CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION	:	LAVENDER NATURAL
APPEARANCE	:	COLOURLESS TO PALE YELLOW CLEAR LIQUID
BATCH NUMBER BEST	:	4537809
BEFORE END	:	03/2027

ANALYSIS	RESULTS	SPECIFICATION	
Refractive Index 20degC	1.461	>= 1.455 <= 1.465	
Optical Rotation	-4.9	>= -10.0 <= 0.0	
Density (g/ml,20c)	0.892	>= 0.888 <= 0.898	

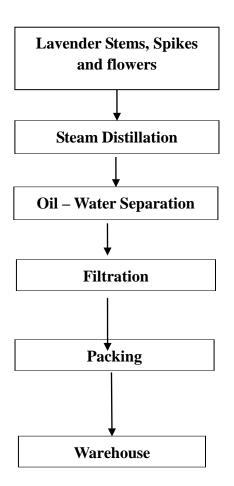
Allergen Analysis

Compound Name : LAVENDER NATURAL

ingredient		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	A
Amyl Cinnamal	122-40-7	A	А	А
Amylcinnamyl Alcohol	101-85-9	A	A	А
Anise Alcohol	105-13-5	A	A	А
Benzyl Alcohol	100-51-6	A	A	A
Benzyl Benzoate	120-51-4	A	А	A
Benzyl Cinnamate	103-41-3	A	A	Δ
Benzyl Salicylate	118-58-1	A	А	Δ
Butylphenyl Methylpropional (Lilial)	80-54-6	A	A	A
Cinnamal	104-55-2	A	A	A
Cinnamyl Alcohol	104-54-1	A	А	A
Citral	5392-40-5	A	0.00	0.00
Citronellol	106-22-9	A	A	A
Coumarin	91-64-5	A	0.09	0.09
Eugenol	97-53-0	A	A	A
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	A	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	A	A
Farnesol	4602-84-0	A	A	A
Geraniol	106-24-1	A	0.58	0.58
Hexyl Cinnamal	101-86-0	A	А	P
Hydroxycitronellal	107-75-5	A	А	Þ
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral)	31906-04-4	A	А	A
Isoeugenol	97-54-1	A	А	ŀ
Limonene	5989-27-5	A	0.67	0.67
	7705-14-8			
Linalool	78-70-6	A	34.60	34.6
Methyl 2-Octynoate	111-12-6	A	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

F		
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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Product Name Lavender Natural

We certify that the above product is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 50th Amendment

to the IFRA Code of Practice (published June,2021), provided it is used in the following class(es) at a maximum concentration level of:

IFRA Class	Maximum level of use (%)
Category 1	77.0
Category 2	22.9
Category 3	89.0
Category 4	100
Category 5A	100
Category 5B	100
Category 5C	100
Category 5D	35.0
Category 6	2.40
Category 7A	100
Category 7B	100
Category 8	35.0
Category 9	100
Category 10A	100
Category 10B	100
Category 11A	35.0
Category 11B	35.0
Category 12	100

<u>Components</u> Coumarin

1-octen-3-yl acetate	0.35%
Geraniol	0.6 %

0.1 %

The IFRA Standards regarding use restrictions are based on safety assessments by the panel of experts of the RIFM and are enforced by the IFRA Scientific Committee.

This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. It is the ultimate responsibility of our customer to ensure the safety of the final product with other tests if necessary.

ANNEX : Definition of IFRA Classes 50th Amendment

IFRA class	Product application
Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)
	Children's toys
Category 2	Deodorant and antiperspirant products of all types including any product with intended or reasonably
0,	foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deocologne, etc.)
	Body sprays (including body mist)
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.)
	including eye care and moisturizer.
	Facial make up and foundation
	Make-up remover for face and eyes
	Nose pore strips
	Wipes or refreshing tissues for face, neck, hands, body
	Body and face paint (for children and adults)
	Facial masks for face and around the eyes
Category 4	Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne,
outogory i	solid perfume, fragrancing cream, aftershaves of all types, etc.)
	Fragranced bracelets
	Ingredients of perfume kits and fragrance mixtures for cosmetic kits
	Scent pads, foil packs
	Scent strips for hydroalcoholic products
Category 5A	Body creams, oils, lotions of all types
outogory of t	Foot care products (creams and powders)
	Insect repellent (intended to be applied to the skin)
	All powders and talc (excluding baby powders and talc)
Category 5B	Facial toner
outogory ob	Facial moisturizers and creams
Category 5C	Hand cream
outogory oo	Nail care products including cuticle creams, etc.
	Hand sanitizers
Category 5D	Baby cream/lotion, baby oil, baby powders and talc
Category 6	Toothpaste
outegory o	Mouthwash, including breath sprays
	Toothpowder, strips, mouthwash tablets
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.)
outogory / D	Hair styling aids non sprays (mousse, gels, leave- on conditioners)
	Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes
	Shampoo - Dry (waterless shampoo)
	Hair deodorizer
Category 8	Intimate wipes
outogory o	Tampons
	Baby wipes
	Toilet paper (wet)
Category 9	Bar soap
outogory o	Shampoo of all type
	Cleanser for face (rinse-off)
	Conditioner (rinse-off)
	Liquid soap
	Body washes and shower gels of all types
	Baby wash, bath, shampoo
	Bath gels, foams, mousses, salts, oils and other products added to bathwater
	Foot care products (feet are placed in a bath for soaking)
	Shaving creams of all types (stick, gels, foams, etc.)
	All depilatories (including facial) and waxes for mechanical hair removal

