



MSDS- GRAPEFRUIT

Compilation date: 09/01/17

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

Product name: Grapefruit oil

CAS: 8016-20-4

EINECS: 289-904-6

INCI NAME: citrus paradisi

1.2 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 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; 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

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

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.

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

Section 3: Composition/information on ingredients

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

EINECS:231-732-0

CAS:7705-14-8

CLP Classification: 6; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400
Percent: >90%

MYRCENE
CAS: 123-35-3
Percent: 1-10%

Section 4: First Aid Measures

Inhalation: Remove from exposure site to fresh air. Obtain medical attention if discomfort continues.
Eye contact: Rinse immediately with plenty of water for at least 15 mins. Remove contact lenses if present and easy to do so. Consult a doctor.
Skin contact: Remove contaminated clothes, unless stuck to skin. Wash thoroughly with soap & water. If irritation persists, seek medical advice.
Ingestion: Do not induce vomiting. Rinse mouth out with water. Seek medical advice if discomfort continues.

Most important symptoms and effects, acute and delayed: Cause skin irritation/ allergic reaction, may be fatal if swallowed or inhaled.

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

Section 6: Accidental Release Measures

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.
Environmental Procedures: Do not discharge into drains or rivers. Keep away from surface and ground water.
Clean-up procedures: Contain spilled material with an inert or non-combustible inorganic absorbent material. Dispose of in accordance with local regulations.

Section 7: Handling and Storage

7.1 Precautions in handling: 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 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.

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

Use as a odour/ flavouring agent

Section 8: Exposure Controls/ Personal Protection

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.

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

State: Liquid

Colour: Colourless to dark yellow

Odour: Citrus, grapefruit

Solubility in water: Insoluble

Also soluble in: Alcohol, oils.

Flash point °C : 47

Relative density: 0.846

Section 10: Stability and Reactivity

Stable under recommended transport and storage conditions. Avoid sources of ignition and high temperatures near flash point. Also avoid strong acids, oxidising agents and alkalis. Does not compose with proper handling.

Section 11: Toxicological Information

Route ORAL- Test LD50- Value >5.0- units g/kg

Relevant hazards

Skin corrosion/irritation- route DRM: hazardous calculated

Respiratory/ skin sensitisation- route DRM: hazardous calculated

Aspiration hazard: hazardous calculated

Section 12: Ecological Information

12.1 Ecotoxicity Values: no data available

12.2 Persistence and degradability: Readily biodegradable

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

12.4 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.

Other adverse effects: Do not discharge into the environment especially into waterways, sewers and the sea.

Section 13: Disposal Considerations

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

Section 14: Transport Information

UN number: UN1169

Shipping name: Extracts, aromatic, liquid

Transport class: 3

Packing group: III

Tunnel code: D/E

Environmentally hazardous not a marine pollutant.

Section 15: Regulatory Information

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.

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:

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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.