

# **CERTIFICATE OF ANALYSIS**

PRODUCT LAVENDER FRENCH HIGH

**ALTITUDE** 

BATCH NO:

4571303

BEST BEFORE DATE:

February 2028

TEST	UNIT	RESULTS
APPEARENCE		CLEAR MOBILE LIQUID
COLOR		CLEAR
ODOR		FRESH, SWEET, FLORAL, HERBACEOUS
DENSITY 20	(g/ml)	0.883
REFRACTIVE IND.20		1.4580
GC ANALYSIS		PROFILE SIMILAR TO STANDARD

#### REACH REGISTRATION NO.01-2120746582-51

WE CERTIFY THAT THE QUALITY OF THIS PRODUCT CONFORMS WITH OUR SPECIFICATIONS.

THIS CERTIFICATE DOES NOT RELEASE THE CUSTOMER FROM THE OBLIGATION TO CARRY OUT AN EXAMINATION OF THE GOODS RECEIVED.

WE SHALL NOT BE HELD LIABLE FOR ANY DAMAGE OR INJURY RESULTING FROM HANDLING OR WITH THE ABOVE PRODUCT.

THIS IS A COMPUTER PRINTED DOCUMENT AND IT IS THEREFORE NOT SIGNED.



# **FRAGRANCE ALLERGENS**

Product name: LAVENDER FRENCH HIGH ALTITUDE

Ingredient	Total content (w/w)
Amyl cinnamic alcohol (CAS 101-85-9)	Not Detected
Amyl cinnamic aldehyde (CAS 122-40-7)	Not Detected
Anisyl alcohol (CAS 105-13-5)	Not Detected
Benzyl alcohol (CAS 100-51-6)	Not Detected
Benzyl benzoate (CAS 120-51-4)	Not Detected
Benzyl cinnamate (CAS 103-41-3)	Not Detected
Benzyl salicylate (CAS 118-58-1)	Not Detected
Cinnamic alcohol (CAS 104-54-1)	Not Detected
Cinnamic aldehyde (CAS 104-55-2)	Not Detected
Citral (CAS 5392-40-5)	Not Detected
Citronellol (CAS 106-22-9)	Not Detected
Coumarin (CAS 91-64-5)	Not Detected
Eugenol (CAS 97-53-0)	Not Detected
Farnesol (CAS 4602-84-0)	Not Detected
Geraniol (CAS 106-24-1)	< 1%
Hexylcinnamic aldehyde (CAS 101-86-0)	Not Detected
Hydroxycitronellal (CAS 107-75-5)	Not Detected
Hydroxymethylpentylcyclohexene carboxaldehyde (Lyral) (CAS 31906-04-4)	Not Detected
Isoeugenol (CAS 97-54-1)	Not Detected
D-Limonene (CAS 5989-27-5)	< 1,5%
Linalool (CAS 78-70-6)	< 33%
2-methyl-3-(4-(1,1-dimethyl ethyl) phenyl)propanal (Lilial) (CAS 80-54-6)	Not Detected
Methyl heptine carbonate (CAS 111-12-6)	Not Detected
Gamma-methylionone (iso-alfa-Methylionone) (3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one) (CAS 127-51-5)	Not Detected
Treemoss (Evernia furfuracea) (CAS 90028-67-4)	Not Detected
Oakmoss (Evernia prunastri)(CAS 90028-68-5)	Not Detected

Detection limit: 10 ppm

This list comprises references 45, 67 and 69 to 92 in Annex III to Regulation (EC) 1223/2009 (the Cosmetics Regulation).

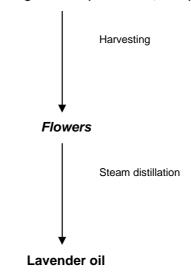
Version date: 27 March 2013



# **Flowchart of the Production Process**

**Product:** LAVENDER FRENCH HIGH ALTITUDE OIL

# Lavandula angustifolia (officinalis, vera)



Information provided by our supplier(s) and/or according to literature data.



# **G.M.O. CERTIFICATE**

Product: LAVENDER FRENCH HIGH ALTITUDE

To our knowledge from the currently existing information in our files received from our suppliers, we certify that the above-mentioned product

- · does not contain,
- · does not consist of,
- is not derived from, and
- is not produced with the aid of

genetically modified organisms (GMO) or derivative ingredients. Therefore, it is exempt from the requirements of the EU Regulations 1829/2003/EC and 1830/2003/EC.



