## CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION	:	LAVENDER NATURAL
APPEARANCE	:	COLOURLESS-P.YELLOW LIQUID
BATCH NUMBER BEST	:	4405603
BEFORE END	:	AUGUST 2023

ANALYSIS	RESULTS	SPECIFICATION
Refractive Index 20degC	1.461	>= 1.455
Optical Rotation	-5.1	>= -10.0
Density (g/ml,20c)	0.892	>= 0.888

## Allergen Analysis

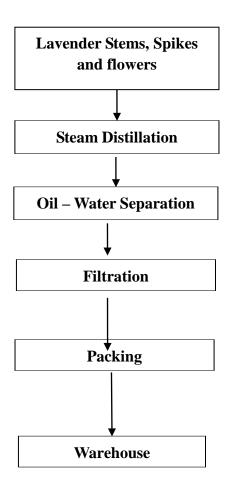
Compound Name : LAVENDER

Code Number : OELAVE

ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in		
ingreatent	CAS NO.	Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	А	А
Amyl Cinnamal	122-40-7	A	А	А
Amylcinnamyl Alcohol	101-85-9	A	А	A
Anise Alcohol	105-13-5	A	А	А
Benzyl Alcohol	100-51-6	A	А	А
Benzyl Benzoate	120-51-4	A	А	А
Benzyl Cinnamate	103-41-3	A	А	А
Benzyl Salicylate	118-58-1	A	А	А
Butylphenyl Methylpropional (Lilial)	80-54-6	A	А	А
Cinnamal	104-55-2	A	А	А
Cinnamyl Alcohol	104-54-1	А	А	А
Citral	5392-40-5	A	0.04	0.04
Citronellol	106-22-9	A	А	А
Coumarin	91-64-5	A	0.13	0.13
Eugenol	97-53-0	A	0.00	0.00
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	А	А
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	А	А
Famesol	4602-84-0	A	А	А
Geraniol	106-24-1	A	0.66	0.66
Hexyl Cinnamal	101-86-0	А	А	А
Hydoxycitronellal	107-75-5	A	А	A
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral)	31906-04-4	A	А	А
Isoeugenol	97-54-1	A	А	А
Limonene	5989-27-5	Α	0.74	0.74
Linalool	78-70-6	Α	35.75	35.75
Methyl 2-Octynoate	111-12-6	A	А	А

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. We will not therefore accept liability for misuse of this data resulting in damage or loss.

## Flow Diagram Lavender Oil



### **GMO** Declaration

According to 1829/2003/EC

Product Name : LAVENDER

Code Number : OELAVE

We have carefully reviewed the ingredients in this product for their potential genetically modified (GM) origin. The list includes ingredients which may be produced from other GM ingredients

<b>F</b>		
Material	Present	Of GMO Origin
Chicory	No	-
Cotton	No	-
Maize	No	-
Potato	No	-
Rape	No	-
Soya	No	-
Sugar Beet	No	-
Tomato	No	-
Wheat	No	-

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### IFRA Conformity Certificate

Compound Name : LAVENDER

Code Number : OELAVE

We certify that the above compound is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA-48th amendment), provided it is used at a maximum concentration level of:

IFRA category (*)	Maximum level of use (%)(w/w) (**)
1 (***)	45.45 (***)
2	60.61
3A	100.00
3B	100.00
3C	100.00
3D	100.00
4A	100.00
4B	100.00
4C	100.00
4D	100.00
5	100.00
6 (***)	100.00 (***)
7A	100.00
7B	100.00
8A	100.00
8B	100.00
9A	100.00
9B	100.00
9C	100.00
10A	100.00
10B	100.00
11	100.00

(\*) See annex for definition of IFRA categories

(\*\*) Usage limit N/A = Not Applicable; no IFRA restrictions

(\*\*\*) 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

For other kinds of application or use at higher concentrations, a new safety evaluation may be needed; please contact MADAR Corporation Ltd.

