

## CERTIFICATE OF ANALYSIS

**Product: Cinnamon Leaf Organic**

**INCI Name: Cinnamomum Zeylanicum leaf oil**

**CAS No: 8015-91-6 EINECS No: 283-479-0**

**Countries of Origin: Sri Lanka**

**Batch Code: 4350706**

Test	Specification	Result
Appearance	Liquid	Complies
Colour	Pale yellow to dark brownish	Complies
Odour	Fresh specific to cinnamon leaf oil	Complies
Specific Gravity at 20°C	1.03 – 1.059	1.0514
Refractive Index at 20°C	1.52 – 1.54	1.5348
Optical Rotation at 20°C	+2° to -2°50	0°05
Eugenol	70 – 85%	80.22%
Eugenol Acetate	-	1.25%

*Product is steam distilled from the leaves of Cinnamomum Zeylanicum, farmed organically.*

*Storage: Keep tightly closed, in a cool dry place away from heat, sunlight and moisture.*

**Manufacture Date: February 2019**

**Best Before: February 2022**

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers.

Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficiency of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.

## DECLARATION of ALLERGENS

**Product: Cinnamon Leaf Essential Oil**

**INCI: Cinnamomum Zeylanicum**

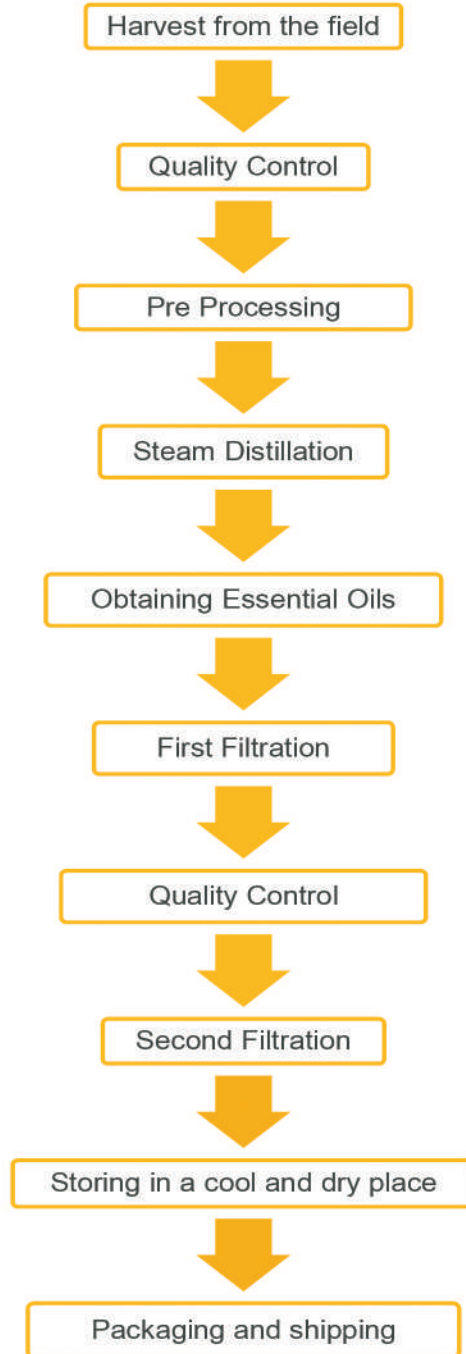
We hereby confirm that the above item contains the ingredients listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with the Seventh Amendment to the EU Cosmetics Directive (76/768/EEC) and the EU Detergents Directive (648/2004/EC).

MATERIAL	CAS NUMBER	Total Allergen Inclusion Level (%)
ALPHA-ISOMETHYL IONONE	127-51-5	-
AMYL CINNAMAL	122-40-7	-
AMYL CINNAMAL ALCOHOL	101-85-9	-
ANISE ALCOHOL	105-13-5	-
BENZYL ALCOHOL	100-51-6	-
BENZYL BENZOATE	120-51-4	4%
BENZYL CINNAMATE	103-41-3	-
BENZYL SALICYLATE	118-58-1	-
BUTYLPHENYL METHYLPROPRIONOL	80-54-6	-
CINNAMAL	104-55-2	3%
CINNAMYL ALCOHOL	104-54-1	1%
CITRAL	5392-40-5	-
CITRONELLOL	106-22-9	-
COUMARIN	91-64-5	-
EUGENOL	97-53-0	85%
EVERNIA FURFURACEA EXTRACT	90028-67-4	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
FARSENOL	4602-84-0	-
GERANIOL	106-24-1	-
HEXYL CINNAMAL	101-86-0	-
HYDROXYCINTRONELLAL	107-75-5	-
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	-
ISO EUGENOL	97-54-1	-
LIMONENE	5989-27-5	-
LINALOOL	78-70-6	-
METHYL 2-OCTYNOATE	111-12-6	-

