relevant Phrases: H226**

Flammable liquid and vapour.

**H228**

Flammable solid.

**H302**

Harmful if swallowed.

**H304**

May be fatal if swallowed and enters airways.

**H315**

Causes skin irritation.

**H317**

May cause an allergic skin reaction.

**H318**

Causes serious eye damage.

**H319**

Causes serious eye irritation.

**H332**

Harmful if inhaled.

**H371**

May cause damage to organs.

**H400**

Very toxic to aquatic life.

**H410**

Very toxic to aquatic life with long lasting effects.

**H412**

Harmful to aquatic life with long lasting effects.

**16.2 Abbreviations and Acronyms: RID**

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Regulations Concerning the International Transport of Dangerous Goods by Rail.

**IATA-DGR**

Dangerous Goods Regulations by the "International Air Transport Association" (IATA).

**ICAO**

International Civil Aviation Organisation.

**ICAO-TI**

Technical Instructions by the "International Civil Aviation Organisation" (ICAO).

**ADR**

European Agreement concerning the International Carriage of Dangerous Goods by Road.

**IMDG**

International Maritime Code for Dangerous Goods.

**IATA**

International Air Transport Association.

**GHS**

Globally Harmonised System of Classification and Labelling of Chemicals.

**EINECS**

European Inventory of Existing Commercial Chemical Substances.

**ELINCS**

European List of Notified Chemical Substances.

**CAS**

Chemical Abstracts Service (Division of the American Chemical Society).

**PBT**

Persistent, Bioaccumulative and Toxic.

**vPvB**

**Very Persistent and very Bioaccumulative.**

**Flam. Liq. 3**

Flammable liquids – Hazard Category 3.

**Flam. Sol. 2**

Flammable solids – Hazard Category 2.

**Acute Tox. 4**

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Acute toxicity – Hazard Category 4.

**Skin Irrit. 2**

Skin corrosion/irritation – Hazard Category 2.

**Eye Dam. 1**

Serious eye damage/irritation, Hazard Category 1

**Eye Irrit. 2**

Serious eye damage/eye irritation – Hazard Category 2.

**Skin Sens. 1**

Skin sensitisation – Hazard Category 1.

**Skin Sens. 1B**

Skin sensitisation – Hazard Category 1B.

**STOT SE 2**

Specific target organ toxicity – Single exposure, Hazard Category 2.

**Asp. Tox. 1**

Aspiration hazard – Hazard Category 1.

**Aquatic Acute 1**

Hazardous to the aquatic environment – Acute Hazard, Category 1.

**Aquatic Chronic 1**

Hazardous to the aquatic environment – Chronic Hazard, Category 1.

**Aquatic Chronic 3**

Hazardous to the aquatic environment – Chronic Hazard, Category 3.

**WARNING/DISCLAIMER:**

The information in this Material Safety Data Sheet is based on the properties of the material known to H Reynaud at the time the data sheet was issued. The safety data sheet is intended to provide information for health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purposes.