## **CERTIFICATE OF ANALYSIS**

PRODUCT DESCRIPTION		
APPEARANCE		
BATCH NUMBER		
BEST BEFORE END		

LEMONGRASS COCHIN OIL PALE CLEAR YELLOW LIQUID 4506505 MAY 2026

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

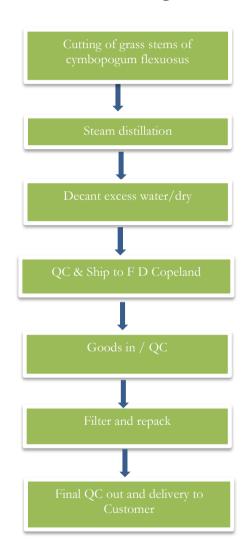
## **Allergen Analysis**

Compound Name : COCHIN LEMONGRASS OIL

flavour ingredient		Concentration present as a percentag (%) or 'A' for absent in flavour		
	CAS No.	Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	А	4
Amyl Cinnamal	122-40-7	A	А	A
Amylcinnamyl Alcohol	101-85-9	A	А	
Anise Alcohol	105-13-5	A	A	
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	A	
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	A	
Eugenol	97-53-0	A	0.20	0.2
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	A	
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	A	
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	

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.

## Production of Lemongrass Oil



## **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. Ironing water (Odorized distilled water)
Category 10B	Animal sprays – sprays applied to animals of all types
Category TOD	Air freshener sprays, manual, including aerosol and pump
	Aerosol/spray insecticides
Category 11A	Feminine hygiene conventional pads,liners, interlabial pads
0,	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
	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 SHEET

Printed on 17 June 2021

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10:13:21

## Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name COCHIN LEMONGRASS OIL

Alternative Name REACH Reg No 01-2120119366-58-0017

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

Concentrated material for manufacturing purposes only

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

Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA

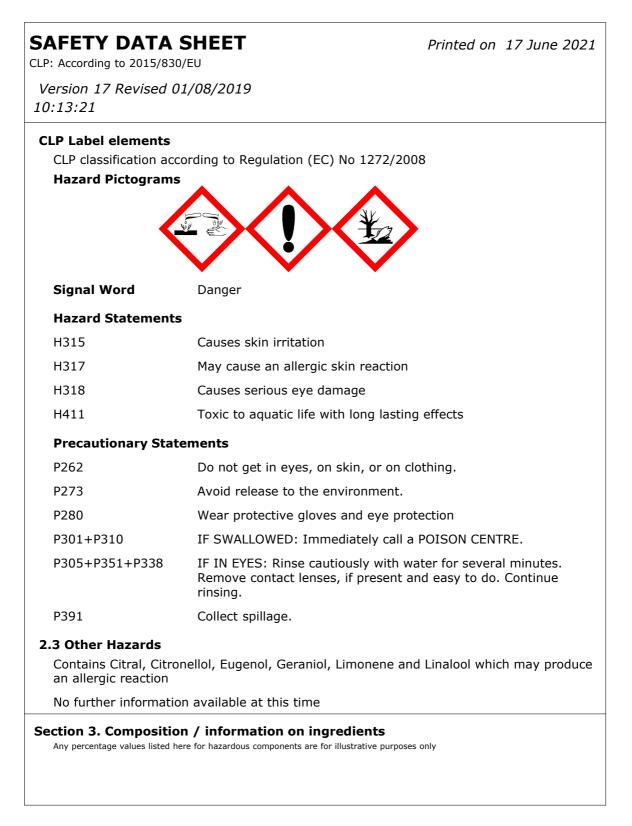
	+44 (0)1425 655 555
Telephone Number	technical@madarcorporation.co.uk
Email Address	+44 (0)1425 655 555

**1.4 Emergency Tel No** 

## Section 2. Hazard Identification

## 2.1 Classification of the 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



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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 components**

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 5392-40-5 EINECS 226-394-6 REACH	Citral SCI 2;SS 1B;EDI 2 H315,H317,H319	76.0000
CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol SCI 2;SS 1;EDI 1 H315,H317,H318	6.0000
CAS 105-87-3 EINECS 203-341-5 REACH	Geranyl acetate SCI 2;SS 1B;EH C3 H315,H317,H412	3.0000
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	2.0000
CAS 110-93-0 EINECS 203-816-7 REACH	6-Methyl-5-hepten-2-one (MHO)	2.0000
CAS 87-44-5 EINECS 201-746-1 REACH	Caryophyllene AH 1 H304	1.4000
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool SCI 2;SS 1B;EDI 2 H315,H317,H319	1.0000

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	properties
9.1 Information on basic physica	l and chemical properties
FLASH POINT (°C)	>65
Colour	Clear Yellow Liquid
Aroma	Strong,fresh,grassy lemon type note
Solubility	Insoluble
<b>9.2 Other information</b> No further information available	
Section 10. Stability and reactivity	y .
10.1 Reactivity Not determined	
10.2 Chemical Stability	
Not determined	
10.3 Possibility of hazardous read	ctions
Not determined	
10.4 Conditions to avoid	
Extreme temperatures	
<b>10.5 Incompatible materials</b>	
Highly reactive chemicals which m additional hazards.	ay produce unknown reaction products and so cause
10.6 Hazardous decomposition p	roducts
Not determined	
Section 11. Toxicological informat	tion
11.1 Information on toxicologica	l effects
Acute toxicity	
No data available	
Skin corrosion / irritation No data available	
Serious eye damage / irritatior No data available	1

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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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<b>12.3 Bioaccumulative potential</b> No data available	
12.4 Mobility in soil No data available	
12.5 Results of PBT and vPvB as No data available	sessment
<b>12.6 Other adverse effects</b> No data available	
Section 13. Disposal consideratio Please refer to the information in se 13.1 Waste treatment methods	<b>ns</b> ction 8 (Exposure controls and personal protection)
	w and local regulations. Treat as trade effluent.
Section 14. Transport information	1
14.1 UN number	3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUIE N.O.S (LIMONENE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
Tunnel Code	(E)
<b>14.5 Environmental Hazards</b> Marine Pollutant - contains enviro	nmentally hazardous substances ( Limonene)
<b>14.6 Special precautions for user</b> 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	on
substance or mixture	nental regulations/legislation specific for the
No relevant information available	at this time

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## 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

## Section 16. Other information

## Full list of precautionary 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 haza	rd 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 hazard 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			

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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