# IFRA CONFORMITY CERTIFICATE

To our knowledge from the currently existing information in our files received from our suppliers and/or the data obtained from the analysis made in our laboratory, we certify that the following product:

# LAVENDER FRENCH HIGH ALTITUDE

is not restricted by the Standards of the International Fragrance Association (IFRA48th Amendment / published June 2015), provided it is used at the following maximum concentration levels in the finishe product<sup>(1)</sup>:

Class 1	30% (2)	Class 6	Not restricted (2)
Class 2	40%	Class 7A	90%
Class 3A	Not restricted	Class 7B	90%
Class 3B	Not restricted	Class 8A	Not restricted
Class 3C	Not restricted	Class 8B	Not restricted
Class 3D	Not restricted	Class 9A	Not restricted
Class 4A	Not restricted	Class 9B	Not restricted
Class 4B	Not restricted	Class 9C	Not restricted
Class 4C	Not restricted	Class 10A	Not restricted
Class 4D	Not restricted	Class 10B	Not restricted
Class 5	Not restricted	Class 11	Not restricted

<sup>(1)</sup> the concentration of a fragrance ingredient should not exceed the usual concentration of the fragrance compound in the finished product.

Please note this certificate does not include food status conformity check. A separate document, wich may be available depending on the product, is needed for such purpose.

Contains the following substances restricted by IFRA standards:

GERANIOL < 1%

and complies with the latest IFRA specification.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance ingredient) by further testing if need be.

Version Date: 20 June 2017

<sup>(2)</sup> IFRA would recommend that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution and, where these are lacking, with the recommendations laid down in the Code of Practice of IOFI (International Organisation of the Flavour Industry).



# **NATURALNESS CERTIFICATE**

Product: LAVENDER FRENCH HIGH ALTITUDE

To our knowledge from the currently existing information in our files received from our suppliers, we certify that the above-mentioned product

X is 100% pure and natural (one single source - not blended with other natural ingredients).

is 100% natural (blend of natural products).

is a natural product diluted with synthetic carriers or solvents.

is a blend of natural and synthetic products.

'Natural' within the meaning of the ISO 9235 norm, i.e. obtained from natural raw materials by physical, enzymatic or microbiological processes or traditional preparation processes.



# **PALM OIL CERTIFICATE**

Produ	t: LAVENDER FRENCH HIGH ALTITUDE
To 01	knowledge from the currently existing information in our files received from our suppliers,
we ce	ify that the above-mentioned product
X	pes not contain palm oil or derivatives
	ontains palm oil or derivatives



# **Product Information Form** LAVENDER FRENCH HIGH ALTITUDE

1.	Gen	eral	<u>Inform</u>	ation

Chemical name LAVENDER OIL Type of Product: NATURAL EXTRACTS

INCI Name:

LAVANDULA ANGUSTIFOLIA EXTRACT

CAS number: 90063-37-9 CAS number(alternative): 8000-28-0 FEMA GRAS number 2622 FDA GRAS citation: 182.20

Molecular Formula: Molecular weight: Generic Chemical class: Purity

Process description: Steam distillation

# **Country of Origin**

Harmonized Tariff Code: 3301294100

<u>GN</u>	<u> 10</u>	<u>Statemer</u>	<u>ıt</u>

GINO Statement
This product or any of its ingredients are derived from genetically modified organism (GMO)
material : Yes 🗌 No 🕱
BSE Statement
The product contains materials of specific risk from bovine, ovine or caprine animal species:
Yes No X
Organic Status
This product is certified as organic according to the requirements of Regulation (EC) 834/2007
Yes No X

# 2. Regulatory Status of ingredient(s)

This product or all components of the product have been listed on the following inventories:

Region	Inventory	Yes	No	Inventory Number
USA	TSCA	X		
EUROPE	EINECS/ELINCS	X		289-995-2
Canada	DSL/NDSL	X		
Japan	ENCS			
Australia	AICS	X		
New Zealand	NZIoC	X		
Philippines	PICCS	X		
Korea	ECL	X		KE-21885
China	IECSC	X		
Taiwan	TCSI	X		

