

**01. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY UNDERTAKING****1.1 Product Identifier**

| | | | | | |
|------------------------|---|-----------|-----------|------------|-----------|
| 1.1 Product Identifier | "Cinnamon Leaf Oil Ceylon". Cinnamomum Zeylanicum Leaf Oil is the volatile oil obtained | | | | |
| Biological Definition | Cinnamomum Zeylanicum Leaf Oil. | | | | |
| INCI Name | Anthemis Nobilis Flower Oil. | | | | |
| Synonyms Trade Names | - | | | | |
| CAS Number | 84649-98-9 | EC Number | 283-479-0 | EINECS No. | 283-479-0 |

1.2 Relative identified uses of the substance or mixture and uses advised against

No additional data available.

1.3 Details of the supplier of the safety data sheet

Calmer Solutions Limited - Hadresham, Woolborough Lane, Outwood, Surrey, England RH1 5QR - Reg No 4992013

1.4 Emergency Telephone Number

In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK Only)

02. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

No additional data available.

Classification (EC 1272 / 2008)

Eye irritation, Category 2 (Eye Irrit. 2, H319). Skin sensitisation, Category 1 (Skin Sens. 1, H317). Germ cell mutagenicity, Category 2 (Muta. 2, H341). Carcinogenicity, Category 1B (Carc. 1B, H350). Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412). This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

GHS07

GHS08

None

None

None



Signal Word

Danger

Contains

EC 283-479-0 Cinnamon Leaf Oil,

Hazard Statements

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H341 Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H350 May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302 IF ON SKIN:

P352 Wash with plenty of soap and water.

P305 IF IN EYES:

P351 Rinse cautiously with water for several minutes.

P338 Remove contact lenses, if present and easy to do. Continue rinsing.

P333 If skin irritation or rash occurs:

P313 Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

Supplementary Precautionary Statements

None Identified

2.3 Other Hazards

| | |
|------------------------------------|-------------------------------|
| PBT or PvB according to Annex XIII | No additional data available. |
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|------------------------------------|-------------------------------|
| Adverse physio-chemical properties | No additional data available. |
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|---------------------------------|-------------------------------|
| Adverse effects on human health | No additional data available. |
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03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

100 - 100 % Cinnamomum Zeylanicum Leaf Oil CAS No: 84649-98-9 EC No: 283-479-0

Classification (EC 1272/2008): Skin Sens. 1 - H317, Eye Irrit. 2 - H319, Muta. 2 - H341, Carc. 1A - H350, Aquatic Chronic 3 - H412

04. FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|----------------|---|
| 41 Inhalation: | Move the exposed person to fresh air at once. Seek medical attention if discomfort continues. |
|----------------|---|

| | |
|---------------|---|
| 41 Ingestion: | Do not give the patient anything orally. In the event of swallowing, if the quantity is small (nomore than one mouthful), rinse the mouth with water and consult a doctor. Seek medical attention immediately, showing the label. |
|---------------|---|

| | |
|---------|--|
| 41 Eye: | Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.If there is any redness, pain or visual impairment, consult an ophthalmologist. |
|---------|--|

| | |
|----------|---|
| 41 Skin: | Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. If the contaminated areas is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital. |
|----------|---|

4.2 Most important symptoms and effects, both acute and delayed

No additional data available.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

05. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide, Chemical Powder or Foam. Do not use a direct stream of water.

5.2 Special hazards arising from the product

In case of fire Carbon Monoxide and other unidentified organic compounds may be released.

5.3 Advice for firefighters

In case of insufficient ventilation use suitable respiratory equipment. Wear chemical protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid any contact with skin and eyes. Wear protective equipment such as safety glasses and gloves. Consult the safety measures listed in sections 7 and 8. Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines. Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums.

6.3 Methods and material for containment and clearing up

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to local authority regulations. Clean preferably with a detergent, do not use solvents.

6.4 Reference to other sections

Section 8 - Exposure controls/personal protection for further information on personal precautions
Section 13 - Disposal Considerations for further information on waste treatment.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use in a well ventilated area away from sources of ignition in accordance with good occupational hygiene and safety practices. NO SMOKING.

7.2 Conditions for safe storage, including and incompatibilities

Well filled tightly stoppered containers away from heat, light and ignition. Recommended storage at ambient temperature.

7.3 Specific end use(s)

No additional data available.



08. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

No additional data available.

