





# Artisan Aromatics

## Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Lavender Oil French Organic			
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		-			
CAS-No	90063-37-9	EC No.	289-995-2	EINECS No.	289-995-2
1.2 Relative identified uses of the substance or mixture and uses advised against					
Suitable for cosmetic flavour and professional use.					
1.3 Details of the supplier of the safety data sheet					
Hughes & Co Ltd, 10 Market Street – Suite 512, Camana Bay, Grand Cayman, KY1-9006 Cayman Islands. EU Address – The Ingredient Warehouse, Station Road, Uppingham, Rutland. LE15 9TX. Email – sds@hughescompany.co.uk.					
1.4 Emergency Tel. No.		+ 44 (0) 1572 820267			

### 02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
The full text for all hazard statements, are displayed in Section 16.	
Classification (EC 1272/2008)	
Physical hazards:	Not classified.
Health hazards:	Asp. Tox. 1 – H304, Skin Irrit. 2 - H315, Skin Sens. 1B - H317, Eye Irrit. 2 - H319
Environmental hazards:	Aquatic Chronic 3 – H412
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
GHS08	GHS07
	
Signal Word	Danger
Contains	Ocimene, d-Limonene
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. H412: Harmful to aquatic life with long lasting effects.	
Precautionary Statements	
P261: Avoid breathing mist/vapours/spray.	

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P302+P352: IF ON SKIN: Wash with plenty of water.

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.

P501 Dispose of contents in accordance with local, state or national legislation.

#### Supplementary Precautionary Statements

P264: Wash hands and exposed skin thoroughly after handling.

### 2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available.
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Adverse physio-chemical properties	No additional data available.
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Adverse effects on human health	No additional data available.
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## 03. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

<b>20.0 – 40.0% Linalyl Acetate</b>	CAS No: 115-95-7, EC No: 204-116-4
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Classification (EC 1272/2008) Skin Irrit. 2, H315; Eye Irrit. 2, H319

<b>≤ 34% Linalool</b>	CAS No: 78-70-6 EC No: 201-134-4
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Classification (EC 1272/2008) Skin Irrit. 2, H315; Skin Sens. 1B H317; Eye Irrit. 2, H319

<b>3.0 - 10.0% Ocimene</b>	CAS No: 13877-91-3, EC No: 237-641-2
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Classification (EC 1272/2008) Flam. Liq. 3, H226; Asp. Tox. 1, H304

<b>2.0 – 5.0% Terpinen-4-ol</b>	CAS No: 562-74-3, EC No: 209-235-5
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Classification (EC 1272/2008) Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319

<b>≤1.5% Oct-1-en-3-yl acetate</b>	CAS No: 2442-10-6, EC No: 219-474-7
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Classification (EC 1272/2008) Acute Tox. 4, H302; Skin Sens.1, H317

<b>≤1.0% d-Limonene</b>	CAS No: 5898-27-5, EC No: 227-813-5
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Classification (EC 1272/2008) Flam. Liq. 3, H226, Asp. Tox. 1, H304, Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400 ;Aquatic Chronic 1, H410

## 04. FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Remove from exposure area to fresh air. Get medical advice/attention.
Ingestion	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and

	open eyes wide apart. Get medical advice/attention. Continue to rinse.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
	No additional data available.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
	Treat symptomatically.

**05. FIRE-FIGHTING MEASURES**

<b>5.1 Extinguishing Media</b>	
	Extinguish with the following media: Foam, carbon dioxide or dry powder. Unsuitable extinguishing media: do not use water jet as an extinguisher.
<b>5.2 Special hazards arising from the product</b>	
	Possible discharge of toxic gases upon burning. Use protective equipment – gas mask.
<b>5.3 Advice for firefighters</b>	
	Use protective equipment – gas mask.

**06. ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
	Ensure immediate ventilation of premises. Use personal protective equipment. Remove ignition sources.
<b>6.2 Environmental Precautions</b>	
	Cover flood with inert, non-combustible materials. Collect in a suitable disposal container. Do not allow sewerage leaking.
<b>6.3 Methods and material for containment and cleaning up.</b>	
	Absorb with liquid binding material e.g. sand, diatomaceous earth Collect in closed and suitable containers for disposal. Wash spill site after removal with a detergent.
<b>6.4 Reference to other sections</b>	
	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**

<b>7.1 Precautions for safe handling</b>	
	Observe good hygiene in the place of storage. Do not allow spilling of combustible materials in the storage premises.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
	Store in dry, intact, tightly sealed containers, at cool temperatures (5 – 15 °C) and away of sunlight.
<b>7.3 Specific end use(s)</b>	
	None.