3. <u>Hazard identification</u> (please see o	ur SDS)		
4. <u>Transportation</u> (please see our SD	S)		
5. <u>CMR Substances</u> (please see our S	SDS)		
6.Animal testing (the product has no	t been tested on	animals for cosmetic	purposes.)
7. Fragrance Specific Information			
EU fragrance Allergens Allergens certificate available on requ	est.		
IFRA Certificate IFRA certificate available on request.			
Regulation (EC) 1223/2009 on Cosm Substance(s) which are mentioned in t preservatives, dyes, UV filters, fragran	he Annexes to th	e EU Cosmetics Reg None present	ulation (other than
Name	CAS-No.	Annex/Ref.	Percentage
3-Carene	13466-78-9	III / 121	<1%
alpha-Terpinene	99-86-5	III / 131	<0,1%
gamma-Terpinene	99-85-4	III / 132	<3%
Terpinolene	586-62-9	III / 133	<0,1%
1 of participation	000 02 0	, 100	5,175
Other fragrance materials, restricted  Halogenated and Nitromusk substan			None present X
Name of Halogenated / Nitromusk  Musk Ketone		81-14-1	Percentage
Musk Xylol		01-14-1	
-		21 15 2	
Rosalin		81-15-2 90-17-5	
Rosalin		81-15-2 90-17-5	
Polycyclic musk compounds		90-17-5 N	None present X
Polycyclic musk compounds Name of Polycyclic musk		90-17-5 N CAS-No.	None present X Percentage
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide® , ADBI)		90-17-5 N CAS-No. 13171-00-1	
Polycyclic musk compounds  Name of Polycyclic musk  Celestolide® (Crysolide® , ADBI)  Galaxolide® (Abbalide®, HHCB)		90-17-5 N CAS-No. 13171-00-1 1222-05-5	
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide® , ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI)		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0	
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide® , ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI) Tonalide® (Fixolide®, AHTN)		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0 21145-77-7	
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide® , ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI)		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0	
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide® , ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI) Tonalide® (Fixolide®, AHTN)		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0 21145-77-7 68140-48-7	
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide® , ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI) Tonalide® (Fixolide®, AHTN) Traseolide® (ATII)		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0 21145-77-7 68140-48-7	Percentage
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide®, ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI) Tonalide® (Fixolide®, AHTN) Traseolide® (ATII)  Macrocyclic musk compounds		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0 21145-77-7 68140-48-7	Percentage
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Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide®, ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI) Tonalide® (Fixolide®, AHTN) Traseolide® (ATII)  Macrocyclic musk compounds		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0 21145-77-7 68140-48-7	Percentage
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide®, ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI) Tonalide® (Fixolide®, AHTN) Traseolide® (ATII)  Macrocyclic musk compounds		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0 21145-77-7 68140-48-7	Percentage
Polycyclic musk compounds Name of Polycyclic musk Celestolide® (Crysolide®, ADBI) Galaxolide® (Abbalide®, HHCB) Phantolide® (AHDI) Tonalide® (Fixolide®, AHTN) Traseolide® (ATII)  Macrocyclic musk compounds		90-17-5 CAS-No. 13171-00-1 1222-05-5 15323-35-0 21145-77-7 68140-48-7	Percentage

Revised: 20/06/17

# **Additives and solvents**

gredient name	None present X  Percentage	Antioxidants/Stabilizers Ingredient name	Percentage
nzyl benzoate		BHA	1 01001111190
ethyl phthalate		BHT	
propyleneglycol		Tocopherol	
nanol			
nyl diglycol			
ercolyn			
propyl myristate			
opyleneglycol			
acetin			
ethyl citrate			
,			
sidual solvents	None present X	Preservatives	None present X
gredient name	Percentage	Ingredient name	Percentage
nzene		Methyl benzoate	
luene		Ethyl benzoate	
exane		Butyl benzoate	
nanol		Isobutyl benzoate	
ethanol		Benzyl alcohol	
nulsifiers	None present X	UV filters	None present X
gredient name	Percentage	Ingredient name	Percentage
greaterit manie	reiceillage	ingreatent name	reiceillage
		•	•
olors & dyes	None present X	<u> </u>	
		Color Index Number	Percentage
gredient name			
gredient name	nemicals according to	Swiss VOC-legislatio (d	ated 12.11.1997/
gredient name	nemicals according to	Swiss VOC-legislatio (d	ated 12.11.1997/
gredient name	nemicals according to	Swiss VOC-legislatio (d	
gredient name		- ,	
gredient name olatile Organic Ch		- ,	
gredient name olatile Organic Ch	Percentage	0,5	54
gredient name  olatile Organic Ch  anomaterials his product contain	Percentage s nanomaterials as def	0,5	54
gredient name  olatile Organic Ch  anomaterials his product contain	Percentage s nanomaterials as def	0,5	54
gredient name  olatile Organic Ch  anomaterials his product contain	Percentage s nanomaterials as def	0,5	54

