

Material Safety Data Sheet

Cinnamon Leaf

Date: January 2016

1. Product and Supplier Description

Trade Name: Cinnamon Leaf

INCI: Cinnamomum zeylanicum leaf oil

Supplier:

Supplies 4 Candles

Westcroft, Ferryboat Lane,

Old Denaby,

Doncaster,

South Yorkshire

Tel: 01709 588579

Email: info@supplies4Candles.co.uk

CAS Number: 84649-98-9

EC (EINECS) NO. 283-479-0

Chemical Name: DEFINITION/BOTANICAL ORIGIN: Cinnamomum zeylanicum leaf Oil is the volatile oil obtained by steam distillation from the leaves of the Cinnamon, Cinnamomum zeylanicum, Lauraceae.

2. Hazards Identification

CLASSIFICATION (1999/45) Carc. Cat. 2; R45. Muta Cat. 3; R68. Xi; R36. R43. R52/53.

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards Not classified

Human Health Eye Irrit. 2 – H319; Skin Sens. 1 – H317; Muta. 2 – H341; Carc. 1B – H350

Environment Aquatic Chronic 3 – H412

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD: Danger

CONTAINS:

- 5-ALLYL-1, 3-BENZODIOXOLE = SAFROLE
- CINNAMIC ALDEHYDE
- EUGENOL

HAZARD STATEMENTS:

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.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash.....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/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P302+352 **IF ON SKIN:** Wash with plenty of soap and water.

P305+351+338 **IF IN EYES:** Rinse cautiously with water for several minutes.

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

P308+313 If exposed or concerned: Get medical attention.

P313 Get medical advice/attention.

P333+313 If skin irritation or rash occurs: Get medical advice/attention.

P337 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

Supplemental Label Information (EU) RCH002

Restricted to professional users.

3. Composition and Ingredient Information

5-ALLYL-1, 3-BENZODIOXOLE = SAFROLE 1-5%

CAS-No.: 94-59-7

EC No.: 202-345-4

Classification (EC 1272/2008)

Classification (67/548/EEC)

Acute Tox. 4 – H302

Carc. Cat. 2; R45

Muta. 2 – H341

Muta. Cat. 3; R68 Carc.

1B – H350

Xn; R22

BENZYL BENZOATE 1-5%

CAS-No.: 120-51-4

Classification (EC 1272/2008)

Acute Tox. 4 – H302

Aquatic Chronic 2 – H411

EC No.: 204-402-9

Classification (67/548/EEC)

Xn; R22

N; R51/53

CINNAMIC ALDEHYDE 1-5%

CAS-No.: 104-55-2

Classification (EC 1272/2008)

Acute Tox. 4 – H312

Skin Irrit. 2 – H315

Sens. 1 – H317

EC No.: 203-213-9

Classification (67/548/EEC)

Xn; R21.

Xi; R38. Skin

R43

EUGENOL 60-100%

CAS-No.: 97-53-0

Classification (EC 1272/2008)

Eye Irrit. 2 – H319

H317

R43.

EC No.: 202-589-1

Classification (67/548/EEC)

Xi; R36. Skin Sens. 1 –

LINALOOL 1-5%

CAS-No.: 78-70-6

Classification (EC 1272/2008)

Irrit. 2 – H315

EC No.: 201-134-4

Classification (67/548/EEC) Skin

Xi; R38.

The Full Text for all R-Phrases and Hazard Statements is displayed in Section 16

EC (EINECS) NO. 283-479-0

CAS-NO. 84649-98-9

4. First Aid Measures

GENERAL INFORMATION: Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.

NOTES TO THE PHYSICIAN: No specific first aid measures noted.

INHALATION: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION: If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

SKIN CONTACT: If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Fire can be extinguished using: Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES: Containers close to the fire should be removed or cooled with water.

UNUSUAL FIRE & EXPLOSION HAZARDS: No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS: When heated and in case of fire, toxic vapours/gasses may be formed.

PROTECTIVE MEASURES IN FIRE: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Measures in case of accidental release

PERSONAL PRECAUTIONS: Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS: Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS: Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7. Handling and Storage

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.

STORAGE PRECAUTIONS: Store in tightly closed original container in a dry, cool and wellventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

STORAGE CLASS: Unspecified storage.

8. Exposure Controls/Personal Protection

PROTECTIVE EQUIPMENT:



ENGINEERING MEASURES: Provide adequate ventilation.

RESPIRATORY EQUIPMENT: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION: Protective gloves should be used if there is a risk of direct contact or splash.

EYE PROTECTION: If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES: No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SKIN PROTECTION: Wear apron or protective clothing in case of splashes.

9. Physical and Chemical Properties

Colour: Brown yellow to Red Brown

Appearance: Liquid

Odour: Characteristic

Flash Point °C: 100

Specific Gravity @ 20°C: 1.030 – 1.059

Optical Rotation @ 20°C: 0° to -2°

Refractive Index @ 20°C: 1.527 – 1.540

10. Stability and Reactivity

STABILITY: Stable under normal temperature conditions.

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERISATION: Will not polymerise.

MATERIALS TO AVOID: Strong oxidizing substances. Strong acids. Strong Alkalies.

HAZARDOUS DECOMP. PRODUCTS: In case of fire, toxic gasses (CO, CO₂, NO_x) may be formed.

11. Toxicological Information

See section - 2

GENERAL INFORMATION: No specific health warnings noted.

INHALATION: In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

INGESTION: No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT: No specific health warnings noted.

EYE CONTACT: Spray and vapour in the eyes may cause irritation and smarting.

HEALTH WARNINGS: No specific health warnings noted.

MEDICAL SYMPTOMS: No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

MEDICAL CONSIDERATIONS: Persons with rash are directed to skin expert for examination of allergic eczema.

12. Ecological Information

ECOTOXICITY: Refer to section-2

13. Disposal Considerations

GENERAL INFORMATION: Waste suitable for incineration.

DISPOSAL METHODS: Dispose of waste and residues in accordance with local authority requirements.

14. Transport Information

GENERAL: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. Regulatory Information

EU DIRECTIVES:

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.

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.

GUIDANCE NOTES:

Workplace Exposure Limits EH40

16. Other Information

GENERAL INFORMATION: Shelf life: 36 months when stored within advised conditions.

RISK PHRASES IN FULL:

R22 Harmful if swallowed.

R21 Harmful in contact with skin.

R36 Irritating to eyes.

R38 Irritating to skin.

R45 May cause cancer.

R43 May cause sensitisation by skin contact.

R68 Possible risk of irreversible effects.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

HAZARD STATEMENTS IN FULL:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

H350 May cause cancer.

H341 Suspected of causing genetic defects.

H411 Toxic to aquatic life with long lasting effects.

The information contained herein is accurate to the best of our knowledge from a variety of sources. No liability can be accepted arising out of the use, application or processing of this product. It is the users' responsibility to determine the safe conditions for use of this product.