

# AKÖMA™

## FROM THE HEART

### MATERIAL SAFETY DATA SHEET

#### 1 - Identification of Product and Supplier

<b>Product Name:</b>	<b>Lavender Essential Oil Organic</b>				
<b>Biological Definition</b>	Lavandula Angustifolia Herb Oil is an essential oil distilled from the flowering herbs of the lavender, Lavandula Angustifolia, Labiatae.				
<b>INCI Name</b>	Lavandula Angustifolia Herb Oil				
<b>Synonyms &amp; Trade Names</b>	N/A				
<b>Internal Product Code</b>	R0224				
<b>FEMA No.</b>	2622	<b>FDA No.</b>	\$182.20	<b>CoE No.</b>	257
<b>CAS-No</b>	90063-37-9	<b>EC No.</b>	289-995-2	<b>EINECS No.</b>	289-995-2
<b>Supplier:</b>	<b>Akoma International (UK) LTD</b> Unit 9A Sawley Park Nottingham Road Derby DE21 6AS Tel: +44 (0) 1332 613 967				
<b>Emergency Contact:</b>	Mr. Wynn Mensah – Tel: 01332 613 967				

#### 2 - Hazards identification:

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

Classification (67/548/EEC)	Xn-Xi; R38-65, 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

<b>GHS Label:</b>	GHS07 GHS08
<b>Signal word:</b>	Danger
<b>Contains</b>	Cis Beta Ocimene
<b>Hazard Statements:</b>	H315 Causes skin irritation H319 Causes serious eye irritation H304 May be fatal if swallowed and enters airways

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**Precautionary Statements:** P280 Wear protective gloves/protective clothing/eye protection/face protection  
P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P405 Store locked up  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

**Supplementary** None

**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

**3 - Composition and information on ingredients:**

**3.1 Substances**

**25.0 – 50.0% Linalyl Acetate CAS: 115-95-7, EC:204-116-4**

Classification (EC1272/2008) Skin Irrit. 2, H315; Eye Irrit. 2, H319

**25.0 – 50.0% Linalool CAS No: 78-70-6, EC: 201-134-4**

Classification (EC 1272/2008) Skin Irrit. 2, H315; Eye Irrit. 2, H319

**2.5 – 10.0% Cis Beta Ocimene CAS: 13877-91-3, EC: 237-641-2**

Classification (1272/2008) Flam. Liq. 3, H226; Asp. Tox. 1, H304

**<2.5% p-menth-1-en-4-ol CAS: 562-74-3, EC: 209-235-5**

Classification (EC 1272/2008) Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit.2, H319

**<2.5% Octan-3-one CAS: 106-68-3, EC: 203-423-0**

Classification (EC1272/2008) Flam Liq. 3, H226

**<2.5% Eucalyptol CAS: 470-82-6, EC: 207-431-5**

Classification (EC1272/2008) Flam. Liq. 3, H226; Skin Sens. 1B, H317

**<2.5 Geranyl Acetate CAS: 105-87-3 EC: 203-341-5**

Classification (EC1272/2008) Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412

**<2.5% oct-1-en-3-yl acetate CAS: 2442-10-6 EC: 219-474-7**

Classification (EC 1272/2008) Acute Tox. 4, H302; Skin Sens. 1B, H317

**3.2 Mixtures**

**EU INCI**

**US INCI**

N/A

N/A

**4 - First aid measures:**

**4.1 Description of first aid measures**

General Information See categories below

Inhalation In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air.

Ingestion Inform doctor. Do not give milk or fatty oils.

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Skin Contact Immediately wash with water and soap and rinse thoroughly.  
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

### **5 - Fire - Fighting measures:**

#### **5.1 Extinguishing Media**

Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. For safety reasons 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**

### **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 7 – Handling and safe handling*

*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.*

### **7 - Handling and storage:**

#### **7.1 Precautions for safe handling**

Ensure good ventilation / exhaustion at the work place

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

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.

Information about storage in one common storage facility are not required.

Further information about storage conditions: Keep receptacles tightly sealed. Store in the dark.

#### **7.3 Specific end use(s)**

N/A

## 8 - Exposure controls and personal protection:

### 8.1 Control Parameters

None

### 8.2 Exposure Controls

Eye protection



Avoid contact with the eyes and skin. Wear tightly sealed goggles.

Hand protection



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.

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 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.

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.

Respiratory Equipment  
Hygiene Measures

Not required.

Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.

Engineering Measures

Ensure good ventilation of working area.

## 9 - Physical data and chemical properties:

### 9.1 Information on basic physical and chemical properties

Appearance	Colourless to pale yellow clear mobile liquid
Odour	Characteristic
Relative Density (g/ml)	0.874 - 0.884
Refractive Index nD20	1.456 - 1.466
Optical Rotation	-10.00 to 0.0
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

## 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.

## 11 - Toxicological information:

### 11.1 Information on toxicological effects.

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
Other information:	Not considered phototoxic

## 12 - Ecological Information:

### 12.1 Toxicity

Not considered ecotoxic.

### 12.2 Persistence and degradability

No additional data available

### 12.3 Bio-accumulative potential

No additional data available

#### 12.4 Mobility in soil

No additional data available

#### 12.5 Results of PBT and VPVB assessment

No additional data available

#### 12.6 Other adverse effects

N/A

### 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.

### 14 - Transport Information:

Warning Icon	None
Proper Shipping Name	None
UN No. Road	Not regulated
ADR Class	Not classed as a hazardous material for transport
Hazard No (ADR)	N/A
Hazchem Code	N/A
UN No. SEA	Not regulated
IMDG Class	None
IMDG Pack Gr.	None
EMS	N/A
UN No. AIR	Not regulated
Air Class	None
Air Pack Gr.	None

### 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 18th 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.

## 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

### Risk Phrases in full:

R38 Irritating to skin  
R65 Harmful May cause lung damage if swallowed.

### Safety Phrases in full:

S24 Avoid contact with skin  
S62 If swallowed, do not induce vomiting, seek medical advice immediately and show the container or label.

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

### Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding it's' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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