

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

#### 1.1. Product identifier

Product form	: Substance
Substance name	: Lavender High Altitude Essential Oil
EC Index-No.	: 289-995-2
EC-No.	: 289-995-2
CAS-No.	: 90063-37-9
Product code	: 120
Other means of identification	: Lavandula Angustifolia Herb Oil is an essential oil steam distilled from the flowering herbs of the lavender, <i>Lavandula angustifolia</i> , Labiatae from plants grown in the high elevation or high altitude regions of France.

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Suitable for cosmetic, fragrance, flavour and professional use only.

##### 1.2.2. Uses advised against

No additional information available

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

Naissance  
Unit 9 & 11 Milland Road Industrial Estate  
Milland Road  
SA11 1NJ Neath - United Kingdom  
[www.discoveringbetter.com](http://www.discoveringbetter.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412
Full text of H statements : see section 16	

##### Adverse physicochemical, human health and environmental effects

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

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

GHS08

Signal word (CLP)

: Danger

Hazard statements (CLP)

: 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.  
H412 - Harmful to aquatic life with long lasting effects.

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Precautionary statements (CLP) : P261 - Avoid breathing mist/vapours/spray.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331 - Do NOT induce vomiting.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P405 - Store locked up.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P362+P364 - Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Name : Lavender High Altitude Essential Oil  
CAS-No. : 90063-37-9  
EC-No. : 289-995-2  
EC Index-No. : 289-995-2

Name	Product identifier	%
Linalyl acetate	(CAS-No.) 115-95-7 (EC-No.) 204-116-4	25 - 50
Linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4	< 38
Trans Ocimene	(CAS-No.) 13877-91-3 (EC-No.) 237-641-2	2.5 - 10
Terpinene-4-ol	(CAS-No.) 562-74-3 (EC-No.) 209-235-5	< 2.5
Octan-3-One	(CAS-No.) 106-68-3	< 2.5
Cineole	(CAS-No.) 470-82-6 (EC-No.) 207-431-5	< 2.5
Geranyl acetate	(CAS-No.) 105-87-3 (EC-No.) 203-341-5	< 2.5
Limonene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5	< 0.5
Camphor	(CAS-No.) 76-22-2 / 21368-68-3 (EC-No.) 200-945-0	< 0.5
Coumarin	(CAS-No.) 91-64-5 (EC-No.) 202-086-7	< 0.3
Geraniol	(CAS-No.) 106-24-1 (EC-No.) 203-377-1	< 0.2
Oct-1-EN-3-YL-Acetate	(CAS-No.) 2442-10-6 (EC-No.) 219-474-7	< 0.2

Full text of H-statements: see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Do not induce vomiting. Rinse mouth. Get medical advice/attention.

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

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

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Symptoms/effects after eye contact : Eye irritation.  
Symptoms/effects after ingestion : Risk of lung oedema.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide.

### 5.3. Advice for firefighters

Precautionary measures fire : Evacuate area. Eliminate all ignition sources if safe to do so. Stop leak if safe to do so.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

General measures : Stop leak if safe to do so. Remove ignition sources. Evacuate area.

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas.

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

Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. On land, sweep or shovel into suitable containers. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Camphor (76-22-2 / 21368-68-3)

Germany	TRGS 910 Acceptable concentration notes	
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	13
United Kingdom	WEL TWA (ppm)	2 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	19
United Kingdom	WEL STEL (ppm)	3 ppm
USA - ACGIH	ACGIH TWA (ppm)	2 ppm
USA - ACGIH	ACGIH STEL (ppm)	3 ppm

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### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

#### Personal protective equipment:

EN 374. EN 166.

<b>Hand protection:</b>
Protective gloves
<b>Eye protection:</b>
Safety glasses
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Colourless to pale yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 76 °C
Auto-ignition temperature	: The product is not self igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: ≈ 0.879 @ 20°C
Solubility	: Water: Not miscible in water
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

Refractive index : ≈ 1.461 @ 20°C

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong bases. Strong acids.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### Linalool (78-70-6)

LD50 oral rat	3000 mg/kg
LD50 oral	2790 mg/kg
LD50 dermal rabbit	5610 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/l/4h

#### Cineole (470-82-6)

LD50 oral rat	2480 mg/kg
LD50 dermal	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/l