Date Document Created: 07/02/19

## Manufacturing Flow Chart

### Product: Cinnamon Leaf Oil Organic



**Date Document Created: 07/02/19**



## **GMO Statement**

PRODUCT NAME: Cinnamon Leaf Organic

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

06/03/2019

## IFRA CONFORMITY CERTIFICATE

**Product: Cinnamon Leaf Organic**

**INCI: Cinnamomum zeylanicum**

We certify that the above item is following the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 48th Amendment / published June 2015), provided it is used in the following classes at a maximum concentration level of:

IFRA CLASSES (see annex for details)	Max Level of use (%)
IFRA CLASS 1. A	0.022%
IFRA CLASS 1. B	0.022%
IFRA CLASS 2	0.022%
IFRA CLASS 3. A	0.055%
IFRA CLASS 3. B	0.055%
IFRA CLASS 3. C	0.055%
IFRA CLASS 3. D	0.055%
IFRA CLASS 4. A	0.055%
IFRA CLASS 4. B	0.055%
IFRA CLASS 4. C	0.055%
IFRA CLASS 4. D	0.055%
IFRA CLASS 5	0.055%
IFRA CLASS 6	0.444%
IFRA CLASS 7. A	0.444%
IFRA CLASS 7. B	0.444%
IFRA CLASS 8. A	0.055%
IFRA CLASS 8. B	0.055%
IFRA CLASS 9. A	0.055%
IFRA CLASS 9. B	0.055%
IFRA CLASS 9. C	0.055%
IFRA CLASS 10. A	0.055%
IFRA CLASS 10. B	0.055%
IFRA CLASS 11. A	N/A
IFRA CLASS 11. B	N/A

Note 1: It is recommended that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are following appropriate regulations for foods and food flavourings in the countries of planned distribution.

Note 2: Trials must be performed to satisfy suitability for specified application

For other kinds of application or use at higher concentration levels, a new evaluation may be needed.

The IFRA Standards regarding use 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 per 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.

Regulatory Affairs

## Annex: Definition of IFRA Classes

Finished product types	IFRA Classes
Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.); Children's Toys	IFRA Class 1 A
Waxes for mechanical hair removal	IFRA Class 1 B
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	IFRA Class 2
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave) (Edt range)	IFRA Class 3. A
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave) (Fine fragrance range)	IFRA Class 3. B
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	IFRA Class 3. C
Tampons	IFRA Class 3. D
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Edt range); Ingredients of Perfume Kits; Scent Pads, Foil packs; Scent Strips for hydroalcoholic products	IFRA Class 4. A
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Fine fragrance range)	IFRA Class 4. B
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)	IFRA Class 4. C
Fragrancing Cream; Solid perfumes	IFRA Class 4. D
Women's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; 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	IFRA Class 5
Mouthwash, including Breath Sprays; Toothpaste	IFRA Class 6
Intimate Wipes; Baby Wipes	IFRA Class 7. A
Insect Repellent (intended to be applied to the skin)	IFRA Class 7. B

Make-up Removers of all types (not including face cleansers); Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.); Nail Care; Powders and talcs, all types (except baby powders and talcs)	IFRA Class 8. A
Hair Dyes	IFRA Class 8. B
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	IFRA Class 9. A
Feminine hygiene - pads, liners; Toilet paper; Wheat bags	IFRA Class 9. B
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); Fragranced Face Masks (not intended to be used as medical device)	IFRA Class 9. C
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	IFRA Class 10. A
Diapers; Toilet seat wipes	IFRA Class 10. B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding 'other' aerosol products): concentrated aerosol air fresheners, plug-ins, solid substrate, membrane delivery, ambient, electrical; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, for clothing etc... excluding aerosols); Air delivery systems; Liquid refills for air fresheners (cartridge systems); Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Fragranced lamp ring; Scent pack; Machine only Laundry detergent (e.g. Iiquitabs)	IFRA Class 11. A
All incidental skin contact, including: Machine Dishwash Detergents and Deodorizers. Deodorizers/Maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders); Scratch and Sniff (sampling technology); Pot pourri; fragrancing sachets; liquid refills for air fresheners (non-cartridge systems); Reed diffusers; Shoe polishes; Cat Litter; Animal Sprays (all types); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odoured Distilled Water (that can be added to steam irons); Infused socks	IFRA Class 11. B

**Date Document Created: 24/01/19**

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form	: Substance
Substance name	: Cinnamon Leaf Organic Essential Oil
Chemical name	: Cinnamum zeylanicum
EC-No.	: 283-479-0
CAS-No.	: 8015-91-6
Product code	: 147

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Cosmetics

##### 1.2.2. Uses advised against

No additional information available

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

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

#### 1.4. Emergency telephone number

01425 655555

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Germ cell mutagenicity, Category 2	H341
Carcinogenicity, Category 1B	H350
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

GHS08

GHS09

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H304 - May be fatal if swallowed and enters airways.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H341 - Suspected of causing genetic defects.  
H350 - May cause cancer.  
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P201 - Obtain special instructions before use.  
P280 - Wear protective clothing, eye protection, face protection, protective gloves.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.  
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.  
P501 - Dispose of container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.



