

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** BERGAMOT FCF ORGANIC**CAS number:** 8007-75-8**EINECS number:** 616-915-9**INCI name:** Citrus aurantium bergamia**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Flavour and Fragrance.**1.3. Details of the supplier of the safety data sheet****Company name:** Naissance

Unit 9 Milland Road

Industrial Estate

Neath

Neath Port Talbot

SA11 1NJ

Tel: 0800 0430 826**Email:** info@naissance.co.uk**1.4. Emergency telephone number****Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 2: H411**Most important adverse effects:** Causes skin irritation. May cause an allergic skin reaction. Very toxic to aquatic life. Flammable liquid and vapour. May be fatal if swallowed and enters airways. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H400: Very toxic to aquatic life.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

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

H411: Toxic to aquatic life with long lasting effects.

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Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental

GHS02: Flame

GHS08: Health hazard



Signal words: Danger

Precautionary statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

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

P302+352: IF ON SKIN: Wash with plenty of 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.

P321: Specific treatment (see instructions on this label).

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

D-LIMONENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	30-50%

LINALYL ACETATE

204-116-4	115-95-7	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-30%
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LINALOOL=3,7-DIMETHYLOCTA-1,6-DIENE-3OL

201-134-4	78-70-6	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-30%
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PIN-2(10)-ENE (BETA-PINENES)

204-872-5	127-91-3	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304	1-10%
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ALPHA-PINENE

201-291-9	80-56-8	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304	<1%
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Non-classified ingredients:

GAMMA-TERPINENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	99-85-4	-	-	1-10%

MYRCENE

-	123-35-3	-	-	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a doctor. Continue to rinse.

Ingestion: Rinse mouth and drink abundant water to dilute substance. Avoid vomiting. Risk of aspiration!

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention if any discomfort continues

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

Skin contact: May cause an allergic skin reaction

Eye contact: Not irritating

Ingestion: May be fatal if swallowed.

Inhalation: May be fatal if enters airways.

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

Immediate / special treatment: Immediate medical assistance: see point 4.1 Immediate/special treatment: see point 4.1 First aid specific means: eye wash fountain, safety shower should be available in the work area

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Foam. Carbon dioxide. Dry chemical powder. Cool containers with water

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. smoke soot

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5.3. Advice for fire-fighters

Advice for fire-fighters: 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

Personal precautions: For non emergency personel: in an emergency (ie unintentional important release of the product in enclosed space)respiratory protection (Gas filter A, colour code brown: consider the max duration for wear) must be worn. Use insulating devise for respiratory protection with an independant air supply in circumstances which are unclear - use adequate protection solvent resistant: security shoes, bodysuits, gloves, goggles. for emergency personel: as per non-emergency personel Eliminate all sources of ignition. Ensure adequate ventilation, especially in confined areas. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Keep away from heat and use non-conbustable absorbing sawdust (sand, specific binder).

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid spills, skin and eye contact. Adopt best manual handling considerations when handling, carrying and dispensing. Wear adequate protective gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep air contact to a minimum. Protect from freezing and direct sunlight.

Suitable packaging: Steel drums. Container: to be stored in stainless steel drums, preferably under inert atmosphere (nitrogen) with minimum head space, protected from day-light The container used during transportation must be considered only as a temporary container and it must not be considered in any case adequate for medium or long term warehousing

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7.3. Specific end use(s)

Specific end use(s): Use as odour/flavouring agent-the information of this section are not related to the use of the product in combination with any other material or any other process altering it's characteristics

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Where appropriate, use closed system to transfer and process this material - if appropriate, isolate mixing rooms and other areas. When openly handled maintain these areas under negative air pressure relative to the rest of the plant

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves. Wear suitable impervious gloves (EN 374) always use clean dry hands.

Eye protection: Protective goggles with built in frame tested to EN166 (should be checked regularly)

Skin protection: Protective clothing. Apron.

Environmental: Prevent from entering in public sewers or the immediate environment. Only eliminate by authorised companies

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow to yellow

Odour: Citrus, bergamot

Solubility in water: Insoluble

Boiling point/range°C: No data available.

Flash point°C: 57

Vapour pressure: No data available.

Melting point/range°C: No data available.

Autoflammability°C: No data available.

Relative density: 0.863-0.873

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions. Substance not reactive with water

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10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

D-LIMONENE

ORL	MUS	LD50	5600	mg/kg
ORL	RAT	LD50	4400	mg/kg
SCU	MUS	LD50	3170	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: May cause an allergic skin reaction

Eye contact: Not irritating

Ingestion: May be fatal if swallowed.

Inhalation: May be fatal if enters airways.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

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12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1169

14.2. UN proper shipping name

Shipping name: EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: EmS: F-E;S-D

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Section 15: Regulatory information

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

Specific regulations: 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

Chemical safety assessment: No additional data available.

Section 16: Other information

Other information

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: 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.
H411: 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.