

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

Revision: 20.05.2020

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name:** Lavender oil, Lavandula Angustifolia

**CAS Number:**

90063-37-9

**EC number:**

289-995-2

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

No further relevant information available.

**Application of the substance / the mixture:** Essential oil

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

**Manufacturer/Supplier:**

Aetherial Oils

Address: Karathanasi & Vlahakou

Postal Code: 56224, Evosmos, Thessaloniki, Greece

Tel.: +306947521926

e-mail: aetherialsales@gmail.com

### 1.4 Emergency telephone number:



European Emergency Tel.: 112

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation EC No 1272/2008 CLP:**



GHS08 health hazard

Asp. Tox. 1            H304 May be fatal if swallowed and enters airways.



GHS07

Eye Irrit. 2            H319 Causes serious eye irritation.

Skin Sens. 1B        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:**

The substance is classified and labelled according to the CLP regulation.

(Contd. on page 2)

— GB —

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

Revision: 20.05.2020

Trade name: Lavender oil, Lavandula Angustifolia

(Contd. of page 1)

**Hazard pictograms:**

GHS07 GHS08

**Signal word:** Danger**Hazard statements:**

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

**Precautionary statements**

P102 Keep out of reach of children.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P331 Do NOT induce vomiting.  
 P302+P352 IF ON SKIN: Wash with plenty of water and soap.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.1 Chemical characterisation: Substances****CAS No. Description**

90063-37-9 Lavender, Lavandula angustifolia, ext.

**Identification number(s)****EC number:** 289-995-2**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

General information: Do not breathe dust/fume/gas/mist/vapours/ spray.

If exposed or concerned: Call the POISON CENTER

**After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Seek medical treatment in case of complaints.

(Contd. on page 3)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

Revision: 20.05.2020

Trade name: Lavender oil, *Lavandula Angustifolia*

(Contd. of page 2)

**After skin contact:**

Immediately rinse with plenty of water.  
 Get medical attention if irritation or skin rash occurs.  
 Remove contaminated clothing and shoes.  
 Clean shoes thoroughly before reuse.  
 Wash contaminated clothing thoroughly.

**After eye contact:**

Immediately flush eyes with plenty of cool low-pressure water, occasionally lifting the upper and lower eyelids.  
 Check for and remove any contact lenses.  
 Continue to rinse for several minutes.  
 Get medical attention if irritation occurs/persists.  
 Avoid strong water jet-risk of cornea damage, consult a doctor.

**After swallowing:**

Do not induce vomiting.  
 If person is not unconscious, rinse out mouth with water.  
 Seek immediate medical advice.  
 Never give anything by mouth to an unconscious person.

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

May be fatal if swallowed and enters airways.

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

In case of swallowing or vomiting there is a risk of invasion of the lungs.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

**Suitable extinguishing agents:** CO<sub>2</sub>, foam, powder

**For safety reasons unsuitable extinguishing agents:** Water with full jet

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

Avoid inhalation of smoke and fumes. In case of insufficient ventilation, wear suitable respiratory equipment.

**5.3 Advice for firefighters****Protective equipment:**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

**6.1.1 For non-emergency personnel** Avoid contact with dripping or leaking material

**6.1.2 For emergency responders**

Wear protective equipment. Keep unprotected persons away.

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

**6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

**6.3 Methods and material for containment and cleaning up:**

In case of small spills, absorb spilled liquid with inert absorbent. Collect in an appropriate container properly labelled for disposal. Close it before disposal according to regulation.

In case of large spills, stop spill if it can be done without danger, dike and ump as much liquid as possible with an explosion-proof pump or a hand pump. Absorb the remaining liquid with inert absorbent. Collect in an

(Contd. on page 4)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

Revision: 20.05.2020

**Trade name: Lavender oil, Lavandula Angustifolia**

(Contd. of page 3)

appropriate container properly labelled for disposal. Close it before disposal according to regulation.  
 Dispose contaminated material as waste according to item 13.

**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.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Prevent formation of aerosols.

Wear personal protective equipment.

Provide adequate ventilation where the product is handled.

No smoking. Avoid any sources of ignition.

Avoid exposing to high temperature during processing.

Keep respiratory protective device available.

**Information about fire - and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:**

Store in cool, dry conditions in well sealed receptacles.

Store locked up.

**Requirements to be met by storerooms and receptacles:** Store in a cool location.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep container tightly sealed.