10. California Proposition 65	None present			
Name		CAS-No.	Τ	Percentage
MYRCENE		123-35-3	<	0,500

11. <u>CITES</u>	- Convention on International Trade in Endangered Species
	The product is listed in the Appendice to the CITES convention.
X	The product is exempt from CITES requirements.

# 12. Supplier Guarantee

The information contained herein is to the best of our knowledge reliable at the below-mentioned date. It has been compiled from the currently existing information in our files received from our suppliers and/or the data obtained from the analysis made in our laboratory. It is provided for your guidance only. It is the ultimate responsibility of our customers to ensure the suitability of the product for their particular purpose by further testing if need be. This document cancels and replaces all previously issued documents for this product.

Version 4 - Revised 20/06/17



# SAFETY DATA SHEET Conforms to the requirements of the Global Harmonized System (GHS)

#### LAVENDER FRENCH ESSENTIAL OIL (HIGH ALTITUDE)

# 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

#### 1.1. Identification of the substance/mixture

Trade name: LAVENDER FRENCH ESSENTIAL OIL (HIGH ALTITUDE)

Substance name: LAVENDER OIL
CAS Number: 90063-37-9
CE Number: 289-995-2

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

Raw material for the manufacture of fragrances and/or flavourings.

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

Company: Madar Corporation Limited
Address: 19 - 20 Sandleheath Industrial Estate

Fordingbridge, SP6 1PA

**Telephone:** 01425 655 555

E-mail: technical@madarcorporation.co.uk

#### 1.4. Emergency telephone number

NCEC (+44) 1865 407333 (24h) NCEC (+34) 91 114 2520 (24h) (ES)

NCEC (+1) 202 464 2554 (24h) (USA, Canada)

#### 2. HAZARDS IDENTIFICATION

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

Flam. Liq. 4 - H227 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 2 - H401 Aquatic Chronic 3 - H412

#### 2.2. Label Elements

#### **Hazard pictograms:**





#### Signal Word:

Danger

#### Hazard statements:

H227 - Combustible liquid.

H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H401 - Toxic to aquatic life.

H412 – Harmful to aquatic life with long lasting effects.

#### **Precautionary statements:**

P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310+P331 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

P302+P352+P333+P313 – IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338+P337+P313 – IF IN EYES: 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.



# SAFETY DATA SHEET Conforms to the requirements of the Global Harmonized System (GHS)

# LAVENDER FRENCH ESSENTIAL OIL (HIGH ALTITUDE)

## 2.3. Other hazards

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Chemical name: LAVENDER OIL
CAS number: 90063-37-9
EC number: 289-995-2