**08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8.1 Control parameters</b>	
	3Linalyl Acetate CAS No: 115-95-7, EC No: 204-116-4 TLV TWA - TLV STEL- VLE 8h- VLE short: None.
	Linalool CAS No: 78-70-6, EC No: 201-134-4 TLV TWA - TLV STEL- VLE 8h- VLE short: None.

Ocimene CAS No: 13877-91-3, EC No: 237-641-2  
TLV TWA - TLV STEL- VLE 8h- VLE short: None.

Terpinen-4-ol CAS No: 562-74-3, EC No: 209-235-5  
TLV TWA - TLV STEL- VLE 8h- VLE short: None.

d-Limonene, CAS: 5989-27-5 No, EC No: 227-813-5  
TLV TWA - TLV STEL- VLE 8h- VLE short: None.

## 8.2 Exposure controls

### 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	Use protective gloves that provide comprehensive protection, e.g. P.V.C., neoprene or rubber.
Eye Protection	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes (wear safety goggles in accordance with standard EN166)
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	No additional data available.
Skin Protection	Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless to pale yellow.
Odour	Characteristic.
Relative Density	Approx. 0.880 @ 20°C
Flash Point (°C)	67°C
Refractive Index	Approx. 1.462 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	340 °C
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.

### 9.2 Other information

No additional data available.

**10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>
Stable under normal conditions.
<b>10.2 Chemical stability</b>
Stable under normal conditions.
<b>10.3 Possible hazardous reactions</b>
No additional data available.
<b>10.4 Conditions to Avoid</b>
Avoid extreme heat and direct sunlight.
<b>10.5 Incompatible materials</b>
Avoid strong acids, alkalis and oxidising agents.
<b>10.6 Hazardous Decomposition Products</b>
The thermal decomposition may release/form: carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> )

**11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	<p>Not classified.</p> <p>Linalyl Acetate CAS: 115-95-7, EC No: 204-116-4 Oral rat LD50: 14600 mg/kg</p> <p>Linalool CAS: 78-70-6, EC No: 201-134-4 Oral LD50 (rat): 2790 mg/kg Dermal LD (rabbit): &gt; 5000 mg/kg</p> <p>Ocimene CAS: 13877-91-3, EC No: 237-641-2 LD50 oral (rats): &gt;5 g/kg LD50 dermal (rabbits): &gt;5 g/kg</p> <p>Terpinen-4-ol CAS: 562-74-3, EC No: 209-235-5 LD50 oral: 1.3 g/kg (rat) LD50 oral: 5 g/kg (rabbit)</p> <p>d-Limonene CAS: 5989-27-5, EC No: 227-813-5 Oral (rat) : LD50 4400 mg/kg Oral (mice): LD50 &gt; 5500 mg/kg Dermal (rabbit): LD50 &gt;2000 mg/kg</p>
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.
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.
Photo-toxicity	No additional data available.
Other Information	None.

**12. ECOLOGICAL INFORMATION**

<b>12.1 Toxicity</b>	
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Adopt good working practices, so that the product is not released into the environment.	
<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>	
List of substances dangerous for the environment and corresponding classification: < 1% d-Limonene CAS: 5989-27-5 EC: 227-813-5 Fish (P.Promelas) : LC50 33mg/l - 96h Daphia magna: EC50 69.6 mg/l - 48h vPvB Substances: - PBT Substances: None.	
<b>12.6 Other adverse effects</b>	
None.	

**13. DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>	
Treat wastes according to the local and national legislation.	

**14. TRANSPORT INFORMATION**

<b>14.1 UN number</b>	
UN No. Road	Not regulated.
UN No. SEA	Not regulated.
UN No. AIR	Not regulated.
<b>14.2 UN proper shipping name</b>	
Not applicable - The product is not covered by international regulations on the transport of dangerous goods. (IMDG, IATA, ADR/RID).	
<b>14.3 Transport hazard class(es)</b>	
No transport warning sign required.	
<b>14.4 Packing group</b>	
Not applicable.	
<b>14.5 Environmental hazards</b>	
Not an environmentally hazardous substance/marine pollutant for transport.	
<b>14.6 Special precautions for user</b>	
See sections 6 – 8.	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
Not applicable.	

**15. REGULATORY INFORMATION**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<p>Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p>Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p>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.</p>
15.2 Chemical safety assessment
No additional information available.

**16. OTHER INFORMATION**

Hazard and/or Precautionary Statements in Full	H226: Flammable liquid and vapour. H302: Harmful if swallowed. 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. 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.
Other Information	None
Revision Date	28/02/2018
Reason for revision	03 updated SDS
Rev No/Repl, SDS Generated	03, replaces 02

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