



Artisan Aromatics

Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Lavender Oil Population			
Biological Definition		Lavandula Angustifolia Oil is the volatile oil obtained from the flowers of the Lavender, <i>Lavandula angustifolia</i> .			
INCI Name		Lavandula Angustifolia Oil			
Synonyms & Trade Names		-			
CAS-No	8000-28-0 / 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, fragrance and professional use only.					
1.3 Details of the supplier of the safety data sheet					
Artisan Aromatics 1708 Lena St, #103, Santa Fe, NM 87505 Email – hello@artisanaromatics.com					
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 displayed in Section 16.	
Classification (EC 1272/2008)	
Physical hazards:	Not classified
Health hazards:	Asp. Tox. 1 – H304, Skin Sens. 1B - H317, Eye Irrit. 2 - H319
Environmental hazards:	Aquatic Chronic 3 – H412
*See section 16 for other information on product classification.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
GH508	GH507
Signal Word	Danger
Contains	cis-beta-Ocimene , beta-Caryophyllene,
Hazard Statements	
H304 May be fatal if swallowed and enters airways. 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 vapours/spray.	

P273 Avoid release to the environment.
 P280 Wear protective gloves and eye protection.
 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.
 P391 Collect spillage.
 P501 Dispose of contents in accordance with local, state or national legislation.

Supplementary Precautionary Statements

P264 Wash hands thoroughly after handling.

2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

30.0 – 45.0% Linalyl Acetate CAS No: 115-95-7 EC No: 204-116-4

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1B - H317, Eye Irrit. 2 - H319

≤ 38.45% Linalool CAS No: 78-70-6 EC No: 201-134-4

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1B - H317, Eye Irrit. 2 - H319

1.0 – 8.0% cis-beta-Ocimene CAS No: 3338-55-4 EC No: 222-081-3

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411

1.0 – 6.0% beta-Caryophyllene CAS No: 87-44-5 EC No: 201-746-1

Classification (EC 1272/2008) Asp. Tox. 1 - H304, Skin Sens. 1B - H317

1.0 – 5.0% Terpinen-4-ol CAS No: 562-74-3 EC No: 209-235-5

Classification (EC 1272/2008) Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Irrit. 2 - H319, STOT SE 3 - H336

1.0 – 5.0% 1,8-Cineol CAS No: 470-82-6 EC No: 207-431-5

Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Sens. 1B - H317

≤ 3.1% d-Limonene CAS No: 5989-27-5 EC No: 227-813-5

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

≤ 2.5% Camphor	CAS No: 76-22-2	EC No: 200-945-0
Classification (EC 1272/2008) Flam. Sol. 2 - H228, Skin Irrit. 2 - H315, Eye Dam. 1 - H318, Acute Tox. 4 - H332, STOT SE 2 - H371		
1.0 – 3.0% Geranyl Acetate	CAS No: 105-87-3	EC No: 203-341-5
Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Chronic 3 - H412		
≤ 1.0% Myrcene	CAS No: 123-35-3	EC No: 204-622-5
Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411		
≤ 0.25% Geraniol	CAS No: 106-24-1	EC No: 203-377-1
Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Dam. 1 - H318		
≤ 0.15% Coumarin	CAS No: 91-64-5	EC No: 202-086-7
Classification (EC 1272/2008) Acute Tox. 3 - H301, Acute Tox. 3 - H311, Skin Sens. 1 - H317, Acute Tox. 3 - H331, Aquatic Chronic 2 - H411		

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.
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	
Treat symptomatically.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
Extinguish with the following media: carbon dioxide, dry chemical, foam. Unsuitable extinguishing media: do not use water jet as an extinguisher, as this may scatter and spread fire.	
5.2 Special hazards arising from the product	
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂), Carbon monoxide (CO), other toxic gases. Containers close to fire should be removed or cooled with water.	

5.3 Advice for firefighters

Avoid inhalation of generated fumes or vapours. Wear self-contained breathing apparatus and appropriate protective clothing.

06. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up.

Absorb with liquid binding material e.g. sand, diatomaceous earth, vermiculite.
Collect in closed and suitable containers for disposal in accordance with local, state or national legislation. Prevent any material from entering drains or waterways. Wash spill site after removal with a detergent.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13.

07. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly-closed, original container in a dry, cool and well-ventilated area, away from potential sources of ignition and protected from light.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Camphor CAS No: 76-22-2. As solid:
Long-term exposure limit (8-hour TWA): WEL 2 ppm 13 mg/m³
Short-term exposure limit (15-minute): WEL 3 ppm 19 mg/m³
WEL = Workplace Exposure Limit

8.2 Exposure controls**Protective Equipment**

Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Hand Protection	Wear suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Eye Protection	Avoid contact with eyes. 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. Do not eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.
Personal Protection	Use of chemical resistant clothing is recommended when handling.
Skin Protection	Wear appropriate protective clothing to prevent skin contact. Work clothing worn by personnel should be laundered regularly. After contact with the product, all parts of the body that have been exposed must be washed thoroughly.
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	Liquid colourless to pale yellow.
Colour	Colourless to pale yellow.
Odour	Characteristic.
Relative Density	Approx. 0.882 @ 20°C
Flash Point (°C)	Approx. 73°C
Refractive Index	Approx. 1.460 @ 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.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Presents no significant reactivity hazards. Stable under normal temperature conditions and recommended use.	
10.2 Chemical stability	
Stable under the recommended handling and storage conditions in section 7.	
10.3 Possible hazardous reactions	
Not expected under normal conditions of use.	
10.4 Conditions to Avoid	
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Prevent storing the product in open containers for long periods so as to prevent product deterioration.	
10.5 Incompatible materials	
Avoid contact with strong acids, alkalis or oxidising agents.	
10.6 Hazardous Decomposition Products	
Not expected under normal temperature conditions and recommended use.	

Thermal decomposition may release/form oxides of carbon (carbon monoxide, carbon dioxide) and other toxic gases.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Not classified.
Skin corrosion / irritation	The CLP additivity calculation classifies the product as Skin Irrit. 2, H315 - Causes skin irritation. However based on REACH data the product is considered to be a non-irritant to skin.
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Skin - 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	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
The CLP calculation classifies the product as Aquatic Chronic 2, H411 - Toxic to aquatic life with long lasting effects. However based on REACH data the product is classified as Aquatic Chronic 3, H412 - Harmful to aquatic life with long lasting effects.	
12.2 Persistence & degradability	
Biodegradable.	
12.3 Bioaccumulation 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	
No additional data available.	

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	
<p>Do not allow entry into drains or waterways.</p> <p>Waste:</p> <p>Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.</p> <p>Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.</p> <p>Do not contaminate the ground or water with waste. Do not dispose of waste into the environment.</p> <p>Soiled packaging:</p> <p>Empty container completely. Keep label(s) on container.</p>	

Dispose of via a certified disposal contractor.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<p><u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p><u>EU Legislation</u> 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	<p>H226 Flammable liquid and vapour.</p> <p>H228 Flammable solid.</p> <p>H301 Toxic if swallowed.</p> <p>H302 Harmful if swallowed.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H311 Toxic in contact with skin.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p>
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	H331 Toxic in contact with skin. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness H371 May cause damage to organs. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Other Information	The CLP additivity calculation includes: H315 - Skin Irrit. 2 H411 - Aquatic Chronic 2. However, product has been classified according to REACH data: Not classified as a skin irritant. Classified as Aquatic Chronic 3, H412 and not Aquatic Chronic 2, H411
Revision Date	11/03/2021
Reason for revision	03 updated SDS 02 updated SDS 01 new document
Rev No/Repl, SDS Generated	03, replaces 02

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.



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AROMATICS

Certificate of Analysis

Product Name	Lavender Oil Population				
Botanical Name	<i>Lavandula angustifolia</i>				
Customer					
Batch No	42939_25	Product Code	5403 / E297	Date	11/01/2022

ANALYSIS	SPECIFICATION RANGE	RESULT
PHYSICAL PROPERTIES		
Appearance	Mobile clear liquid, colourless to pale yellow	Conforms
Odour	Characteristic	Conforms
ANALYTICAL TEST		
Relative Density @ 20°C (g/ml)	0.877 - 0.887	0.884
Refractive Index @ 20°C	1.456 - 1.463	1.460
Optical Rotation @ 20°C (Degrees)	-10.0 to +0.0	-5.2

STORAGE

Shelf life of this product is influenced by many conditions of which temperature, exposure to light / air and general good storage are the major factors. Material stored in adverse conditions may deteriorate much faster. Our suggested "Re-test" date shown on this certificate reflects a minimum period in which we would expect product to remain in good usable conditions if stored as recommended. Thereafter its continued shelf life may be very much longer and we advise re-test at the indicated date and then every 3-6 months up to a suggested commercial expiry date as shown below. The expiry date is subjective and should be controlled by QC/QA. Typical indicators of re-test failure would be changes in organoleptic properties (clarity / colour / sediment / haze / off odour etc) Such changes may be gradual and slight and the commercial expiry date is intended to reflect a viable maximum proposal subject to earlier re-test approvals

STABILITY

Date of packing:	11/22
Re-test date:	11/24
Commercial expiry Date:	11/25