#### Hazardous constituents:

Chemical Name	% (w/w)	CAS No. EC No.	Classification according to GHS	
LINALYL ACETATE ≥25; <50		115-95-7 204-116-4	Flammable Liquids - Category 4 - H227 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2B - H320 Skin sensitizer - Category 1 - H317 Hazardous to the aquatic environment, short-term (acute) - Category 3 - H402	
LINALOOL ≥25; <50  CIS-BETA-OCIMENE ≥1; <10		78-70-6 201-134-4	Flammable Liquids - Category 4 - H227 Acute Toxicity - Category 5 (oral) - H303 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2A - H319 Skin sensitizer - Category 1B - H317 Hazardous to the aquatic environment, short-term (acute) - Category 3 - H402	
		3338-55-4 222-081-3	Flammable Liquids - Category 3 - H226 Acute Toxicity - Category 5 (oral) - H303 Skin Irritant - Category 2 - H315 Aspiration hazard - Category 1 - H304 Hazardous to the aquatic environment, short-term (acute) - Category 1 - H400 Hazardous to the aquatic environment, long-term (chronic) - Category 2 - H411	
BETA-CARYOPHYLLENE	≥1; <10	87-44-5 201-746-1	Skin sensitizer - Category 1B - H317 Aspiration hazard - Category 1 - H304	
CAMPHOR	≥1;<10	464-49-3 207-355-2	Flammable Solids - Category 2 - H228 Acute Toxicity - Category 4 (oral) - H302 Acute Toxicity - Category 4 (inhalation) - H332 Skin Irritant - Category 2 - H315 Serious eye damage - Category 1 - H318 Specific target organ toxicity following single exposure - Category 2 - H371 Hazardous to the aquatic environment, short-term (acute) - Category 2 - H401 Hazardous to the aquatic environment, long-term (chronic) - Category 2 - H411	
TERPINEN-4-OL	≥1;<10	562-74-3 209-235-5	Flammable Liquids - Category 4 - H227 Acute Toxicity - Category 3 (inhalation) - H331 Acute Toxicity - Category 4 (oral) - H302 Acute Toxicity - Category 5 (dermal) - H313 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2B - H320 Skin sensitizer - Category 1 - H317 Specific target organ toxicity following single exposure - Category 3 (narcotic effects) - H336 Hazardous to the aquatic environment, short-term (acute) - Category 2 - H401	
EUCALYPTOL	≥0.1; <1	470-82-6 207-431-5	Flammable Liquids - Category 3 - H226 Acute Toxicity - Category 5 (oral) - H303 Eye Irritant - Category 2B - H320 Skin sensitizer - Category 1B - H317 Hazardous to the aquatic environment, short-term (acute) - Category 3 - H402	
LIMONENE	≥0.1;<1	138-86-3 205-341-0	Flammable Liquids - Category 3 - H226 Skin Irritant - Category 2 - H315 Skin sensitizer - Category 1B - H317 Aspiration hazard - Category 1 - H304 Hazardous to the aquatic environment, short-term (acute) - Category 1 - H400 Hazardous to the aquatic environment, long-term (chronic) - Category 3 - H412	
(=FDANI())   >() 1 / /		106-24-1 203-377-1	Acute Toxicity - Category 5 (oral) - H303 Skin Irritant - Category 2 - H315 Serious eye damage - Category 1 - H318 Skin sensitizer - Category 1 - H317 Hazardous to the aquatic environment, short-term (acute) - Category 3 - H402	
		***		



#### SAFETY DATA SHEET

#### Conforms to the requirements of the Global Harmonized System (GHS)

#### LAVENDER FRENCH ESSENTIAL OIL (HIGH ALTITUDE)

GERANYL ACETATE	 ≥0.1;<1	 105-87-3 203-341-5	Skin Irritant - Category 2 - H315 Skin sensitizer - Category 1B - H317 Hazardous to the aquatic environment, short-term (acute) - Category 2 - H401	
NERYL ACETATE	≥0.1;<1	141-12-8 205-459-2	Hazardous to the aquatic environment, long-term (chronic) - Category 3 - H412  Skin sensitizer - Category 1B - H317  Hazardous to the aquatic environment, short-term (acute) - Category 2 - H401	
NEROL	≥0.1; <1	106-25-2 203-378-7	Acute Toxicity - Category 5 (oral) - H303 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2A - H319 Skin sensitizer - Category 1B - H317 Hazardous to the aquatic environment, short-term (acute) - Category 2 - H401	
1-OCTEN-3-OL	≥0.1;<1	3391-86-4 222-226-0	Flammable Liquids - Category 4 - H227 Acute Toxicity - Category 4 (inhalation) - H332 Acute Toxicity - Category 5 (dermal) - H313 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2 B - H320 Skin sensitizer - Category 1B - H317 Hazardous to the aquatic environment, short-term (acute) - Category 2 - H401	

Seethe full text of the hazard statements in section 16.

#### 3.2. Mixtures

Not applicable.

#### **4. FIRST-AID MEASURES**

#### 4.1. Description of necessary first aid measures

Ingestion: Rinse mouth with water.
Obtain medical advice

Obtain medical advice.

Keep at rest. Do not induce vomiting.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.