The IFRA Standards regarding 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.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

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

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. It is your responsibility to ensure that the usage of the fragrance ingredients and the levels of such usage are permitted at all times according to the relevant laws and regulations

Finished Product Types	I FRA category
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's Toys	1
Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.) Nose Pore Strips Fragranced Bracelets	2
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - EdT	ЗА
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - Fine Fragrance	3B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care Men's Facial Creams and Balms Baby Creams, Lotions, Oils Body Paint for Children	3С
Tampons	3D
EdT - Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum Ingredients of Perfume Kits Scent Pads, Foil packs Scent Strips for hydroalcoholic products	4A
Fine Fragrance - Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne,eau de cologne, Eau de Parfum or Parfum	4B
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.) Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils) Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae Fragrance Compounds for Cosmetic Kits Foot Care Products Hair deodorant Body Paint (except those for children)	4C
Fragrancing Cream, Solid Perfumes	4D
Facial Masks Women's Facial Creams/Facial Make-up, Hand Cream, Hand sanitizers, Baby Powder and Talc, Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes, Wipes or Refreshing Tissues for Face, Neck, Hands, Body, Dry Shampoo or Waterless Shampoo	5(*) 5
Mouthwash, including Breath Sprays, Toothpaste	6
Intimate Wipes, Baby Wipes	7A
Insect Repellent (intended to be applied to the skin)	7B
Make-up Removers of all types (not including face cleansers), Hair Styling Aids Non-Spray of all types (mousse, gels, leave-conditioners, etc.), Nail Care, Powders and talcs, all types (except baby powders and talcs)	8A
Hair Dyes	8B
Conditioner (Rinse-Off), Liquid Soap, Shampoos of all types (including baby shampoos), Face Cleansers of all types (washes, gels, scrubs, etc.), Shaving Creams of all types (stick, gels, foams, etc.), All Depilatories (including waxes for mechanical hair removal), Body Washes of all types (including baby washes) and Shower Gels of all types, Bar Soap (Toilet Soap), Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater	9A
Feminine hygiene - pads, liners, Toilet paper, Wheat bags	9B
Facial tissues, Napkins, Paper towels, Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays)	9C

Finished Product Types	I FRA category
Handwash Laundry Detergents of all types including concentrates, Fabric Softeners of all types including fabric softener sheets, Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.), Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates, Hand Dishwashing Detergent including concentrates, Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.), Shampoos for pets, Dry cleaning kits, Scented gloves, socks, tights with moisturizers	10A
Diapers, Toilet seat wipes	10B
All non-skin contact or incidental skin contact including:	11
Candles, Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical), Air Delivery Systems, Cell phone cases, Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Shoe Polishes, Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders), Insecticides (mosquito coll, paper, electrical, for clothing etc.) excluding aerosols, Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization), Air Freshenig crystals, Toilet Blocks, Joss Sticks or Incense Sticks, Machine Dishwash Detergent and Deodorizers, Machine-only Laundry Detergent (e.g. liquitabs)**, Plastic articles (excluding toys), Fuels, Fragranced lamp ring, Scratch and Sniff (sampling technology), Paints, Cat Litter, Animal Sprays (all types), Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics), Floor Wax, Odored Distilled Water (that can be added to steam irons)	

\* Class 5, Facial masks: There are several types of masks: peel off (similar to rinse-off, rinse-off and leave-on (you only remove the excess with a facial tissue). To ease the split the most restrictive, i.e. leave-on is applied for all.

\*\* Liquitabs corresponds to a dose of liquids wrapped in a film: no contact with hands is expected under normal conditions of use

The table was prepared with the intention to cover the vast majority of the products; however it may not cover some specific applications. In this case other classes may be attributed based on a specific risk assessment.

SAFETY DATA S CLP: According to 2015/830/		Printed on 23 February 2018
<i>Code Number Version 2 Revised 23/</i> 0	OELAVE 02/2018 11:36:07	
Section 1. Identification	n of the substance/	mixture and of the company/undertaking
1.1 Product I dentifier		
Product Name	LAVENDER NATURA	L
Code Number	OELAVE	
Alternative Name		
REACH Reg No	Not registered	
1.2 Relevant identified	d uses of the substa	nce or mixture and uses advised against
Concentrated materia	for manufacturing pu	irposes only
1.3 Details of the supp	olier of the safety da	ata sheet
	MADAR Corporation	
	19-20 Sandleheath Fordingbridge	Industrial Estate
	SP6 1PA	
Telephone Number Email Address	+44 (0)1425 65555	
Approved Sellers	sales@madarcorpor Cosmetic Butters, M of Moulds	lystic Moments, New Directions, World
1.4 Emergency Tel No		
Section 2. HAZARD I DE		
2.1 Classification of th		ture
SCI 2	Skin corrosion/irrita	
SS 1	Skin sensitisation, c	0 3
EDI 2	Eye damage/irritatio	
EH C3	Aquatic hazard, chro	

