

Safety Data Sheet

According to 1907/2006/EC, Article 31
Printing date 22.06.2010 Revision: 22.06.2010

Product Details

Trade name: GRAPEFRUIT OIL

Article number: AT 028

Application of the substance / the preparation Multi uses

Supplier:

Ellisons

43 Bayton Road

Exhall

Coventry

CV7 9EF

02476361619

. Further information obtainable from: Department Essential Oils

Hazard description:

Xi Irritant

N Dangerous for the environment

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 10 Flammable.

R 38 Irritating to skin.

R 43 May cause sensitisation by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Chemical characterization:

CAS No. Description

8016-20-4 Grapefruit oil

Identification number(s)

EINECS Number: 289-904-6

Chemical characterization

Description: NCS (UVCB) Constituents Information

Hazardous components:

CAS: 5989-27-5

EINECS: 227-813-5

(R)-p-mentha-1,8-diene

Xi, N; R 10-38-43-50/53

50-100%

CAS: 123-35-3

EINECS: 204-622-5

7-methyl-3-methylenoocta-1,6-diene

Xn; R 10-65

≤ 2.5%

CAS: 80-56-8

EINECS: 201-291-9

pin-2(3)-ene

Xn, Xi, N; R 10-43-50/53-65

≤ 2.5%

CAS: 5392-40-5

EINECS: 226-394-6

Citral

Xi; R 38-43

≤ 2.5%

First Aid Measures:**After inhalation:**

Supply fresh air and if irritation persists seek medical advice immediately. In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water.

After swallowing:

Consult medical advice. Do not give milk or fatty oils. Do Not induce vomiting.

Fire Measures:

Suitable extinguishing agents:

CO₂, sand, extinguishing powder. Do not use water.

CO₂, powder, foam

For safety reasons unsuitable extinguishing agents:

Water

Water with full jet

Special hazards caused by the substance, its products of combustion or resulting gases:

Carbon monoxide (CO)

Protection Measures:

Protective equipment: No special measures required.

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

Handling Measures:

Information for safe handling: Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Storage Measures:

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed.

Store in the dark.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

Personal protective equipment: Gloves, aprons

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the skin and eyes.

Respiratory protection: Not required.

Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

General Information:

Form: Liquid

Colour: According to product specification

Odour: Characteristic

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

Flash point (Pensky Martens DIN 51 758 method): 49°C

Self-igniting: Product is not self-igniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Density: Not determined.

Solubility in / Miscibility with water: Not miscible or difficult to mix.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

Primary irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eye: No irritating effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU

Classification Guidelines for Preparations as issued in the latest version: Irritant

Sensitisation: May cause sensitisation by prolonged skin contact.

Ecotoxicological effects:

Remark: Very toxic for fish

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Also poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms

Product Recommendation For Disposal Measures:

Must Not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

Land transport ADR/RID (cross-border):

ADR/RID class: 3 (F1) Flammable liquids.

Danger code (Kemler): 30

UN-Number: 1169

Packaging group: III

Hazard label 3

Special marking: Symbol (fish and tree)

Description of goods: 1169 EXTRACTS, AROMATIC, LIQUID (not viscous)

Tunnel restriction code D/E

Maritime transport IMDG:

IMDG Class: 3

UN Number: 1169

Label 3

Packaging group: III

EMS Number: F-E,S-D

Marine pollutant: Yes - Symbol (fish and tree)

Proper shipping name: EXTRACTS, AROMATIC, LIQUID

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 3

UN/ID Number: 1169

Label 3

Packaging group: III

Proper shipping name: EXTRACTS, AROMATIC, LIQUID

Environmental hazards:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID; Marine pollutant

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Code letter and hazard designation of product: Xi Irritant

N: Dangerous for the environment

Hazard-determining components of labelling: (R)-p-mentha-1,8-diene

Risk phrases:

10: Flammable.

38: Irritating to skin.

43: May cause sensitisation by skin contact.

50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

24: Avoid contact with skin.

37: Wear suitable gloves.

43: In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

57: Use appropriate container to avoid environmental contamination.

60: This material and its container must be disposed of as hazardous waste.

Relevant R-phrases:

10: Flammable.

38: Irritating to skin.

43: May cause sensitisation by skin contact.

50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65: Harmful: may cause lung damage if swallowed.

Department issuing MSDS: Department Essentials Oils

Data compared to the previous version altered.