Inhalation: Remove person to fresh air and keep at rest.

Seek immediate medical advice.

Skin contact: Take off immediately all contaminated clothing.

Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist.

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

No information available.

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

needed No information available.

#### **5. FIRE-FIGHTING MEASURES**

# 5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.

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

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

#### 5.3. Advice for firefighters

High temperatures can lead to high pressures inside closed containers. Avoid inhalation of vapors that are created. Use appropriate respiratory protection. Do not allow spillage of fire to be poured into drains or watercourses. Wear self-contained breathing apparatus and protective clothing.

#### **6. ACCIDENTAL RELEASE MEASURES**

# 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate surronding areas. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering. Do not breathe vapor/spray. Avoid contact with skin and eyes. Information regarding personal protective measures: see section 8.

#### 6.2. Environmental precautions

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwaters.



#### SAFETY DATA SHEET

#### Conforms to the requirements of the Global Harmonized System (GHS)

#### **LAVENDER FRENCH ESSENTIAL OIL (HIGH**

**ALTITUDE)** Revision date: 30-05-2023 Print Date: 01-06-2023 Version: 4.0/GHS/EN Page: 4 / 6

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

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete.

#### 6.4. Reference to other sections

Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.

#### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Do not store or handle this material near food or drinking water. Do not smoke. Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses. Observe the rules of safety and hygiene at work. Keep in the original container or an alternative made from a compatible material.

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

Store in tightly closed and preferably full containers in a cool, dry and ventilated area, protected from light. Keep away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges). Keep away from incompatible materials (see section 10).

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

No information available.

#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### 8.1. Control parameters

Components with occupational exposure limits: None known.

#### 8.2. Exposure controls

Measures should be taken to prevent materials from being splashed into the body.

Provide adequate ventilation, according to the conditions of use. Use a mechanical exhaust if required.

#### 8.3. Individual protection measures, such as personal protective equipment

Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse. Hand Protection: Chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks

involved.

 $Respiratory \ Protection: \qquad \qquad In \ case \ of insufficient ventilation, use \ suitable \ respiratory \ equipment.$ 

Environmental exposure controls: Emissions from ventilation or process equipment should be checked to ensure they comply with environmental

protection legislation.

In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to

Ā

acceptable levels.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid

Colour: Conforms to Odour: standard Conforms to Odour theshold: standard Not pH: blettedetiered ined Melting point/freezing point: Boling Not determined point/boiling range (°C): Flash Not determined point: 70 °C

Evaporation rate:

Flammability:

Lower flammability/Explosive limit:

Upper flammability/Explosive limit:

Vapour pressure:

Vapour Density:

Not determined

Density: 0,873-0,89 g/mL (20°C)
Relative density: 0,873-0,89 (20°C)
Water solubility: INSOLUBLE IN WATER
Solubility in other solvents: SOLUBLE IN ETHANOL



# SAFETY DATA SHEET Conforms to the requirements of the Global Harmonized System (GHS)

#### LAVENDER FRENCH ESSENTIAL OIL (HIGH ALTITUDE)

Partition coefficient n-octanol/water:

Auto-ignition temperature:

Decomposition temperature:

Viscosity, dynamic:

Viscosity, kinematic:

Explosive properties:

Not determined

#### 10. STABILITY AND REACTIVITY

#### 10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

#### 10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### 10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

#### 10.4. Conditions to Avoid

Conditions to Avoid: Excessive heat, flame or other ignition sources.

#### 10.5. Incompatible materials

Avoid contact with strong acids and bases and oxidizing agents.

#### 10.6. Hazardous decomposition products

During combustion may form carbon monoxide and unidentified organic compounds.

#### 11. TOXICOLOGICAL INFORMATION

Acute toxicity	Based on the data available, the criteria for classification are not met.			
Skin corrosion/irritation	Based on the data available, the criteria for classification are not met.			
Serious eye damage/irritation	Causes serious eye irritation.			
Respiratory or skin sensitisation	May cause an allergic skin reaction.			
Germ cell	Based on the data available, the criteria for classification are not			
mutagenicity	met. Based on the data available, the criteria for classification are			
Raprindgetiveityxicity	Bot erdetn the data available, the criteria for classification are not met.			
STOT-single exposure	Based on the data available, the criteria for classification are not met.			
STOT-repeated exposure	Based on the data available, the criteria for classification are not met.			
Aspiration hazard	May be fatal if swallowed and enters airways.			