SAFETY DATA CLP: According to 2015/8		Printed on 23 February 2018
<i>Code Number Version 2 Revised 2</i>	OELAVE 03/02/2018 11:36:07	
CLP Label elements CLP classification a Hazard Pictogram	ccording to Regulation (EC	) No 1272/2008
Signal Word	Warning	
Hazard Statemen	ts	
H315	Causes skin irritation	
H317	May cause an allergic	skin reaction
H319	Causes serious eye irr	itation
H412	Harmful to aquatic life	e with long lasting effects
Precautionary Sta	atements	
P273	Avoid release to the e	nvironment.
P280	Wear protective glove	s and eye protection
P302+P352	IF ON SKIN: Wash wit	h plenty of water.
P305	IF IN EYES:	
P351	Rinse cautiously with	water for several minutes.
an allergic reaction	umarin, Eugenol, Geraniol, ion available at this time	Limonene and Linalool which may produce
Section 3. Composit	ion / information on ing I here for hazardous components are for	
3.2 Mixtures ESSENTIAL OIL		

#### Printed on 23 February 2018

CLP: According to 2015/830/EU

#### Code Number OELAVE

Version 2 Revised 23/02/2018 11:36:07

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 115-95-7 EINECS 204-116-4 REACH	Linalyl acetate SCI 2;EDI 2 H315,H319	>=25%
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool SCI 2:SS 1B:EDI 2 H315,H317,H319	>=25%
CAS 76-22-2 EINECS 200-945-0 REACH	Camphor (1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one) FS 2;ATO 4(1500);ATI 4(1.5);STO-SE 2(oral,CNS,kidney) H228,H302,H332,H371	>=5%,<10%
CAS 470-82-6 EINECS 207-431-5 REACH	1,8-Cineole (Eucalyptol) SS 1B H317	>=5%,<10%
CAS 562-74-3 EINECS 209-235-5 REACH	Terpinene-4-ol (4-Terpineol) (4-Carvomenthenol) ATO 4(1300); SCI 2; EDI 2 H302, H315, H319	>=3%,<5%
CAS 87-44-5 EINECS 201-746-1 REACH	Caryophyllene AH 1 H304	>=1%,<3%
CAS 18794-84-8 EINECS 242-582-0 REACH	beta-Farnesene AH 1 H304	>=1%,<3%
CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol SCI 2; SS 1; EDI 1 H315, H317, H318	>=0.1%,<1%
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) AH 1; SCI 2; SS 1B; EH A1, C1 H304, H315, H317, H400, H410	>=0.1%,<1%

Refer to section 16 for the wording of listed classification and hazard statement codes

#### Section 4. First Aid measures

Take phrases in sections 2 into account

4.1 Description of first aid measures

#### After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

#### After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

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After eye contact Flush with plenty of water and seek medical advice if necessary.

After ingestion Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed No further information available at this time

Section 5. Fire-fighting measures

- 5.1 Extinguishing Media Carbon dioxide, foam or dry powder DO NOT USE A DIRECT WATER JET.
- 5.2 Special hazards arising from the substance or mixture May produce Carbon dioxide and unidentified organic compounds.
- 5.3 Advice for fire-fighters Wear protective clothing and avoid inhalation of vapours.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Remove all sources of ignition.

Avoid inhalation, skin and eye contact. Ensure proper ventilation.

6.2 Environmental precautions

Do not discharge directly into drains or the 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 absorbant material such as earth or vemiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections Refer to information in Sections 7, 8 and 13

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Code Number OELAVE Version 2 Revised 23/02/2018 11:36:07

Section 7. Handling and storage

- 7.1 Precautions for safe handling Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.
- 7.2 Conditions for safe storage, including any incompatibilities Store in tightly sealed original containers away from ignition sources and in a cool place.
- 7.3 Specific end use(s) No further information available

Section 8. Exposure controls / personal protection

- 8.1 Control Parameters No information available
- 8.2 Exposure controls Engineering controls No information available
  - Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