# Cinnamon Leaf Organic Essential Oil

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Name : Cinnamon Leaf Organic Essential Oil  
CAS-No. : 8015-91-6  
EC-No. : 283-479-0

Name	Product identifier	%
Eugenol	(CAS-No.) 97-53-0 (EC-No.) 202-589-1	< 85
Benzyl Benzoate	(CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9	< 4
Cinnamaldehyde	(CAS-No.) 104-55-2 (EC-No.) 203-213-9 / 604-377-8	< 3
Cinnamyl Alcohol	(CAS-No.) 104-54-1 (EC-No.) 203-212-3	< 1
Benzaldehyde	(CAS-No.) 100-52-7 (EC-No.) 202-860-4	< 0.2

Full text of H-statements: see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Immediately call a POISON CENTER/doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes serious eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Carbon monoxide. Carbon dioxide.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

# Cinnamon Leaf Organic Essential Oil

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. Collect spillage. Minimise generation of dust. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Packaging materials : Keep only in the original container in a cool, well-ventilated place away from combustible materials.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure that there is a suitable ventilation system.

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Nitrile rubber gloves. Wear protective gloves.

#### Eye protection:

Chemical goggles or safety glasses

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Wear appropriate mask

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Avoid release to the environment. Avoid creating or spreading dust. Do not exceed the occupational exposure limits (OEL).

#### Consumer exposure controls:

Avoid contact during pregnancy/while nursing. The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterisation is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

#### Other information:

Do not eat, drink or smoke when using this product. Do not eat, drink or smoke during use.

# Cinnamon Leaf Organic Essential Oil

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: yellow to yellow brown.
Odour	: Spicy, Woody. characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 194 - 234 °C
Flash point	: ≈ 87.78 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: Insoluble in water Ethanol: Insoluble in ethanol
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

Refractive index	: ≈ 1.52 - 1.54 @ 20°C
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong bases. Oxidizing agent.

#### 10.6. Hazardous decomposition products

Carbon monoxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Cinnamon Leaf Organic Essential Oil (8015-91-6)

LD50 oral rat	2650 mg/kg
LD50 dermal rabbit	> 5000 ml/kg

Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye irritation.
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Suspected of causing genetic defects.

# Cinnamon Leaf Organic Essential Oil

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: May cause cancer.
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: May be fatal if swallowed and enters airways.
Additional information	: Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water	: Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

#### Cinnamon Leaf Organic Essential Oil (8015-91-6)

Persistence and degradability	Not established. May cause long-term adverse effects in the environment.
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#### Eugenol (97-53-0)

Persistence and degradability	Not established.
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#### Benzyl Benzoate (120-51-4)

Persistence and degradability	Not established. May cause long-term adverse effects in the environment.
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### 12.3. Bioaccumulative potential

#### Cinnamon Leaf Organic Essential Oil (8015-91-6)

Bioaccumulative potential	Not established.
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#### Eugenol (97-53-0)

Bioaccumulative potential	Not established.
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#### Benzyl Benzoate (120-51-4)

Bioaccumulative potential	Not established.
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information	: Avoid release to the environment.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	: Avoid release to the environment. Hazardous waste due to toxicity.

## SECTION 14: Transport information

In accordance with ADR

# Cinnamon Leaf Organic Essential Oil

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830



ADR	
<b>14.1. UN number</b>	Not regulated
<b>14.2. UN proper shipping name</b>	Not regulated
<b>14.3. Transport hazard class(es)</b>	Not regulated
<b>14.4. Packing group</b>	Not regulated
<b>14.5. Environmental hazards</b>	Not regulated
No supplementary information available	
<b>14.6. Special precautions for user</b>	
<b>Overland transport</b>	
Not regulated	
<b>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</b>	
Not applicable	

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Cinnamon Leaf Organic Essential Oil is not on the REACH Candidate List

Cinnamon Leaf Organic Essential Oil is not on the REACH Annex XIV List

Cinnamon Leaf Organic Essential Oil is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Cinnamon Leaf Organic Essential Oil is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

# Cinnamon Leaf Organic Essential Oil

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830



STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H411	Toxic to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

## Specification Sheet

**Product: Cinnamon Leaf Essential Oil Organic**

**INCI: Cinnamomum zeylanicum**

**CAS no: 8015-91-6**

**EC no: 283-479-0**

**Country of Origin: Sri Lanka**

**Description: Cinnamon Leaf Essential Oil Organic extracted from steam distillation using the cinnamon leaves.**

**Appearance: Liquid**

**Colour: Pale yellow to brownish**

**Odour: Characteristic**

**Specific Gravity at 20°C: 1.0300 to 1.0590**

**Refractive Index at 20°C: 1.5200 to 1.5400**

**Optical Rotation at 20°C: +2°00 to -2°50**

**Eugenol: 70.00% to 85.00%**

**Storage: Store in a cool, dry, well ventilated place protected from direct light.**

**Shelf Life: 60 months**

**Date Document Created: 24/01/19**



## **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Cinnamon Leaf Organic

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.

28/06/19