#### 12. ECOLOGICAL INFORMATION

#### 12.1. Toxicity

#### Assessment:

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

## ${\bf Experimental/calculated\ data:}$

No information available.

### 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

No information available.

## 12.4. Soil mobility

No information available.

#### 12.5. Other adverse effects

See also sections 6, 7, 13 and 15

Do not allow to get into waste water or waterways.

#### 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of in accordance with national and local environmental regulations.





#### Conforms to the requirements of the Global Harmonized System (GHS)

#### **LAVENDER FRENCH ESSENTIAL OIL (HIGH ALTITUDE)**

Print Date: 01-06-2023 Revision date: 30-05-2023 Version: 4.0/GHS/EN Page: 6 / 6

#### 14. TRANSPORT INFORMATION

	ADR/RID/ADN	IMDG	IATA-ICAO
14.1. UN Number	Not classified as hazardous goods	Not classified as hazardous goods	Not classified as hazardous goods
14.2. UN Proper Shipping Name	Not applicable	Not applicable	Not applicable
14.3. Transport Hazard Class(es)	Not applicable	Not applicable	Not applicable
14.4. Packing Group	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	No	No	No
Additional information			

#### 14.6 Special precautions for user

None known

#### 14.7. Maritime transport in bulk according to IMO instruments

No information available

#### 15. REGULATORY INFORMATION

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

No information available

#### 16. OTHER INFORMATION

#### Full text of the R-phrases, hazard statements and precautionary statements mentioned in section

3: H226 - Flammable liquid and vapour.

H227 - Combustible liquid.

H228 - Flammable solid.

H301 - Toxic if swallowed. H302 - Harmful if swallowed.

H303 - May be harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H313 - May ne harmful in contact with skin. H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H319 - Causes serious eye irritation.

H320 - Causes eye irritation.

H331 - Toxic if inhaled.

H332 - Harmful if inhaled.

H336 - May cause drowsiness or dizziness.

H371 - May cause damage to organs.

H400 - Very toxic to aquatic life.

H401 - Toxic to aquatic life.

H402 - Harmful to aquatic life.

H411 - Toxic to aquatic life with long lasting effects.

H412 - Harmful to aquatic life with long lasting effects.

The information included in this safety data sheet is based on the available data at the moment this document is issued. It is meant to be a description of safety requirements for our product and does not stand for a guarantee of its properties. The user is responsible for taking all necessary steps leading to compliance with local rules and legislation.



# **SPECIFICATION SHEET**

**VERSION** 1,00 **VERSION DATE** 05/03/13 **PRINT DATE** 28/02/20

PRODUCT LAVENDER FRENCH HIGH ALTITUDE

**APPLICATIONS** Flavours and/or fragrances.

IUPAC NAME LAVENDER OIL

PLANT OF ORIGIN Lavandula angustifolia

PART OF THE PLANT FLOWERS

**SYNONYMS** 

CAS 90063-37-9
CAS 2 8000-28-0
EINECS 289-995-2

**FEMA** 2622

**TARIFF NUMBER** 3301294100

**REACH REGISTRATION NO.** 01-2120746582-51

#### **SPECIFICATIONS**

ASPECT AT 20° C CLEAR MOBILE LIQUID

**COLOUR** PALE YELLOW

**ODOUR** FRESH, SWEET, FLORAL, HERBACEOUS

**TASTE** 

**DENSITY A 20° C (g / ml)** 0,873 - 0,890

DENSITY 25/25

**REFRACTIVE INDEX nD20** 1,4570 - 1,4670

REFRACTIVE INDEX nD25

**OPTICAL ROTATION (°)** -20,00 / 10,00

 BOILING POINT (°C)

 MELTING POINT (°C)

 FLASH POINT (°C)
 70,00

 ASSAY (% GC)

 ACID VALUE (mg KOH/g)

SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** 

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.



# **Vegan and Vegetarian Declaration**

This is to certify that, to the best of our knowledge, no animal products or by products are used as raw materials and or processing aid in the manufacturing of the below-mentioned material.

LAVENDER FRENCH HIGH ALTITUDE