Thermal hazards

No information available

Environmental exposure controls

No information available

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SAFETY DATA SHEET CLP: According to 2015/830/EU	Printed on 23 February 2018
Code Number OELAVE Version 2 Revised 23/02/2018 11:3	36:07
Section 9. Physical and chemical p	roperties
9.1 Information on basic physical FLASH POINT (°C)	and chemical properties 74
Colour	COLOURLESS-P.YELLOW
Aroma	FRESH CAMPHORACEOUS ODOUR
Solubility	INSOLUBLE
9.2 Other information No further information available	
Section 10. Stability and reactivity	
10.1 Reactivity Not determined	
10.2 Chemical Stability Not determined	
10.3 Possibility of hazardous reac Not determined	tions
10.4 Conditions to avoid Extreme temperatures	
<ul> <li>10.5 I ncompatible materials</li> <li>Highly reactive chemicals which ma additional hazards.</li> <li>10.6 Hazardous decomposition pro- Not determined</li> </ul>	y produce unknown reaction products and so cause
Section 11. Toxicological informati	on
11.1 Information on toxicological Acute toxicity	
Skin corrosion / irritation No data available	
Serious eye damage / irritation No data available	

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Respiratory or skin sensitisation No data available
Germ cell mutagenicity No data available
Carcinogenicity No data available
Reproductive toxicity No data available
STO-single exposure No data available
STO-repeated exposure No data available
Aspiration hazard No data available
Information on likely routes of exposure No data available
Symptoms related to the physical, chemical and toxicological characteristics No data available
Delayed and immediate effects as well as chronic effects from short and long-term exposure No data available
Interactive effects No data available
Other information No data available
Section 12. Ecological information 12.1 Toxicity

12.2 Persistence and degradability No data available

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12.3 Bioaccumulative potential No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment No data available

12.6 Other adverse effects

No data available

#### Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

#### 13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

#### Section 14. Transport information

14.1 UN number Not Regulated

- 14.2 UN proper shipping name
- 14.3 Transport hazard class(es)
- 14.4 Packing group

Tunnel Code

- 14.5 Environmental Hazards
  - No relevant information available
- 14.6 Special precautions for user No relevant information available
- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

#### Section 15. Regulatory information

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

No relevant information available at this time

- 15.2 Chemical safety assessment
  - A chemical safety assessment has not been carried out

Printed on 23 February 2018

CLP: According to 2015/830/EU

Code Number OELAVE Version 2 Revised 23/02/2018 11:36:07

Section 16. Other information						
	Full list of precautionary phrases					
	P273	Avoid release to the environment.				
	P280	Wear protective gloves and eye protection				
	P302+P352	IF ON SKIN: Wash with plenty of water.				
	P305	IF IN EYES:				
	P351	Rinse cautiously with water for several minutes.				
	Wording of any hazard classes listed in section 3					
	FS 2	Flammable solid, category 2				
	ATO 4	Acute toxicity, oral, category 4				
	AH 1	Aspiration hazard, category 1				
	SCI 2	Skin corrosion/irritation, category 2				
	SS 1	Skin sensitisation, category 1				
	SS 1B	Skin sensitisation, category 1B				
	EDI 1	Eye damage/irritation, category 1				
	EDI 2	Eye damage/irritation, category 2				
	ATI 4	Acute toxicity, inhalation, category 4				
	STO-SE 2	Specific target organ, single exposure, category 2				
	EH A1	Aquatic hazard, acute, category 1				
	EH C1	Aquatic hazard, chronic, category 1				
	Wording of any haza	rd statements listed in section 3				
	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 % %				
	H400	Very toxic to aquatic life				
	H410	Very toxic to aquatic life with long lasting effects				

## SPECIFICATION

Product Name	:	Lavender
Reference	:	OELAVE
Flash Point deg C	:	74
Aroma / Taste	:	FRESH CAMPHORACEOUS ODOUR
Appearance / Physical State	:	COLOURLESS-P.YELLOW LIQUID
Composition	:	ESSENTIAL OIL

Refractive Index 20degC	>= 1.455 <= 1.465
Optical Rotation	>= -10.0 <= 0.0
Density (g/ml,20c)	>= 0.888 <= 0.898

Version Number : 2

Version Date : 09 May 2017

## Vegetarian Declaration

Product Name : LAVENDER

: OELAVE

Code Number

VeganYNo ingredients of animal origin or animal<br/>derivatives, including additives and processing aidsVegetarianYNo ingredients of animal origin, including additives<br/>and processing aids. No egg or dairy; bee products<br/>are allowedOvo-lacto<br/>VegetarianYMay include egg, dairy and bee products. No other<br/>ingredients of animal origin or animal derivatives,<br/>including additives and processing aids are allowed

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