Shampoos for pets

IFRA class Product application Category 10A Hand wash laundry detergent (including concentrates) Laundry pre-treatment of all types (e.g.paste, sprays, sticks) Hand dishwashing detergent (including concentrates) Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.) Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates Drv cleaning kits Toilet seat wipes Fabric softeners of all types including fabric softener sheets Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes spravs and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics) Floor wax Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water) Category 10B Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, including aerosol and pump Aerosol/spray insecticides Feminine hygiene conventional pads, liners, interlabial pads Category 11A Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry) Tights with moisturizers Category 11B Scented socks, gloves Facial tissues (dry tissues) Napkins Paper towels Wheat bags Facial masks (paper/protective) e.g.surgical masks not used as medicaldevice Fertilizers, solid (pellet or powder) Candles of all types (including encased) Category 12 Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods) Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals) Air delivery systems Cat litter Cell phone cases Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) Fuels Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays Joss sticks or incense sticks Dishwash detergent and deodorizers - for machine wash Olfactive board games Paints Plastic articles (excluding toys) Scratch and sniff Scent pack Scent delivery system (using dry air technology)

Shoe polishes Rim blocks (Toilet)

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Section 1. Identification	on of the substance/mixture	e and of the company/undertaking
1.1 Product I dentifier		
Product Name	LAVENDER NATURAL	
Alternative Name		
REACH Reg No	Not registered	
1.2 Relevant identifie	d uses of the substance or r	mixture and uses advised against
Concentrated materia	I for manufacturing purposes c	only
1.3 Details of the sup	plier of the safety data shee	et
	Madar Corporation Limited 19 - 20 Sandleheath Industr Fordingbridge SP6 1PA	ial Estate
Telephone Number	+44 (0)1425 655 555	
Email Address	technical@madarcorporation	1.co.uk
1.4 Emergency Tel No	+44 (0)1425 655 555	
Section 2. Hazard I der	ntification	
2.1 Classification of the	he substance or mixture	
SCI 2	Skin corrosion/irritation, cate	egory 2
SS 1B	Skin sensitisation, category	
EDI 2	Eye damage/irritation, categ	-
EH C3	Aquatic hazard, chronic, cate	egory 3
2.2 CLP Label elemen	ts	

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	cording to Regulation (EC) N	lo 1272/2008
Hazard Pictograms		
	\mathbf{v}	
Signal Word	Warning	
Hazard Statements	-	
H315	Causes skin irritation	
H317		in reaction
_	May cause an allergic sk	
H319	Causes serious eye irrita	
H412	Harmful to aquatic life w	Ath long lasting effects
Precautionary Stat	ements	
P280	Wear protective gloves	and eye protection
P301+P310	IF SWALLOWED: Immed	liately call a POISON CENTRE.
P302+P352	IF ON SKIN: Wash with	plenty of water.
P305+P351+P338		ously with water for several minutes. if present and easy to do. Continue
P331	Do NOT induce vomiting	
P333+P313	If skin irritation or rash	occurs: Get medical advice.
2.3 Other Hazards		
	narin, Geraniol, Limonene a	and Linalool which may produce an allergic
No further information	on available at this time	
	n / information on ingre ere for hazardous components are for ill	
3.2 Mixtures		
ESSENTIAL OIL		

