

CERTIFICATE OF ANALYSIS

MATERIAL	CINNAMON BARK OIL
EINECS CAS NUMBER	84649-98-9
CAS NUMBER	8015-91-6
EC NUMBER	283-479-0
INCI NAME	Cinnamomum zeylanicum Essential Oil
BATCH	4438912
BEST BEFORE END	JULY 2024

Appearance	Yellow to brown yellow liquid
Odour	Characteristic
Optical Rotation @ 20°C	-0.06
Specific Gravity @ 20°C	1.047
Refractive Index @ 20°C	1.5639
Flashpoint	88°C
Solubility	Soluble in ethanol

Chromatographic Characteristics (GLC)

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	Cinnamaldeh	yde	33.89%	

After this delay, the quality might be degraded even before use and must be checked.

Storage

Original unopened container, at ambient temperature, under dry conditions and away from light. The shelf life is not valid out of the mentioned conditions.

Handling

According to IFRA Code of Practice.

Recommended Uses Multiple uses.



ALLERGEN LISTING

MATERIAL NAME: CINNAMON BARK OIL SRI LANKA

INGREDIENT	CAS No.	% TOTAL
Alpha-Isomethylionone	127-51-5	А
Amyl Cinnamal	122-40-7	А
Amylcinnamyl Alcohol	101-85-9	А
Anise Alcohol	105-13-5	А
Benzyl Alcohol	100-51-6	А
Benzyl Benzoate	120-51-4	2.50
Benzyl Cinnamate	103-41-3	А
Benzyl Salicylate	118-58-1	А
Butylphenyl Methylpropional (Lilial)	80-54-6	А
Cinnamal	104-55-2	34.00
Cinnamyl Alcohol	104-54-1	А
Citral	106-26-3	А
	141-27-5	A
	5392-40-5	A
Citronellol	106-22-9	А
	1117-61-9	A
	141-25-3	A
	6812-78-8	A
	68916-43-8	A
	7540-51-4	A
Coumarin	91-64-5	А
Eugenol	97-53-0	45.00
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	А
Evernia Prunastri (Oak Moss) Extract	90028-68-5	А
Farnesol	4602-84-0	А
Geraniol	106-24-1	А
Hexyl Cinnamal	101-86-0	А
Hydoxycitronellal	107-75-5	А
Hydroxyisohexyl 3-Cyclohexene Carbocaldehyde (Lyral)	31906-04-4	А
Isoeugenol	97-54-1	Α
Limonene	138-86-3	0.40
	5989-27-5	A
	5989-54-8	A
Linalool	126-90-9	2.50
	126-91-0	A
	78-70-6	A
Methyl 2-Octynoate	111-12-6	А

* A denotes absent

The information contained herein is true and accurate to the best of our knowledge.

We will not therefore accept liability for misuse of this data.



MANUFACTURING PROCESS

MATERIAL	CINNAMON BARK OIL		
Steam distilla	ation of the bark of Cinnamomum Zeylanicum		
	Filtering		
	Packaging		
	Delivery		



GMO DECLARATION

MATERIAL	CINNAMON BARK OIL

MADAR Corporation declare that this product:

- Does not consist and does not contain Genetically Modified Organisms.
- Is not produced from and does not contain ingredients produced from Genetically Modified Organisms.



IFRA CONFORMITY CERTIFICATE TRADE NAME: CINNAMON BARK OIL

REVISION: 28.08.2020

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

Contains Restricted Substances:

Component	CAS Number	Quantity
Benzyl Benzoate	120-51-4	2.5%
Cinnamic Aldehyde	104-55-2	34%
Eugenol	97-53-0	45%
Limonene	5989-27-5	0.4%
Linalool	78-70-6	2.5%

The IFRA Standards regarding use restriction 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 the customer to ensure the safety of the final product (containing this fragrance) by further testing if needed.

