



the power
of nature!

Absolute Aromas Limited
4 Riverwey, Newman Lane,
Alton, Hampshire, GU34 2QL
Phone: +44 (0) 1420 540 400 Fax: +44 (0) 1420 540 401
relax@absolute-aromas.com Web: www.absolute-aromas.com

MATERIAL SAFETY DATA SHEET

Grapefruit Oil (Organic)

1. Product Name and Company Identification

Product Name: Grapefruit Oil (Organic)
Bulk Code: BOR008
Company Name: Absolute Aromas Limited
Company Address: 4 Riverwey, Newman Lane, Alton, Hampshire, GU34 2QL, United Kingdom
Emergency Telephone No: +44(0) 1420 540400

2. Composition/ information on Ingredients

Chemical Identity: CAS: 8016-20-4
Composition: Grapefruit Oil 100%
INCI Name: Citrus Paradisi Peel Oil

This is a volatile oil expressed from the peel of the Grapefruit.
Naturally Occurring in this oil are Citral, Limonene and Linalool.

3. Hazards Identification

Hazardous Status: Hazardous

Routes of Entry: Eyes, Skin, Ingestion and inhalation.
Eye Contact: Irritation may occur
Skin Contact: Irritation may occur with prolonged or repeated exposure
Ingestion: Not Known
Inhalation: Not Known

4. First Aid Measures

Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Skin Contact: Rinse with running water. Remove contaminated clothing.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

Note: Grapefruit oil is non – toxic, non – irritant, non- sensitizing and although listed as non-phototoxic, it can irritate the skin if exposed to strong sunlight after treatment.

5. Fire Fighting Measures

Extinguishing Media: Normal extinguishers can be used (CO₂, powders, foams, halogens).

Note: Do not use direct water Spray!

Auto ignition Temperature: N/A

Hazardous Combustion Products: Oxides of Carbon

Special Fire Fighting Procedures: Wear protective clothing to prevent inhalation and contact with the skin and eyes.

6. Accidental Release Measures

| | |
|----------------------------|---|
| Personal Precautions: | Wear suitable clothing when handling this product. |
| Environmental Precautions: | Contain the leak with earth or sand. Prevent the product from entering drains and sewers; if this cannot be done advise the local authority. |
| Clean up Procedure: | Remove any source of flame or sparks, Ventilate the area, Absorb onto an inert absorbent substrate and sweep up. Wash area with soap and water. |
| Prohibited Materials: | Oxidising substances. |

7. Handling and Storage

| | |
|-------------------------|--|
| Handling: | Avoid spillage and eye contact. Goggles and gloves recommended. |
| Ventilation: | Good general ventilation required, especially if the product is being used in large qty's. |
| Storage Conditions: | Store in a cool dry location, in a sealed dark container. |
| Incompatible materials: | Store away from oxidizing substances.e.g. Bleach. |
| Container materials: | Stainless steel for bulk storage or glass for small quantities. |

8. Exposure Control/ Personal Protection

| | |
|------------------------|--|
| Precautions: | Essential oils are highly concentrated liquids that can be harmful if not used carefully. Use good personal hygiene practices, limit exposure to the product whenever possible and Wash all items that come into contact with the product before and after each use. |
| Engineering Control: | None. |
| Control Limits: | Prolonged exposure to essential oils can cause headaches, nausea and a general feeling of uneasiness; ensure adequate ventilation, drink plenty of water and take frequent breaks. Vary oils to reduce the chance of acquiring a sensitivity reaction. |
| Personal Protection | |
| Respiratory: | Not needed under normal conditions of use in a well ventilated area. |
| Eye Protection: | Goggles or face shield should be worn. |
| Skin/ Body Protection: | Lab coats and gloves should be worn. Slip proof shoes may be worn where spills may occur. |
| Other: | Evaluate need of protection based on the application of the product. |

9. Physical & Chemical Properties

| | |
|------------------------|----------------------------------|
| Physical State: | Mobile Liquid |
| Odour: | Characteristic of the Grapefruit |
| Colour: | Yellow to Orange |
| PH Level: | |
| Boiling Point: | N/A |
| Flash Point: | 44°C. |
| Auto flammability: | N/A |
| Explosive properties: | N/A |
| Oxidizing Properties: | N/A |
| Melting Point: | N/A |
| Specific Gravity: | 0.852-0.860 g/cm ³ |
| Vapour Pressure mm: | Not reported. |
| Evaporation rate: | N/A |
| Solubility in water: | Insoluble |
| Solubility in solvent: | Soluble |

10. Stability and Reactivity

This oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after twelve months.

Conditions to avoid: Direct sunlight/ hot environment.

Materials to avoid: Oxidizing agents.

Polymerisation Hazard: None.

Hazardous decomposition products: None.

11. Toxicological information

General: Product is non-toxic

Acute LD50: >5g/Kg

Carcinogenicity: Not carcinogenic

Mutagenicity: No Data Available

12. Ecological information

Biodegradability: Biodegradable

Precautions: Prevent surface contamination of soil, ground and surface water.

13. Disposal considerations

Recover the product where possible or bury in authorised landfill sites according to local authority regulations. Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. Transport information

UN Number: UN 1169

Road: ADR/RID:3.2.

Rail: IMDG 3

Air: IATA: Class 3 Packing Group III

Sea: IMDG: Class 3

15. Regulatory information

Labels for Conveyance: Xn. R10. Flammable Liquids

Labels for Supply: Xn. R10.R22.R38.R65.S62

16. Other information

Whilst Absolute Aromas Ltd gives the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.

These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data.

Safety information is under continuous review.