

# Material Safety Data Sheet

According to EU Regulation 1907/2006

## Lavender Essential oil

Date Created:  
23.04.2015

Date Revised:  
N/A

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

#### 1.1 Product Identifier

Product Name	Lavender Essential oil				
Biological Definition	Blended mixture of lavender oils ( <i>Lavandula angustifolia</i> L.), and other <i>Lavandula</i> spp. and fractions thereof. The ester content is maintained at 40-42% by adjustment with Linalyl acetate.				
INCI Name	Lavender angustifolia oil				
Synonyms & Trade Names	- - -				
Internal Product Code	R00223				
FEMA No.	2622	FDA No.	§182.20	CoE No.	257
CAS-No	8000-28-0	EC No.	289-995-2	EINECS No.	289-995-2

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

Company Identification	<div style="background-color: #e0e0e0; height: 100px; width: 100%;"></div>				
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#### 1.3 Details of the supplier of the safety data sheet

Emergency Contact	01324 841353
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification (67/548/EEC)	Xn; R38-52/53-65, S62
Classification (EU 1272/2008)	UN-GHS: FL 4, AH 1, SCI 2, EDI 2A, EH A2,C2 EU-CLP: AH 1, SCI 2, EDI 2A EH 2.

#### 2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:	  GHS07      GHS09
Signal word:	Danger
Contains	Linalool, linalyl acetate, limonene, eucalyptol, camphor
Hazard Statements:	H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H411 Toxic to aquatic life with long-lasting effects.
Precautionary Statements:	P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplementary Precautionary Statements:	- - -

Risk phrases and Safety phrases in full refer to *Section 16 – Other Information*

#### 2.3 Other hazards

Adverse physio-chemical properties	Combustible but will not self-ignite
Adverse effects on human health	Can cause serious skin and eye irritation

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

40-42%+ Linalyl acetate UN-GHS: EDI 2A, EH A2, SCI 2  
< 50% Linalool UN-GHS: EDI 2A, EH A2, SCI 2  
< 10% Limonene UN-GHS: SCI 2; SS 1; EH A1,C1  
< 2.5% Eucalyptol UN-GHS: ATO 5(2500); SC I3  
< 2.5% Camphor UN-GHS: ATO 5(4900); ATI 4(1,5m); SCI 3; STO-SE2; EH A3

#### 3.2 Mixtures

EU INCI	US INCI
N/A	N/A

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

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

N/A

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

N/A

### SECTION 5: Fire fighting measures

#### 5.1 Extinguishing Media

Use CO<sub>2</sub>, Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

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

None

#### 5.3 Advice for fire-fighters

Wear protective clothing. Avoid inhalation of vapours. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions

Maintain good occupational and personal hygiene. Avoid contact with skin and eyes.

#### 6.2 Environmental precautions

Do not discharge directly into drains or soil. Keep away from surface and ground water.

#### 6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

#### 6.4 References to other sections.

Please refer to *Section 8 - Exposure controls/personal protection* for further information on personal precautions  
Please refer to *Section 13 - Disposal Considerations* for further information on waste treatment.

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### SECTION 7: Handling and Storage

#### 7.1 Precautions for safe handling

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

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

Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

#### 7.3 Specific end use(s)



N/A

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control Parameters

None

#### 8.2 Exposure Controls

Eye protection		Use safety glasses.
Hand protection		Avoid all skin contact. Use chemically resistant gloves if required.
Respiratory Equipment		As required. Avoid breathing product vapour.
Hygiene Measures		Wash hands with soap & water after handling.
Engineering Measures		Ensure good ventilation of working area.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance	Mobile liquid
Colour	Colourless to pale yellow
Odour	Characteristic, fresh, floral
Relative Density	0.880 to 0.890 @ 20C
Flash Point (°C)	71 c/c
Refractive Index	1.457 to 1.460 @ 20C
Melting Point (°C)	Data not found
Boiling Point (°C)	Data not found
Vapour Pressure	Data not found
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	Data not found

#### 9.2 Other information

N/A

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

It presents no significant reactivity hazards, by itself or in contact with water.

#### 10.2 Chemical stability

Stable under normal temperature conditions.

#### 10.3 Possibility of hazardous reactions

None

#### 10.4 Conditions to avoid

Avoid storage temperatures above 25°C

#### 10.5 Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents.

#### 10.6 Hazardous decomposition products

Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects.

Acute toxicity:	Acute oral toxicity Camphor LD 50: 1500 mg/Kg Acute oral toxicity Linalool LD50: 2790 mg/Kg Acute oral toxicity Eucalyptol LD50: 2480 mg/Kg [No toxicological data is available for the mixture itself]
Skin corrosion / irritation:	Skin irritation Category 2 under EC 1272/2008
Serious eye damage/irritation:	Eye irritation Category 2 under EC 1272/2008
Respiratory or skin sensitisation:	Skin sensitisation Category 1B under 1272/2008
Germ cell mutagenicity:	Not listed as mutagenic
Carcinogenicity:	Not listed as carcinogenic
Reproductive toxicity:	Not listed as reprotoxicant
STOT-single exposure:	Data not found
STOT-repeated exposure:	Data not found
Aspiration hazard:	Aspiration hazard limit for camphor 1.5 mg/L.
Other information:	

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Hazardous to the aquatic environment – Chronic hazard Category 2 (Aquatic Chronic 2, H411).

#### 12.2 Persistence and degradability

No data found.

#### 12.3 Bio-accumulative potential

No data found.

#### 12.4 Mobility in soil

No data found.

#### 12.5 Results of PBT and VPVB assessment

No data found.

#### 12.6 Other adverse effects

N/A

### SECTION 13: Disposal considerations

#### 13.1 Waste Treatment Methods

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

### SECTION 14: Transport information

#### Warning Icon



#### Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S

#### UN No. Road

UN 3082

#### ADR Class

Class 9

#### Hazard No (ADR)

N/A

#### Hazchem Code

N/A

#### UN No. SEA

UN 3082

#### IMDG Class

Class 9

#### IMDG Pack Gr.

Pk Gp III

#### EMS

N/A

#### UN No. AIR

UN 3082

#### Air Class

Class 9

#### Air Pack Gr.

Pk Gp III

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### SECTION 15: Regulatory information

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

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

#### 15.2 Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

### SECTION 16: Other information

Training instructions: Refer to possible hazard before use of this product.

#### Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available
<b>Risk Phrases in full:</b>	R38 Irritating to skin R52/53 Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. R65 Harmful if swallowed.
<b>Hazard Statements in full:</b>	H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H411 Toxic to aquatic life with long-lasting effects.

Complies with REACH guidance for SDS as circulated by ECHA 2011.

#### Disclaimer

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### Revisions in this document

Date (DD-MM-YYYY)	Change	Revision Number
23/04/2015	New Issue	0