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Hazardous components			
ID Numbers	Chemical Name, Classification and Hazards	Conc (%)	
CAS 115-95-7	Linalyl acetate	250/	
EINECS 204-116-4 REACH	SCI 2;EDI 2 H315,H319	>=25%	
CAS 78-70-6 EINECS 201-134-4	Linalool	>=25%	
REACH	SCI 2; SS 1B; EDI 2 H315, H317, H319	/-2370	
CAS 76-22-2 EINECS 200-945-0	Camphor (1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one)	>=5%,<10%	
REACH	FS 2;ATO 4(1500);ATI 4(1.5);STO-SE 2(oral,CNS,kidney) H228,H302,H332,H371	>=576,<1076	
CAS 470-82-6 EINECS 207-431-5	1,8-Cineole (Eucalyptol)	>=5%,<10%	
EINECS 207-431-5 REACH	SS 1B H317	>=576,<1076	
CAS 562-74-3 EINECS 209-235-5	Terpinene-4-ol (4-Terpineol) (4-Carvomenthenol)	>=3%,<5%	
REACH	ATO 4(1300); SCI 2; EDI 2 H302, H315, H319	>=370,<370	
CAS 87-44-5 EINECS 201-746-1	Caryophyllene	>=1%,<3%	
REACH	AH 1 H304	>=170,5370	
CAS 18794-84-8 EINECS 242-582-0	beta-Farnesene	>=1%,<3%	
REACH	AH 1 H304	/ /////////////////////////////////////	
CAS 5989-27-5 EINECS 227-813-5	d-Limonene (p-Mentha-1,8-diene)	>=0.1%,<1%	
REACH	AH 1; SCI 2; SS 1B; EH A1, C1 H304, H315, H317, H400, H410	>=0.170,<170	
CAS 106-24-1 EINECS 203-377-1	Geraniol	>=0.1%,<1%	
REACH	SCI 2;SS 1;EDI 1 H315,H317,H318	>=U.170,<170	

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

Section 4. First Aid measures

Take phrases in section 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 im	mediately.
4.2 Most important symptoms and effects, both acute and on No further information available at this time	delayed
4.3 Indication of immediate medical attention and special t No further information available at this time	reatment needed
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 compound 	ds.
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 emerg Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation.	ency procedures
6.2 Environmental precautions	
Do not discharge directly into drains or the soil. Keep away fro water	m surface and ground
6.3 Methods and material for containment and cleaning up Soak up spillage with sand or other inert absorbant material su vemiculite; transfer used material to a suitable waste container accordance with regulations.	
6.4 Reference to other sections	
Refer to information in Sections 7, 8 and 13	

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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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Section 9. Physical and chemical p	properties	
9.1 Information on basic physica 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 read Not determined	ctions	
10.4 Conditions to avoid Extreme temperatures		
10.5 I ncompatible materials Highly reactive chemicals which m additional hazards.	ay produce unknown reaction products	and so cause
10.6 Hazardous decomposition pr Not determined	roducts	
Section 11. Toxicological informat	ion	
11.1 Information on toxicologica	effects	
Acute toxicity		
Skin corrosion / irritation No data available		
Serious eye damage / irritatior 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 an No data available	d toxicological characteristics			
Delayed and immediate effects as well as chro long-term exposure No data available	nic effects from short and			
Interactive effects No data available				
Other information No data available				
Section 12. Ecological information 12.1 Toxicity No data available. Avoid soil, surface water and wa	ter-bearing stratum contamination.			
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 ar	nd personal protection)					
13.1 Waste treatment methods Dispose in accordance with the law and local regulations. Trea	t 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 Not applicable	3/78 and the IBC Code					
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						

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15.2 Chemical safety	2 Chemical safety assessment						
A chemical safety as	sessment has not been carried out						
Section 16. Other info	ormation						
Full list of precauti	onary phrases						
P262	Do not get in eyes, on skin, or on clothing.						
P273	Avoid release to the environment.						
P280	Wear protective gloves and eye protection						
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.						
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.						
P362+P364	Take off contaminated clothing and wash it before reuse.						
P391	Collect spillage.						
Wording of any ha	rd 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 ha	Wording of any hazard statements listed in section 3						
H228	Flammable solid						
H302	Harmful if swallowed						
H304	May be fatal if swallowed and enters airways						

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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 organs
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

PRODUCT SPECIFICATION

Product Name	:	Lavender Essential Oil
Flash Point deg C	:	74
Aroma / Taste	:	REFRESHING, SWEET, WOODY, FLORAL ODOUR
Appearance / Physical State	:	COLOURLESS TO PALE YELLOW
Composition	:	lavandula angustifolia
Refractive Index 20degC		>= 1.455 <= 1.467
Optical Rotation		>= -12.5 <= -5.0
Density (g/ml,20c)		>= 0.873 <= 0.905

Shelf Life : 36 Months

(if stored in full airtight containers, protected from heat and direct sunlight)

Version Number : 3 Version Date : 30 July 2019

Vegetarian Declaration

Product Name : LAVENDER

: OELAVE

Code Number

No ingredients of animal origin or animal Vegan Y derivatives, including additives and processing aids No ingredients of animal origin, including additives Vegetarian Υ and processing aids. No egg or dairy; bee products are allowed Does not include egg, dairy and bee products. No Ovo-lacto other ingredients of animal origin or animal Y Vegetarian derivatives, including additives and processing aids are allowed

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