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Product Type	IFRA Category	Value
Lip products of all types (solid and liquid lipsticks, balms, clear	CLASS 1	0.13%
or coloured, etc.)		
Children's toys		
Deodorant and antiperspirant products of all types including	CLASS 2	0.04%
any product with intended or reasonably foreseeable use on		
the axillae or labelled as such (spray, stick, roll-on, under-		
arm, deocologne, etc.)		
Eye products of all types (eye shadow, mascara, eyeliner, eye	CLASS 3	0.06%
make-up, eye masks, eye pillows, etc.) including eye care and		
moisturiser.		
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.		
Hydroalcoholic and non-hydroalcoholic fine fragrance of all	CLASS 4	0.74%
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.		
Body creams, oils, lotions of all types.	CLASS 5A	0.19%
Foot care products (creams and powders).		
Insect repellent (intended to be applied to the skin).		
All powders and talc (excluding baby powders and talc).		
Facial toner.	CLASS 5B	0.12%
Facial moisturisers and creams.		
Hand cream.	CLASS 5C	0.19%
Nail care products including cuticle creams, etc.		
Hand sanitisers.		
Baby cream/lotion, baby oil, baby powders and talc.	CLASS 5D	0.04%
Toothpaste	CLASS 6	0.44%
Mouthwash, including breath sprays.		

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Toothpowder, strips, mouthwash tablets.		
Hair permanent or other hair chemical treatments (leave-on)	CLASS 7A	0.50%
(e.g. relaxers), including rinse-off hair dyes.		
Hair sprays of all types (pumps, aerosol sprays, etc.)	CLASS 7B	0.50%
Hair styling aids non sprays (mousse, gels, leave-on		
conditioners).		
Hair permanent or other hair chemical treatments (leave-on)		
(eg. relaxers), including leave-on hair dyes.		
Shampoo – Dry (waterless shampoo).		
Hair deodoriser.		
Intimate wipes.	CLASS 8	0.04%
Tampons.		
Baby wipes.		
Toilet paper (wet).		
Bar soap.	CLASS 9	1.44%
Shampoo of all types.		
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 (e.g. paste, sprays, sticks).		
All depilatories (including facial) and waxes for mechanical		
hair removal.		
Shampoos for pets.		
Hand wash laundry detergent (including concentrates).	CLASS 10A	1.44%
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.		

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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, deodorisers 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 (odourised distilled water).		
Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump.	CLASS 10B	5.29%
Aerosol/spray insecticides.		
Feminine hygiene conventional pads, liners, interlabial pads.	CLASS 11A	0.04%
Diapers (baby and adult).		
Adult incontinence pant, pad.		
Toilet paper (dry).		
Tights with moisturisers.	CLASS 11B	0.04%
Scented socks, gloves.		
Facial tissues (dry tissues).		
Napkins.		
Paper towels.		
Wheat bags.		
Facial masks (paper/protective) e.g. surgical masks not used		
as a medical device.		
Fertilisers, solid (pellet or powder).		
Candles of all types (including encased).	CLASS 12	100%
Laundry detergents for machine was 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.		

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Deodorisers/maskers not intended for skin contact (e.g.	ı
fabric dying machine deodorisers, carpet powders).	İ
Fuels.	İ
Insecticides (e.g. mosquito coil, paper, electrical, for clothing)	İ
excluding aerosols/sprays.	İ
Joss sticks or incense sticks.	İ
Dishwash detergent and deodorisers – for machine wash.	l
Olfactive board games.	l
Paints.	İ
Plastic articles (excluding toys).	l
Scratch and sniff.	l
Scent pack.	ı
Scent delivery system (using dry air technology).	ı
Shoe polishes.	ı
Rim blocks (toilet).	<u> </u>

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



1 Iden	1 Identification of the Substance/Mixture and of the Company/Undertaking		
1.1	Trade Name	CINNAMON BARK OIL SRI LANKA	
1.2	Relevant Identified Uses of the	NOT FOR USE IN E-CIGARETTES OF SIMILAR	
	Substance or Mixture and Uses	DEVICES. Please read Section 16 Warning/	
	Advised Against	Disclaimer notice.	
1.3	Details of the Supplier of the Safety	MADAR Corporation Limited	
	Data Sheet	19-20 Sandleheath Industrial Estate,	
		Fordingbridge, Hampshire, SP6 1PA	
		TEL: 01425 655555	
		EMAIL: sales@madarcorporation.co.uk	
1.4	Further Information Obtainable from	MADAR Corporation Limited	
1.5	Emergency Telephone Number	01425 655555	

2 Hazards Identification

2.1 Classification of the Substance or Mixture:

Classification According to	SCI 2	Skin corrosion/irritation, category 2
Regulation (EC) No. 1272/2008	SS 1A	Skin sensitisation, category 1A
	EDI 2A	Eye damage/irritation, category 2A
	CAR 1B	Carcinogenicity, category 1B
	EH C3	Aquatic hazard, long term, category 3

2.2 Label Elements:

Labelling according to Regulation (EC) No. 1272/2008:

Hazard Pictograms:





Signal Word	DANGER
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Hazard Statements:

1424.4 944401161161		
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H350	May cause cancer.	
H412	Harmful to aquatic life with long lasting effects.	

