CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION APPEARANCE BATCH NUMBER BEST BEFORE END LEMONGRASS COCHIN OIL PALE YELLOW - BROWN LIQUID 4446704 SEPTEMBER 2024

ANALYSIS	RESULTS	SPECIFICATION
Refractive Index 20degC	1.483	>= 1.482 <= 1.488
Density (g/ml,20c)	0.896	>= 0.891 <= 0.899
Citral (neral + geranial)	76.6	>= 70.0 <= 90.0

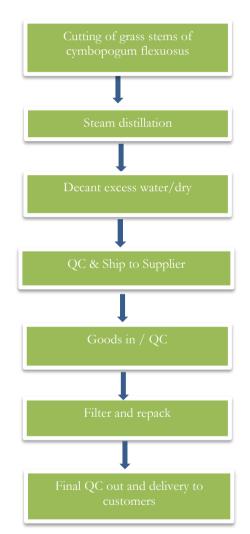
Allergen Analysis

Compound Name : COCHIN LEMONGRASS OIL

flavour ingradiant	CAS No.	Concentration present as a percentage (%) or 'A' for absent in flavour		
flavour ingredient		Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	А	/
Amyl Cinnamal	122-40-7	A	А	/
Amylcinnamyl Alcohol	101-85-9	A	А	
Anise Alcohol	105-13-5	A	А	
Benzyl Alcohol	100-51-6	A	А	
Benzyl Benzoate	120-51-4	A	А	
Benzyl Cinnamate	103-41-3	A	А	
Benzyl Salicylate	118-58-1	A	А	
Butylphenyl Methylpropional (Lilial)	80-54-6	A	А	
Cinnamal	104-55-2	A	А	
Cinnamyl Alcohol	104-54-1	A	А	
Citral	5392-40-5	A	75.00	75.0
Citronellol	106-22-9	A	0.60	0.6
Coumarin	91-64-5	A	А	
Eugenol	97-53-0	A	0.20	0.2
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	А	
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	А	
Farnesol	4602-84-0	A	А	
Geraniol	106-24-1	A	6.00	6.0
Hexyl Cinnamal	101-86-0	A	А	
Hydoxycitronellal	107-75-5	A	А	
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral)	31906-04-4	A	А	
Isoeugenol	97-54-1	A	А	
Limonene	5989-27-5	A	2.00	2.0
	7705-14-8			
Linalool	78-70-6	A	1.00	1.0
Methyl 2-Octynoate	111-12-6	A	А	

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GMO Declaration

According to 1829/2003/EC

Compound Name : COCHIN LEMONGRASS OIL

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

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 Lemongrass Oil Code OELEMOCOCH

We certify that the above product is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 49th Amendment to the IFRA Code of Practice (published January,2020), provided it is used in the following class(es) at a maximum concentration level of:

IFRA Classes	Maximum level of use	IFRA Classes	Maximum level of use
Category 1	0.15%	Category 7A	0.27%
Category 2	0.04%	Category 7B	0.27%
Category 3	0.14%	Category 8	0.07%
Category 4	0.82%	Category 9	1.64%
Category 5A	0.21%	Category 10A	1.64%
Category 5B	0.21%	Category 10B	1.64%
Category 5C	0.21%	Category 11A	5.75%
Category 5D	0.07%	Category 11B	0.07%
Category 6	0.48%	Category 12	100%

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 49th 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
	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,
	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
	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
	Facial moisturizers and creams
Category 5C	Hand cream
	Nail care products including cuticle creams, etc.
0 / FD	Hand sanitizers
Category 5D	Baby cream/lotion, baby oil, baby powders and talc
Category 6	Toothpaste
	Mouthwash, including breath sprays
O = 1 = = = = 7.0	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.)
	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
Category	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 Dry 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 sprays 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.
Category 10B	Ironing water (Odorized distilled water) Animal sprays – sprays applied to animals of all types
Calegory TOD	Ain freshener sprays, manual, including aerosol and pump
	Aerosol/spray insecticides
Category 11A	Feminine hygiene conventional pads, liners, interlabial pads
ealegely in t	Diapers (baby and adult)
	Adult incontinence pant, pad
	Toilet paper (dry)
Category 11B	Tights with moisturizers
	Scented socks, gloves
	Facial tissues (dry tissues)
	Napkins
	Paper towels
	Wheat bags
	Facial masks (paper/protective) e.g.surgical masks not used as medicaldevice
Catagon 12	Fertilizers, solid (pellet or powder)
Category 12	Candles of all types (including encased) 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)

