



MSDS-CINNAMON LEAF OIL

Compilation date: 02/03/2016

Revision date: 27/10/17

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

Product name: CINNAMON LEAF OIL

CAS number: 84649-98-9

EINECS number: 283-479-0

INCI name: Cinnamomum zeylanicum leaf oil

1.2. Use of substance / mixture: Concentrated product used in production of Household, Personal Care, Flavours, Fragrances and Aromatherapy

1.3. Details of the supplier of the MSDS

Company name: Amour Natural

Unit 6 Adlam's Central Park, Wirral Park Road, Glastonbury BA6 9XE

Tel: 01458 898030

Email: info@amournatural.co.uk

1.4 Emergency telephone number

01458 898030

Section 2: Hazards identification

2.1. Classification under CLP: Muta. 2: H341; Carc. 1B: H350; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Sens. 1: H317

Most important adverse effects: May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing genetic defects. May cause cancer. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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.

Hazard Pictograms:

GHS07: Exclamation mark

GHS08: Health hazard



Signal Word: Warning

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/fumes/gas/mist/vapours/spray.

P264: Wash hands and other contacted skin 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 water/soap.

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 advice/attention.

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

P337+313: If eye irritation persists: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P405: Store locked up.

P501: Dispose of contents/container to approved disposal site.

This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

EUGENOL

EINECS: 202-589-1

CAS: 97-53-0

CLP Classification: Eye Irrit. 2: H319; Skin Sens. 1: H317

Percent: 70-90%

CINNAMIC ALDEHYDE

Einecs: 203-213-9

CAS: 104-55-2

PERCENT: 1-10%

LINALOOL=3,7-DIMETHYLOCTA-1,6-DIENE-3OL

EINECS: 201-134-4

CAS: 78-70-6

PERCENT: 1-10%

SAFROLE

EINECS: 202-345-4

CAS: 94-59-7

CLP CLASSIFICATION: Carc. 1B: H350; Muta. 2: H341; Acute Tox. 4: H302
PERCENT:1-10%

BENZYL BENZOATE

EINECS: 204-402-9

CAS:120-51-4

CLP CLASSIFICATION: Acute Tox. 4: H302; Aquatic Chronic 2: H411

PERCENT: 1-10%

Section 4: First aid measures

4.1.

Skin contact: Wash well with water.

Eye contact: Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice.

Ingestion: Give a glass of water. Seek medical advice. Do not induce vomiting without medical advice.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

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

Skin /Eye contact: There may be irritation and redness.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media: Foam. Carbon dioxide. Vaporising liquids

5.2. Special hazards arising from the substance or mixture: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Moderate explosion hazard when exposed to flame.

5.3. Advice for fire-fighters: Containers close to fire should be removed or cooled with water. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

6.2. Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up: Contain spilled material with an inert or non-combustible inorganic absorbent material. Flush the area with water. Shovel into dry containers. Clean with detergent and water.

Section 7: Handling and storage

7.1. Handling requirements: Avoid contact with skin and eyes. Ensure there is sufficient ventilation of the area. Wash area with hot water and detergent

7.2. Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Store in a cool, well ventilated area. Keep away from sources of ignition. Protect from freezing and direct sunlight.

Section 8: Exposure controls/personal protection

8.1. Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
Hand protection: Use chemical resistant gloves
Eye protection: Safety goggles. Face-shield.
Skin protection: Protective clothing. Apron.

Section 9: Physical and chemical properties

9.1.
State: Liquid
Colour: Yellow-brown
Odour: spicy, clove-like.
Solubility in water: Insoluble
Boiling point/range°C: 235
Flash point°C: 87.78
Relative density: 1.04
Melting point/range°C: estimated-30°C
Vapour pressure: 12200 mPa @ 25°C

Section 10: Stability and reactivity

10.1. Chemical stability: Stable under normal conditions.
10.2. Hazardous reactions: Will not polymerise
10.3. Conditions to avoid: Heat. Flames. Sources of ignition.
10.4. Incompatible materials: Strong oxidising agents. Strong acids. Strong Alkalis.
10.5 Hazardous decomposition products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

Toxicity values:
ORAL- SPECIES: RAT- TEST: LD50- VALUE: 2650- UNITS: mg/kg
Hazardous ingredients:
SAFROLE
ORL- SPECIES: MUS- TEST: LD50- VALUE: 2350- UNITS: mg/kg
ORAL- SPECIES: RAT- TEST: LD50- VALUE: 1950- UNITS: mg/kg

BENZYL BENZOATE
ORL- SPECIES: MUS- TEST: LD50- VALUE: 1400- UNITS: µl/kg
ORL- SPECIES: RAT- TEST: LD50- VALUE: 1700- UNITS: µl/kg
SKN- SPECIES: RAT- TEST: LD50- VALUE: 4- UNITS: ml/kg

Relevant Hazards for Product:
Serious eye damage/irritation- Route: OPT- hazardous: calculated
Respiratory/skin sensitization- Route: DRM- hazardous: calculated
Germ cell mutagenicity- hazardous: calculated
Carcinogenicity- hazardous: calculated

Section 12: Ecological information

- 12.1. Ecotoxicity values: No data available.
- 12.2. Persistence and degradability: Readily biodegradable.
- 12.3. Bioaccumulative potential: Low potential to bioaccumulate.
- 12.4. Mobility in soil: Not determined.
- 12.5. This product is not identified as a PBT/vPvB substance.
- 12.6. Other adverse effects: Low toxicity for Algae, Honeybees, Earthworms, Aquatic invertebrates.

Section 13: Disposal considerations

- 13.1. Disposal operations:
Regulations for disposal generally vary according to location. Contact local waste disposal authority for advice or pass to chemical disposal company. Ensure compliance with local, state and federal regulations.
The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

This product does not require a classification for transport.

Section 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture: The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716)

Section 16: Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H302: Harmful if swallowed.

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>.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.