#### Geranyl acetate (105-87-3)

LD50 oral rat	≈ 6330 mg/kg
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#### Limonene (5989-27-5)

LD50 oral rat	4400 mg/kg
LD50 dermal	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/l

#### Camphor (76-22-2 / 21368-68-3)

LD50 oral	1500 mg/g
LC50 inhalation rat (mg/l)	1.5 mg/l

#### Coumarin (91-64-5)

LD50 oral	500 mg/kg
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#### Geraniol (106-24-1)

LD50 oral rat	≈ 3600 ml/kg
LD50 dermal rabbit	> 5 g/kg

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 : Not classified

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Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Harmful to aquatic life with long lasting effects.

#### Linalool (78-70-6)

LC50 fish 1	27.8 mg/l
EC50 Daphnia 1	59 mg/l
EC50 96h algae (1)	88.3 mg/l

#### Limonene (5989-27-5)

LC50 fish 1	≈ 33 mg/l
EC50 Daphnia 1	0.1 - 1 mg/l
ErC50 (algae)	0.1 - 1 mg/l

#### 12.2. Persistence and degradability

##### Linalyl acetate (115-95-7)

Persistence and degradability	Not established.
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##### Linalool (78-70-6)

Persistence and degradability	Not established.
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##### Trans Ocimene (13877-91-3)

Persistence and degradability	Not established.
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##### Terpinene-4-ol (562-74-3)

Persistence and degradability	Not established.
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##### Octan-3-One (106-68-3)

Persistence and degradability	Not established.
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##### Cineole (470-82-6)

Persistence and degradability	Not established.
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##### Geranyl acetate (105-87-3)

Persistence and degradability	Not established. May cause long-term adverse effects in the environment.
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##### Limonene (5989-27-5)

Persistence and degradability	Not established. May cause long-term adverse effects in the environment.
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##### Coumarin (91-64-5)

Persistence and degradability	Not established.
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<b>Geraniol (106-24-1)</b>	
Persistence and degradability	Not established.
<b>12.3. Bioaccumulative potential</b>	
<b>Linalyl acetate (115-95-7)</b>	
Bioaccumulative potential	Not established.
<b>Linalool (78-70-6)</b>	
Log Pow	2.84 - 3.1
Bioaccumulative potential	Not established.
<b>Trans Ocimene (13877-91-3)</b>	
Bioaccumulative potential	Not established.
<b>Terpinene-4-ol (562-74-3)</b>	
Bioaccumulative potential	Not established.
<b>Octan-3-One (106-68-3)</b>	
Bioaccumulative potential	Not established.
<b>Cineole (470-82-6)</b>	
Bioaccumulative potential	Not established.
<b>Geranyl acetate (105-87-3)</b>	
Bioaccumulative potential	Not established.
<b>Limonene (5989-27-5)</b>	
Bioaccumulative potential	Not established.
<b>Coumarin (91-64-5)</b>	
Bioaccumulative potential	Not established.
<b>Geraniol (106-24-1)</b>	
Bioaccumulative potential	Not established.
<b>12.4. Mobility in soil</b>	
No additional information available	
<b>12.5. Results of PBT and vPvB assessment</b>	
No additional information available	
<b>12.6. Other adverse effects</b>	
No additional information available	
<b>SECTION 13: Disposal considerations</b>	
<b>13.1. Waste treatment methods</b>	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions. Must follow special treatment according to local regulation.
<b>SECTION 14: Transport information</b>	
In accordance with ADR	
<b>ADR</b>	
<b>14.1. UN number</b>	
Not regulated	

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<b>14.2. UN proper shipping name</b>	Not regulated
<b>14.3. Transport hazard class(es)</b>	Not regulated
<b>14.4. Packing group</b>	Not regulated
<b>14.5. Environmental hazards</b>	Not regulated
No supplementary information available	
<b>14.6. Special precautions for user</b>	
<b>Overland transport</b>	Not regulated
<b>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Lavender High Altitude Essential Oil is not on the REACH Candidate List

Lavender High Altitude Essential Oil is not on the REACH Annex XIV List

Lavender High Altitude Essential Oil is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Lavender High Altitude Essential Oil is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
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
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 2	Flammable solids, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
H226	Flammable liquid and vapour.



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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.
H373	May cause damage to organs through prolonged or repeated exposure.
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.

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*