SAFETY DATA S CLP: According to 2015/830/		Printed on	17 June 2021
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Section 1. Identification	on of the substance/mixture and o	f the compan	y/undertaking
1.1 Product I dentifier			
Product Name	COCHIN LEMONGRASS OIL		
Alternative Name			
REACH Reg No	01-2120119366-58-0017		
1.2 Relevant identified	d uses of the substance or mixture	e and uses ad	vised against
Concentrated materia	for manufacturing purposes only		
1.3 Details of the sup	plier of the safety data sheet		
	Madar Corporation Limited 19 - 20 Sandleheath Industrial Esta Fordingbridge SP6 1PA	te	
	+44 (0)1425 655 555		
Telephone Number	technical@madarcorporation.co.uk		
Email Address	+44 (0)1425 655 555		
1.4 Emergency Tel No			
Section 2. Hazard I der	tification		
2.1 Classification of th	ne substance or mixture		
SCI 2	Skin corrosion/irritation, category 2		
SS 1B	Skin sensitisation, category 1B		
EDI 1	Eye damage/irritation, category 1		
EH C2	Aquatic hazard, chronic, category 2		
L			

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CLP Label elements CLP classification acc Hazard Pictograms	ording to Regulation (EC) No	1272/2008	
Signal Word	Danger		
Hazard Statements			
H315	Causes skin irritation		
H317	May cause an allergic skin	reaction	
H318	Causes serious eye damag	je	
H411	Toxic to aquatic life with lo	ong lasting effects	
Precautionary State	ements		
P262	Do not get in eyes, on skir	n, or on clothing.	
P273	Avoid release to the enviro	onment.	
P280	Wear protective gloves an	d eye protection	
P301+P310	IF SWALLOWED: Immedia	tely call a POISON CENTRE.	
P305+P351+P338		sly with water for several minutes. present and easy to do. Continue	
P391	Collect spillage.		
2.3 Other Hazards			
Contains Citral, Citron an allergic reaction	nellol, Eugenol, Geraniol, Lim	onene and Linalool which may produce	Э
No further informatio	n available at this time		
	n / information on ingredi re for hazardous components are for illustr		

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3.1 Substances			
Description	COCHIN LEMONGRASS OIL		
EC/EINECS	295-161-9		
CAS Number	91844-92-7		
USCAS Number	8007-02-1		
Hazardous compo	onents		
ID Numbers	Chemical Name, Classification and Hazards		Conc (%)
CAS 5392-40-5	Citral		7/ 0000
EINECS 226-394-6 REACH	SCI 2;SS 1B;EDI 2 H315,H317,H319		76.0000
CAS 106-24-1	Geraniol		6.0000
EINECS 203-377-1 REACH	SCI 2:SS 1:EDI 1 H315,H317,H318		6.0000
CAS 105-87-3 EINECS 203-341-5	Geranyl acetate		3.0000
REACH	SCI 2;SS 1B;EH C3 H315,H317,H412		3.0000
CAS 5989-27-5 EINECS 227-813-5	d-Limonene (p-Mentha-1,8-diene)		2.0000
REACH	AH 1; SCI 2; SS 1B; EH A1, C1 H304, H315, H317, H400, H410		2.0000
CAS 110-93-0 EINECS 203-816-7 REACH	6-Methyl-5-hepten-2-one (MHO)		2.0000
CAS 87-44-5	Caryophyllene		1 4000
EINECS 201-746-1 REACH	AH 1 H304		1.4000
CAS 78-70-6 EINECS 201-134-4	Linalool		1.0000
EINECS 201-134-4 REACH	SCI 2;SS 1B;EDI 2 H315,H317,H319		

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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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	roperties
9.1 Information on basic physical FLASH POINT (°C)	and chemical properties >65
Colour	Pale yellow-brown
Aroma	Strong,fresh,grassy lemon type note
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	
 10.5 I ncompatible materials Highly reactive chemicals which ma additional hazards. 10.6 Hazardous decomposition pro- Not determined 	ay produce unknown reaction products and so cause oducts
Section 11. Toxicological informati	on
11.1 Information on toxicological Acute toxicity No data available	
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

No data available; avoid soil, surface water and water-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 as No data available	sessment
12.6 Other adverse effects No data available	
13.1 Waste treatment methods	ction 8 (Exposure controls and personal protection) w and local regulations. Treat as trade effluent.
Section 14. Transport information	า
14.1 UN number	3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S (LIMONENE)
14.3 Transport hazard class(es)	9
14.4 Packing group	111
Tunnel Code	(E)
14.5 Environmental Hazards Marine Pollutant - contains enviro	nmentally hazardous substances (Limonene)
14.6 Special precautions for use No relevant information available	r
14.7 Transport in bulk according Not applicable	to Annex II of MARPOL73/78 and the IBC Code
Section 15. Regulatory information	
0 9	nental regulations/legislation specific for the

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15.2 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.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P391	Collect spillage.
Wording of any ha	zard classes listed in section 3
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
EH A1	Aquatic hazard, acute, category 1
EH C1	Aquatic hazard, chronic, category 1
EH C3	Aquatic hazard, chronic, category 3
Wording of any ha	zard statements listed in section 3
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
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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Vegetarian Declaration

Compound Name : COCHIN LEMONGRASS OIL

Vegan	Y	No ingredients of animal origin or animal derivatives, including additives and processing aids
Vegetarian	Y	No ingredients of animal origin, including additives and processing aids. No egg or dairy; bee products are allowed
Ovo-lacto Vegetarian	Y	May include egg, dairy and bee products. No other ingredients of animal origin or animal derivatives, including additives and processing aids are allowed

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