



Absolute Aromas Limited  
2 Grove Park  
Mill Lane  
Alton  
Hampshire  
GU34 2QG  
Phone: +44 (0) 1420 540 400  
Fax: +44 (0) 1420 540 401  
Email: [oils@absolute-aromas.com](mailto:oils@absolute-aromas.com)

**MATERIAL SAFETY DATA SHEET FOR**  
**Organic Bergamot Oil**  
*Citrus Bergamia, Product Reference OR001*  
*EINECS CAS 89957-91-5 USA CAS 8007-75-8*

---

**1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:**

This is a natural Essential Oil produced by cold expression of the fruit. The principal constituents are  $\alpha$ -Pinene,  $\beta$ -Pinene, d-Limonene and terpene waxes. Linalool, Geraniol and Linalyl Acetate are also present. The oil also contains approx 0.3 - 0.5% bergaptene and is, therefore, phototoxic. The oil is classified as hazardous and is phototoxic.

**2. HAZARDOUS IDENTIFICATION:**

This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The Hydrocarbon content is 55%.

**3. FIRST AID PROCEDURES:**

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

**4. FIRE FIGHTING PROCEDURES:**

Suitable Extinguishers:	Normal extinguishers can be used (CO <sub>2</sub> , powders, foams, halogens).
Unsuitable Extinguishers:	Direct water jet.
Fire Hazard:	Products of combustion – Oxides of Carbon.

**5. ACCIDENTAL RELEASE PROCEDURES:**

Safety Clothing:	Wear clothing suitable for an emergency.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

**6. HANDLING & STORAGE PROCEDURES:**

Handling:	Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation:	Good general ventilation required.
Storage Conditions:	Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

**7. EXPOSURE CONTROL/PERSONAL PROTECTION:**

Respiratory:	Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection:	Wear gloves.
Eye Protection:	Wear goggles
Skin Protection:	Wear suitable protection clothing

#### 8. PHYSICAL & CHEMICAL PROPERTIES:

Appearance:	Mobile Liquid.
Odour:	Citrus Cologne.
Colour:	Dark Green.
Solubility:	a. Solvent – Soluble
	b. Alcohol – Soluble
	c. Water – Insoluble
Boiling Point:	Not reported.
Flash Point:	50°C. C.O.C.
Specific Gravity:	20°C 0.865 – 0.875.
Vapour Pressure mm:	Not reported.

#### 9. REACTIVITY & STABILITY:

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

Synergistic Reaction:	Not reported.
Materials to avoid:	Oxidizing agents.
Polymerisation Hazard:	None.

#### 10. TOXICOLOGICAL INFORMATION:

##### *Hazardous Effects*

Inhalation:	Non Hazardous.
Skin Contact:	Harmful. Phototoxic.
Eye Contact:	Irritant.
Ingestion:	Harmful if swallowed.

#### 11. ECOLOGICAL DATA

This is a degradable product, however, do not release directly into the environment.

#### 12. DISPOSAL METHODS:

Recover the product where possible or bury in authorised landfill sites according to local authority regulations.

#### 13. TRANSPORT REGULATIONS:

Road:	Xn - Hazardous
Rail:	Xn - Hazardous
Air:	Xn - Hazardous
UN-No:	1169
Proper Shipping Name:	Extracts, Aromatic, Liquid
IMDG Class:	3
Packing Group	III

#### 14. REGULATORY INFORMATION:

Labels for Conveyance:	Xn - Harmful
Labels for Supply:	Xn. R10. R21. R22. R65. S62.

#### 15. FURTHER INFORMATION:

**Whilst Absolute Aromas Ltd give 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.**