



MSDS- BERGAMOT

Compilation Date: 23/07/18

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

Product name: **Bergamot FCF Oil**

CAS: 89957-91-5

EINECS: 289-612-9

INCI NAME: CITRUS BERGAMIA PEEL OIL EXPRESSED

1.2 Use of substance / mixture: Flavour and Fragrance. Use in accordance with good manufacturing and industrial hygiene practices.

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: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; Asp. Tox. 1: H304; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; -: EUH208

Most important adverse effects: Contains (+-)-1-methyl-4-(1-methylvinyl)cyclohexene. May produce an allergic reaction. Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

2.2. Label elements

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

Hazard pictograms:

GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



Signal words: Danger

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground/Bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing vapour or dust.

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 gloves/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor. P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+351+338: 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.

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

P362: Take off contaminated clothing.

P391: Collect spillage.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

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

Section 3: Composition/information on ingredients

LINALYL ACETATE

EINECS: 204-116-4

CAS: 115-95-7

CLP CLASSIFICATION: Eye Irrit. 2: H319; Skin Irrit. 2: H315

PERCENT: 30-50%

D-LIMONENE

EINECS: 227-813-5

CAS: 5989-27-5

CLP CLASSIFICATION: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410

PERCENT: 30-50%

PIN-2(10)-ENE (BETA-PINENES)

EINECS: 204-872-5

CAS: 127-91-3

CLP CLASSIFICATION: Skin Irrit 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304

PERCENT: 1-10%

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

EINECS: 201-134-4

CAS: 78-70-6

CLP CLASSIFICATION: Eye Irrit. 2: H319; Skin Irrit. 2: H315

PERCENT: 1-10%

ALPHA-PINENE

EINECS: 201-291-9

CAS: 80-56-8

CLP CLASSIFICATION: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304

PERCENT: 1-10%

CITRAL

EINECS: 226-394-6

CAS: 5392-40-5

CLP CLASSIFICATION: Skin Irrit. 2: H315; Skin Sens. 1: H317

PERCENT: 1-10%

(+)-1-METHYL-4-(1-METHYLVINYLCYCLOHEXENE

EINECS: 231-732-0

CAS: 7705-14-8

CLP CLASSIFICATION: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400

PERCENT: <1%

NON- CLASSIFIED INGREDIENTS:

GAMMA-TERPINENE

CAS: 99-85-4

PERCENT: 1-10%

MYRCENE

CAS: 123-35-3

PERCENT: 1-10%

GERANYL ACETATE

CAS: 105-87-3

CLP CLASSIFICATION: Eye Irrit. 2: H319; Skin Irrit. 2: H315

PERCENT: <1%

BETA-CARYOPHYLLENE

EINECS: 201-746-1

CAS: 87-44-5

CLP CLASSIFICATION: Asp. Tox. 1: H304

PERCENT: <1%

ALPHA-TERPINENE

CAS: 99-86-5

PERCENT: <1%

PARA CYMENE

CAS: 99-87-6

PERCENT: <1%

Section 4: First Aid Measures

Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Eye contact: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

Skin contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion: Rinse mouth out with water. Seek medical advice **immediately**.

Other: When assessing action take Risk & Safety Phrases into account (Section 15)

Section 5: Fire Fighting Measures

5.1 Extinguishing media: Use CO₂, Dry Powder or Foam type Extinguishers, spraying recommended: extinguishing media to base of flames.

5.2 Exposure hazards: in combustion emits toxic fumes.

5.3 Advice for fire fighters: wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

Environment precautions: Keep away from drains, soils, surface & groundwaters.

Cleaning up methods Remove all potential ignition sources. Contain spilled material. Cover for spillages: with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

Section 7: Handling and Storage

7.1 Precautions in handling: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

7.2 Storage conditions: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

7.3 Fire protection: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

Section 8: Exposure Controls/ Personal Protection

Respiratory protection: Avoid breathing product vapour. Apply local ventilation where possible.

Ventilation: Ensure good ventilation of working area.

Hand protection: Avoid all skin contact. Use chemically resistant gloves if required.

Eye protection: Use safety glasses.

Work/Hygiene practices: Wash hands with soap & water after handling.

Section 9: Physical and Chemical Properties

Colour: Green to greenish yellow, sometimes with a deposit

Appearance: Mobile liquid

ODOUR: Pleasant fresh fruity.

Flash point °C: 52 - 59

Specific gravity @ 20°C: 0.870 to 0.888

Refractive index @ 20°C: 1.460 to 1.469

Solubility in vegetable oils: Soluble

Solubility in water: Insoluble

Section 10: Stability and Reactivity

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

Decomposition: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

Section 11: Toxicological Information

D-LIMONENE

ORL- MUS-LD50- 5600- mg/kg

ORL-RAT-LD50-4400- mg/kg

SCU- MUS- LD50- 3170- mg/kg

CITRAL

IPR-RAT-LD50-460-mg/kg

ORL-MUS-LD50-6-gm/kg

ORL-RAT-LD50-4960-mg/kg

Relevant Hazards

Skin corrosion- route DRM: hazardous calculated

Serious Eye damage/ irritation- route OPT: hazardous calculated

Respiratory/ skin sensitisation- route DRM: hazardous calculated

Section 12: Ecological Information

12.1 Ecotoxicity Values: no data available

12.2 Persistence and degradability: No data available

- 12.3 Bio-accumulative potential: No data available
- 12.4 Mobility in Soil: no data available
- 12.5 This product is not identified as a PBT/vPvB substance
- 12.6 Other Adverse effects: No data available

Section 13: Disposal Considerations

Avoid disposing to drainage systems and into the environment. Transfer to a suitable container and arrange for collection by specialised disposal company.

Section 14: Transport Information

UN 1993: applies
Road (ADR/RID): Class 3 Item 31c
Air (IATA): Class 3 Packing Gp III
Sea (IMDG): Code page 3142 3036-1, Class 3.3
CHIP: See section 15

Section 15: Regulatory Information According to Directive 88/379/EEC

Hazards: Irritant
Symbols: Xi
Risk Phrases: R10 Flammable liquid
R36/38 Irritating to eyes and skin
Safety Phrases: S24/25 Avoid contact with eyes and skin
S16 Keep away from sources of ignition.
A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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:

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer: 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.