Precautionary Statements:

P273	Avoid release to the environment.	
P280	Wear protective gloves and eye protection.	
P308+P313	If exposed or concerned: Get medical advice.	
P333+P313	If skin irritation or rash occurs: Get medical advice.	
P337+P313	If eye irritation persists: Get medical attention.	
P501	Dispose of contents and container in accordance with local regulation.	



2.3	Other Hazards		stains nothing known from the allergens list which may produce an		
		allergic reaction. No further information available at this time.			
3 Con	nposition/Informat	tion on Ingre	dients		
3.1			e of ingredier	ts	
3.1	Wilketon Con	II pick IIIIxtur	e or ingredier	1.0.	
4 Firs	t Aid Measures				
4.1	Description of Fi	irst Take p	hrases in Sec	tion 2 into account.	
	Aid Measures				
	Inhalation	Remov	e from the e	exposure area to fresh air. Contact a doctor if	
		necess			
	Skin Contact			ted clothing. Wash thoroughly with soap and	
				I advice if irritation persists or there is any sign	
	Fue Contact		ue damage.	water and seek medical advice if necessary.	
	Eye Contact Ingestion			plenty of water and obtain medical advice	
	ingestion	immed		pienty of water and obtain incuted davice	
4.2	Most Important			No further information available at this time.	
	both Acute and Delayed				
4.3	Indication of Im	mediate Med	dical	No further information available at this time.	
	Attention and Special Treatmen		nent Needed		
		_			
	-fighting Measure		1		
5.1	Extinguishing Media			oxide, foam or dry powder. DO NOT USE A	
5.2	Special Hazards A	\ricing from	DIRECT W	uce Carbon dioxide and unidentified organic	
3.2	the Substance or	_	compounds.		
5.3	Advice for Fire-fig		Wear protective clothing and avoid inhalation of vapours.		
		y		G	
6 Acc	idental Release Me	easures			
6.1	Personal Precaut	ions,	Remove all	sources of ignition. Avoid inhalation, skin and	
	Protective Equipment and		eye contact. Ensure proper ventilation.		
	Emergency Proce				
6.2	Environmental Pr	recautions	, , , , , , , , , , , , , , , , , , , ,		
	Bash all ale	4 C	from surface and ground water.		
6.3	<u> </u>			lage with sand or other inert absorbent material	
	Containment and Cleaning		such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with		
	Up		regulations.		
6.4	Reference to Oth	er Sections			
J			200 2000001		

Section 13 for disposal information.

8 for information on personal protection equipment. See



7 Han	<mark>7 Handling and Storage</mark>		
7.1	Precautions for Safe Handling Maintain good occupational and personal hygiene. Av		
		inhalation and contact with skin and eyes.	
7.2	Conditions for Safe Storage,	Store in tightly sealed original containers away from	
	Including any Incompatibilities ignition sources and in a cool place.		
7.3	Specific End Use(s)	No further information available.	

8 Exposure Controls/Personal Protection

8.1 Control Parameters No information available.	
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8.2 Exposure Controls:

Engineering Controls	No information available.	
Individual Protection	Refer to Section 5 for specific fire/chemical personal protective	
Measures	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	
	end of the work period.	
Respiratory Protection	Not generally required. Use inhalation protection in poorly	
	ventilated areas.	
Thermal Hazards	No information available.	
Environmental Exposure	No information available.	
Controls		

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties:

Flash Point	88°C	
Appearance	Yellow to brown yellow liquid.	
Odour	Spicy odour reminiscent of cinnamon.	
Relative Density @20C	1.020 to 1.060	
Vapour Pressure	No data available.	
Auto-ignition Temperature	No data available.	
Odour Threshold	No data available.	
рН	Not applicable for this product.	
Evaporation Rate No data available.		
Vapour Density No data available.		
Partition Coefficient No data available.		
Decomposition Temperature	No data available.	
Viscosity No data available.		
Explosive Properties Not determined (material not explosive).		
Oxidising Properties Not determined (not an oxidising agent).		
9.2 Other Information No further information available.		



