





## Safety Data Sheet

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

<b>1.1 Product Identifier</b>					
Product Name		Lavender Oil Single			
Biological Definition		The volatile oil obtained by steam distillation of the freshly cut flowering tops of the herb <i>Lavandula angustifolia</i> P. Miller (Fam. Labitae).			
INCI Name		Lavandula Angustifolia Herb Oil			
Synonyms & Trade Names		Lavandula Angustifolia			
CAS-No	90063-37-9	EC No.	289-995-2	EINECS No.	289-995-2
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
No additional data available.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1					
<b>1.4 Emergency Tel. No.</b>		604-540-8700 (Monday-Friday 8:30 am-4:30 pm)			

### 02. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
The Full Text for all Hazard Statements are displayed in Section 16.	
Classification (EC 1272/2008)	
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways. Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation. Skin Sens. 1 H317 May cause an allergic skin reaction. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.	
<b>2.2 Label Elements</b>	
Label in accordance with (EC) No 1272/2008	
GHS08      GHS07  	
Signal Word	Danger
Contains	Linalool, linalyl acetate, limonene, eucalyptol, 1-octen-3-yl acetate, geranyl acetate.
Hazard Statements	
H315	Causes skin irritation.
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	

P280	Wear protective gloves/protective clothing/eye protection/face protection
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	
P405	Store locked up
P501	Dispose of contents/container in accordance with local/regional/national/international regulations
<b>2.3 Other Hazards</b>	
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	Combustible but will not self-ignite
Adverse effects on human health	Can cause serious skin and eye irritation

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.2 Mixtures</b>	
<b>25.0 – 50.0% Linalool</b> CAS-No.: 78-70-6 EC No.: 201-134-4	
Classification (EC 1272/2008) Acute Tox. 5 - H303, Skin Irrit. 2 - H315, Aquatic Acute 3 - H402	
<b>25.0 – 50.0% Linalyl Acetate</b> CAS: 115-95-7, EC: 204-116-4	
Classification (EC 1272/2008) Skin Irrit. 2, H315; Eye Irrit. 2, H319	
<b>2.5 - 10.0% Cis Beta Ocimene</b> CAS: 13877-91-3, EC: 237-641-2	
Classification (EC 1272/2008) Flam. Liq. 3, H226; Asp. Tox. 1, H304	
<b>2.5% - 10.0% beta-Caryophyllene</b> CAS: 87-44-5, EC: 201-746-1	
Classification (EC 1272/2008) Asp. Tox. 1, H304	
<b>&lt; 2.5% p-menth-1-en-4-ol</b> CAS: 562-74-3, EINECS: 209-235-5	
Classification (EC 1272/2008) Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	
<b>&lt;2.5% Eucalyptol</b> CAS-No.: 4602-84-0 EC No.: 225-004-1	
Classification (EC 1272/2008) Flam. Liq. 3, H226; Skin Sens. 1B, H317	
<b>&lt;2.5% Octan -3-one</b> CAS: 106-68-3, EINECS: 203-423-0	
Classification (EC 1272/2008) Not Classified	
<b>&lt;2.5% oct-1-en-3-yl acetate</b> CAS: 2442-10-6, EINECS: 219-474-7	
Classification (EC 1272/2008) Acute Tox. 4, H302; Skin Sens. 1B, H317	
<b>&lt;2.5% Geranyl Acetate</b> CAS-No.: 105-87-3 EC No.: 203-341-5	

Classification (EC 1272/2008) Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412

#### 04. FIRST AID MEASURES

##### 4.1 Description of first aid measures

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

No additional data available

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

No additional data available

#### 05. 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 product

Carbon monoxide (CO).

##### 5.3 Advice for firefighters

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

#### 06. ACCIDENTAL RELEASE MEASURES

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

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

##### 6.2 Environmental Precautions

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 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.


#### 07. HANDLING AND STORAGE

##### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.  
Information about fire - and explosion protection: No special measures required.

<b>7.2 Conditions for safe storage, including any incompatibilities</b>
Storage: Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles. Information about storage in one common storage facility: Not required. Further information about storage conditions: Store in the dark.
<b>7.3 Specific end use(s)</b>
No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
None	
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	Provide eyewash station. Wash hands before breaks and at the end of work.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Not required.
Hand Protection	<p>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.</p> <p>Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.</p> <p>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</p> <p>Material of gloves</p> <p>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 can not be calculated in advance and has therefore to be checked prior to the application.</p> <p>Penetration time of glove material</p> <p>The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.</p>
Eye Protection	Avoid contact with the eyes and skin.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact. Immediately remove all soiled and contaminated clothing.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Avoid contact with the skin. Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Mobile liquid
Colour	Colourless to pale yellow
Odour	Characteristic

Relative Density	0.845 to 0.895 @ 20°C
Flash Point (°C)	76
Refractive Index	1.457 to 1.463@ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.
<b>9.2 Other information</b>	
No additional data available.	

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	
No dangerous reactions known.	
<b>10.2 Chemical stability</b>	
It presents no significant reactivity hazards, by itself or in contact with water.	
<b>10.3 Possible hazardous reactions</b>	
No additional data available	
<b>10.4 Conditions to Avoid</b>	
Avoid storage temperatures above 25°C <sup>(2)</sup>	
<b>10.5 Incompatible materials</b>	
Avoid contact with strong acids, alkalis and oxidising agents.	
<b>10.6 Hazardous Decomposition Products</b>	
No additional data available.	

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Acute oral toxicity Linalool LD50 rat: 2790 mg/kg Acute oral toxicity Eucalyptol LD50 rat: 2480 mg/kg [All ingredient values above taken from literature. 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	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	No additional data available
Photo-toxicity	Not considered phototoxic
Other Information	None

## 12. ECOLOGICAL INFORMATION


<b>12.1 Toxicity</b>
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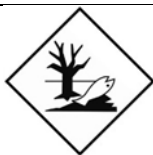
Not considered ecotoxic
<b>12.2 Persistence &amp; degradability</b>
No additional data available.
<b>12.3 Bioaccumulation Potential</b>
No additional data available.
<b>12.4 Mobility in soil</b>
No additional data available.
<b>12.5 Results of PBT and vPvB Assessment</b>
No additional data available
<b>12.6 Other adverse effects</b>
Do not allow product to enter streams, sewers or other waterways.

### 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

### 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>
UN No. Road   3082
UN No. SEA   3082
UN No. AIR   3082
<b>14.2 UN proper shipping name</b>
ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.
<b>14.3 Transport hazard class(es)</b>
ADR/RID/ADN Class 9 ADR/RID/ADN Class 9 IMDG Class 9 ICAO Class/Division 9  Transport Labels  
<b>14.4 Packing group</b>
ADR/RID/ADN Packing group III IMDG Packing group III ICAO Packing group III
<b>14.5 Environmental hazards</b>
Environmentally Hazardous Substance/Marine Pollutant

**14.6 Special precautions for user**

None

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

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**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

## Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

## Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**15.2 Chemical safety assessment**

No additional information available.

**16. OTHER INFORMATION**

Hazard and/or Precautionary Statements in Full	H315	Causes skin irritation.
	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..
Other Information	None	
Revision Date	September 3, 2015	
Reason for revision	New SDS	
Rev No/Repl, SDS Generated	01	

**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.