**7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:** Not required.

**PNECs**

Freshwater: 0.29 µg/L

Intermittent releases (freshwater): 2.9 µg/L

Marine water: 0.029 µg/L

Sewage Treatment Plant (STP): 0.2 mg/L

Freshwater sediment: 109 µg/kg sediment dw

Marine water sediment: 10.9 µg/kg sediment dw

Soil: 21.8 µg/kg soil dw

**DNEL Workers Long term exposure systemic effects**

Inhalation: 0,877 mg/m<sup>3</sup>

Dermal: 0,249 mg/kg bw/day

**DNEL Consumers Long-term exposure systemic effects**

Inhalation: 0,132 mg/m<sup>3</sup>

Dermal: 88,9 µg/kg bw/day

Oral: 88,9 µg/kg bw/day

**8.2 Exposure controls****8.2.1. Appropriate engineering controls**

Provide local exhaust or general room ventilation to minimize exposure to vapours.

(Contd. on page 5)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

Revision: 20.05.2020

**Trade name: Lavender oil, Lavandula Angustifolia**

(Contd. of page 4)

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Personal protective equipment****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Take off contaminated clothing and wash before reuse.

Avoid contact with the eyes and skin.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

**Respiratory protection:**

In case of insufficient ventilation use suitable respiratory protective device.

**Protection of hands:**

Protective gloves resistant to chemicals (standard EN 374-1)

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

**Material of gloves**

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 mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye protection:**

Tightly sealed goggles (EN 166).

**Body protection:**

Protective work clothing

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information****Appearance:**

**Form:** Liquid

**Colour:** Colorless to pale yellow oily liquid.

(Contd. on page 6)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

Revision: 20.05.2020

Trade name: Lavender oil, *Lavandula Angustifolia*

(Contd. of page 5)

<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>pH value:</b>	Not determined
<b>Melting point/freezing point:</b>	-20 °C
<b>Initial boiling point and boiling range:</b>	172 °C
<b>Flash point:</b>	78 °C Not Flammable
<b>Flammability (solid, gas):</b>	Not applicable
<b>Auto-ignition temperature:</b>	250 °C
<b>Decomposition temperature:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Oxidising properties</b>	Not oxidising
<b>Vapour pressure at 25 °C:</b>	3.58 hPa
<b>Density at 20 °C:</b>	0.88 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined
<b>Vapour density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility in / Miscibility with water at 25 °C:</b>	2.012 mg/l Slightly soluble
<b>Partition coefficient: n-octanol/water:</b>	0.68124
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined
<b>Kinematic:</b>	Not determined
<b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity** Stable under normal conditions**10.2 Chemical stability** Material is stable under normal conditions.**Thermal decomposition / conditions to be avoided** Stable at environment temperature.**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid**

Prolonged or excessive heat and/or exposure to air may cause non-hazardous decomposition and/or oxidation of the substance. Keep away from heat and sources of ignition.

**10.5 Incompatible materials** Strong acids and strong oxidising agents

(Contd. on page 7)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

Revision: 20.05.2020

Trade name: Lavender oil, Lavandula Angustifolia

(Contd. of page 6)

**10.6 Hazardous decomposition products** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity** Based on available data, the classification criteria are not met.**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

**Repeated dose toxicity** Based on available data, the classification criteria are not met.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****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.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard**

The product is classified Aspiration toxicity Category 1

May be fatal if swallowed and enters airways.

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:**

Fish

LC50 (96h) = 0.29 mg/L

Aquatic invertebrates

EC50 (48h) = 0.41 mg/L

Algae

EC50 (72h) = 1 mg/L

**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Ecotoxicological effects:****Remark:** Harmful to fish**Additional ecological information:****General notes:**

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

GB

(Contd. on page 8)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

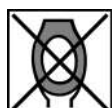
Revision: 20.05.2020

Trade name: Lavender oil, Lavandula Angustifolia

(Contd. of page 7)

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Dispose according to National Regulations.



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

Contact manufacturer for recycling information.

**Uncleaned packaging:****Recommendation:**

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

**Recommended cleansing agents:** Water, if necessary together with cleansing agents.**SECTION 14: Transport information****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 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****Marpol and the IBC Code** Not applicable.**UN "Model Regulation":** Void**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation 1907/2006/EC

Regulation (EU) 2015/830

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as amended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

(Contd. on page 9)



**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2015/830 and Regulation No 1272/2008/EC (CLP)**

Printing date 12.06.2020

Version number 1

Revision: 20.05.2020

Trade name: Lavender oil, Lavandula Angustifolia

(Contd. of page 8)

**Directive 2012/18/EU****Named dangerous substances - ANNEX I** Substance is not listed.**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**National regulations:****Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57** The substance is not SVHC.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Training hints**

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

**Department issuing SDS:**

SUSTCHEM S.A.

REACH &amp; Chemical Services Department

A: 144, 3rd Septemvriou, GR 112 51 | Athens, Greece

T: +30 210 8252510 | F: +30 210 8252575

W: www.sustchem.gr | E: info@suschem.gr

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1B: Skin sensitisation – Category 1B

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3