10 Stal	10 Stability and Reactivity		
10.1	Reactivity	Not determined.	
10.2	Chemical Stability	Not determined.	
10.3	Possibility of Hazardous Reactions	Not determined.	
10.4	Conditions to Avoid	Extreme temperatures.	
10.5	Incompatible Materials	Highly reactive chemicals which may produce	
		unknown reaction products and so cause	
		additional hazards.	
10.6	Hazardous Decomposition Products	Not determined.	

11 Toxicological Information

11.1 Information on Toxicological Effects:

Acute Toxicity	No data available.
•	NO data available.
Skin Corrosion/Irritation	No data available.
Serious Eye Damage/Irritation	No data available.
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	No data available.
Toxicological Characteristics	
Delayed and Immediate Effects as well as Chronic	No data available.
Effects from Short and Long-term Exposure	
Interactive Effects	No data available.
Other Information	No data available.

12 Ecological Information

12.1	Toxicity No data available; avoid soil, surface water and wa	
		bearing stratum contamination.
12.2	Persistence and Degradability	No data available.
12.3	Bioaccumulative Potential	No data available.
12.4	Mobility in Soil	No data available.
12.5	Results of PBT and vPvB	No data available.
	Assessment	
12.6	Other Adverse Effects	No data available.



13 Disposal Considerations

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

13.1	Waste Treatment	Dispose of in accordance with the law and local regulations. Treat
	Methods	as trade effluent.

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	
14.5	Tunnel Code	
14.6	Environmental Hazards	No relevant information available.
14.7	Special Precautions for User	No relevant information available.
14.8	Transport in Bulk According to Annex	Not applicable.
	II of MARPOL73/78 and the IBC Code	

15 Regulatory Information

15.1	Safety, Health and Environmental Regulations/	No relevant information available at
	Legislation Specific for the Substance or Mixture	this time.
15.2	Chemical Safety Assessment	A chemical safety assessment has not
		been carried out.

16 Other Information

16.1 Full List of Precautionary Phrases:

P201	Obtain special instructions before use.	
P202	Do not handle until all safety precautions have been read and understood.	
P261	Avoid breathing fumes.	
P264	Wash hands thoroughly after handling.	
P272	Contaminated work clothing should not be allowed out of the workplace.	
P273	Avoid release to the environment.	
P280	Wear protective gloves and eye protection.	
P281	Use personal protective equipment as required.	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.	
P305	IF IN EYES:	
P308+P313	If exposed or concerned: Get medical advice.	
P321	Specific treatment (see % on this label).	
P332+P313	If skin irritation occurs: Get medical advice.	
P333+P313	If skin irritation or rash occurs: Get medical advice.	
P337+P313	If eye irritation persists: Get medical attention.	
P351	Rinse cautiously with water for several minutes.	
P362	Take off contaminated clothing before reuse.	
P363	Wash contaminated clothing before reuse.	
P405	Store locked up.	



P501 Dispose of contents and container in accordance with local regulations.			
WARNING/DISCLAIMER:			
This material has not been tested, nor deemed safe, for use in electronic cigarettes or similar			
devices ("E-Cigarettes"). In supplying this material H Reynaud & Fils (UK) Limited ins	tructs, and		
similarly by receiving this material the recipient confirms, that it will not be used in connection with			
the manufacture and distribution of E-Cigarettes or any component thereof.			



SPECIFICATION

MATERIAL	CINNAMON BARK OIL SRI LANKA
ORIGIN	Sri Lanka

Appearance	Yellow to brown yellow liquid
Odour	Characteristic
Optical Rotation @ 20°C	-2.0 to 0
Specific Gravity @ 20°C	1.020 to 1.060
Refractive Index @ 20°C	1.5310 to 1.5910
Cinnamaldehyde Content	>=30.00%
Flashpoint	88°C
Solubility	Soluble in ethanol

Shelf Life 18 Months

After this delay, the quality might be degraded even before use and must be checked.

Storage

Original unopened container, at ambient temperature, under dry conditions and away from light. The shelf life is not valid out of the mentioned conditions.

Handling

According to IFRA Code of Practice.

Recommended Uses Multiple uses.

Caution

Concentrated product for industrial use avoid contact with eyes and mucous. Do not drink.

This information contained in this data sheet is to the best of our knowledge, including the data supplied by our suppliers, current at the mentioned date and remain the property of the issuer. Alteration can result of improper transport and/or storage. The certificate does not release the user from the responsibility of undertaking his own tests of conditions and suitability in the intended uses with regard to the current legal and statutory measures.



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Cinnamon Bark Essential Oil

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.