

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: GRAPEFRUIT OIL

CAS number: 8016-20-4

EINECS number: 289-904-6

INCI name: Citrus paradisi

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Relevant uses: Odour agent/flavouring agent. Ingredient for Industrial manufacturing.

Uses advised against: Not for personal use in this form or concentration.

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

Most important adverse effects: Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

2.2. Label elements**Label elements:**

Hazard statements: 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.

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

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

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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 protective gloves/protective clothing/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.
P331: Do NOT induce vomiting.
P333+313: If skin irritation or rash occurs: Get medical advice/attention.
P362: Take off contaminated clothing.
P370+378: In case of fire: Use Foam, Dry Chemical or Carbon Dioxide to extinguish.
P391: Collect spillage.
P405: Store locked up.
P403+235: Store in a well-ventilated place. Keep cool.

2.3. Other hazards

Other hazards: Non hazardous

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Non-classified ingredients:

[cont...]

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(+)-1-METHYL-4-(1-METHYLVINYL)CYCLOHEXENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-732-0	7705-14-8	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	>90%

MYRCENE

-	123-35-3	-	-	1-10%
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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 with soap and water. Get medical attention if irritation continues

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.

Ingestion: Do not induce vomiting. Wash out mouth with water. Seek medical attention if any discomfort continues

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Get medical attention if any discomfort continues

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

Skin contact: Causes skin irritation May cause an allergic skin reaction

Eye contact: No data available.

Ingestion: May be fatal if swallowed.

Inhalation: May be fatal if enters airways.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: Eye wash fountain and safety shower should be available in the work area.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Dry chemical powder. Foam. Spray extinguishing media to base of flames

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for fire-fighters

Advice for fire-fighters: Avoid inhalation of vapours. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: In an emergency respiratory protection must be worn. (Gas filter A, colour code brown: consider the maximum duration for wear). Use insulating device for respiratory with an independent air supply in circumstances which are unclear. Use personal protective equipment. Eliminate all sources of ignition. Avoid inhalation of vapours.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Keep away from surface and ground water.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Contain spilled material with an inert or non-combustible inorganic absorbent material.
Dispose of in accordance with local regulations

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: Apply good manufacturing practice and industrial hygiene practices. Do not eat or drink.
Smoking is forbidden. Keep away from heat, sparks, open flames and hot surfaces.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool, well ventilated area. Keep away from sources of ignition. Protect from freezing and direct sunlight. intrusion into the soil to be avoided. Take precautions to avoid static discharges in working area

Suitable packaging: cool and well ventilated place. protect from freezing and direct sunlight Store in tightly sealed Containers

7.3. Specific end use(s)

Specific end use(s): Use as an odour agent /flavouring agent.

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: Ensure there is sufficient ventilation of the area. Use closed system to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant.

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Respiratory protection: No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Hand protection: Wear suitable protective clothing and impervious gloves (EN 374).

Eye protection: Face-shield. Safety goggles. 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.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless to dark yellow.

Odour: Citrus, grapefruit

Solubility in water: Insoluble

Also soluble in: Alcohol. Oils.

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flash point°C: 47

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 0.846

9.2. Other information

Other information: No additional data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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: Sources of ignition. High temperature near flash point.

10.5. Incompatible materials

Materials to avoid: Strong acids. Oxidising agents. Alkalis.

10.6. Hazardous decomposition products

Haz. decomp. products: Does not decompose with proper handling.

Section 11: Toxicological information

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11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	-	LD50	>5.0	g/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Causes skin irritation May cause an allergic skin reaction

Eye contact: No data available.

Ingestion: May be fatal if swallowed.

Inhalation: May be fatal if enters airways.

Delayed / immediate effects: No data available.

Other information: No additional data available.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Readily Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Very toxic to aquatic life with long lasting effects.

12.4. Mobility in soil

Mobility: This material is considered readily biodegradable, therefore simulation tests in surface water, sediment and soil are not required in accordance with column 2 of REACH Annex IX.

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: Do not discharge into the environment especially into waterways, sewers and the sea

Section 13: Disposal considerations

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13.1. Waste treatment methods

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

Recovery operations: No additional data available.

Disposal of packaging: No additional data available.

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

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: Not applicable

Section 15: Regulatory information

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

Specific regulations: The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716) Workplace Exposure Limits EH40. CHIP for everyone HSG(108). 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.

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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.

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.