8.2 Exposure controls

Protective Equipment

| | | | | |
|---|--|------|------|------|
| Goggles | Gloves | None | None | None |
|  |  | | | |
| Process Conditions: | Provide eyewash station. | | | |
| Engineering Measures: | Provide adequate ventilation. | | | |
| Respiratory Equipment: | Avoid inhalation of vapour. | | | |
| Hand Protection: | Avoid skin contact. Wear protective gloves. | | | |
| Eye Protection: | Wear protective goggles to prevent eye contact. | | | |
| Other Protection: | Slip proof shoes may be worn in event of spillages. | | | |
| Hygiene Measures: | Good personal hygiene practices are always advisable, especially when working with chemicals / oils. | | | |
| Personal Protection: | Avoid inhalation of vapour and contact with skin and eyes. | | | |
| Skin Protection | Wear overalls or laboratory coat to protect from skin contact. | | | |
| Environmental Exposure Controls: | Avoid discharging into drainage water. | | | |

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

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|-------------------|---|
| Appearance: | Limpid liquid, yellow brown to dark brown. |
| Colour: | Yellow brown to dark brown. |
| Flash Point: | 88 |
| Odour: | Characteristic – spicy, sweet. |
| Relative Density: | 1.030 - 1.050 @20°C |
| Refractive: | 1.529 - 1.537 @20°C |
| Melting Point: | No additional data available. |
| Boiling: | No additional data available. |
| Vapour: | No additional data available. |
| Solubility: | Insoluble. (soluble in 2 volumes maximum of ethanol 70%). |
| Auto Ignition: | 380 |

9.2 Other Information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No additional data available.

10.2 Chemical Stability

Chemically stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

No additional data available.

10.4 Conditions to avoid

No additional data available.

10.5 Incompatible materials

No additional data available.

10.6 Hazardous Decomposition Products

In the event of a fire, the following may be formed: carbon monoxide (CO), carbon dioxide (CO₂).

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

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|------------------------------------|--|
| Acute Toxicity: | CINNAMON LEAF OIL (CAS: 84649-98-9) Oral route: DL50 = 2650 mg/kg Species : Rat (recommended by the CLP) Dermal route: DL50 > 5000 mg/kg Species : Rabbit (recommended by the CLP) |
| Respiratory or skin sensitisation: | No additional data available. |
| Skin corrosion/irritation: | May cause an allergic reaction by skin contact. |
| Serious Eye damage/irritation: | May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days. |
| Germ Cell Mutagenicity: | Cause for concern owing to the possibility that it may induce heritable mutations in the germ cells of humans. |
| Carcinogenicity: | Presumed human carcinogen. |
| Reproductive toxicity: | No additional data available. |
| STOT Single exposure: | No additional data available. |
| STOT Repeated exposure: | No additional data available. |
| Photo-toxicity: | No additional data available. |
| Aspiration hazard: | No additional data available. |
| Other Information: | No additional data available. |

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways. Substances classified as category 1 acute toxicity: Crustacean toxicity: Duration of exposure : 48 h CE50 = 1.61 mg/l Species: Daphnia sp. OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

12.2 Persistence Degradability

No additional data available.

12.3 Bioaccumulation Potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB Assessment

No additional data available.

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not pour into drains or waterways. Waste:Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. Soiled packaging:Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

14. TRANSPORT INFORMATION

14.1 UN number

| | |
|-------|-------------------------------------|
| Road: | Not bound by transport regulations. |
| Sea: | Not bound by transport regulations. |
| Air: | Not bound by transport regulations. |

14.2 UN Proper shipping name

Not bound by tran

14.3 Transport hazard class(es)

Not bound by transport regulations.

Not bound by tran Not bound by tran Not bound by tran

14.4 Packing group

Not bound by transport regulations.

14.5 Environmental Hazards

No additional data available.

Not bound by tran Not bound by tran Not bound by tran

14.6 Special precautions for users

See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARLPOL73/78 and the IBC Code

No additional data available.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance

Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code of Practice Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations. Guidance Notes CHIP for everyone HSG(108). Workplace Exposure Limits EH40
EU Legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional data available.

16. OTHER INFORMATION

| | |
|----------------------|---|
| Hazard or precaution | H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H341 Suspected of causing genetic defects. H350 May cause cancer. H412 Harmful to aquatic life with long lasting effects. |
| Other Information::: | None. |
| Revision Date: | 4/1/2019 |
| Reason: | New SDS |
| Revision Number: | 2 |

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