

BERGAMOT ESSENTIAL OIL

Product Name

Bergamot Essential Oil

Supplier

Just a Soap
South East Lodge
Rede Road
Whepstead
Bury St Edmunds
IP29 4ST
01284 735043

Composition/Ingredients Information

Definition: Obtained by pressing the peels of the unripe fruits of *Citrus aurantium* L. subsp. *Bergamia* (Risso et Poit), followed by rectification, to produce an oil that is free from furanocoumarins.

CAS number: 8007-75-8

EINECS number: 89957-91-5

EC No: 289-612-9

Country of origin: Italy

Status: Natural

INCI: *Citrus aurantium Bergamia* (Bergamot) Fruit Oil

Application: aromatherapy, skincare etc.

Hazards Identification

R10 flammable.

Xi irritant.

First Aid Measures

Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Eye contact: flush immediately with plenty of cold water for at least 15 minutes. Contact a doctor if symptoms persist.

Skin contact: Remove contaminated clothes. Wash thoroughly with soap and water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion: Rinse mouth out with water. Seek medical advice immediately..

Other: when assessing action take Risk and Safety Phrases into account.

Fire Fighting Measures

Extinguishing media: carbon dioxide, dry chemical, foam.

Unsuitable extinguishers: water jet.

Protective clothing: fire fighters should wear protective clothing and approved respirator.

Hazards: avoid inhalation of fumes.

Accidental Release Measures

Personal precautions: Avoid inhalation and direct contact with skin and eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

Spillage: Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.

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Environment precautions: keep away from drains, soils, surface and groundwaters.

Handling & Storage

Handling: apply good manufacturing practice and industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Storage: Store in tightly closed original container in a cool, dry and ventilated area away from heat sources and protected from light. Keep air contact to a minimum. Avoid plastic and uncoated metal containers.

Fire protection: keep away from ignition sources and naked flames.

Exposure Controls/Personal Protection

Respiratory protection: Avoid breathing concentrated product vapour.

Ventilation: ensure good ventilation of working area.

Skin protection: avoid skin contact. Use chemically resistant gloves if required.

Eye protection: use safety glasses.

Physical & Chemical Properties

Odour: pleasant fresh fruity.

Colour: green to greenish yellow, sometimes with a deposit.

Appearance: mobile liquid.

Specific gravity @ 20° C: 0.870-0.888

Refractive index @ 20° C: 1.460-1.469

Flash point: 52-59° C.

Stability & Reactivity

Reactivity: presents no significant reactivity hazard by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

Decomposition: carbon monoxide and unidentified organic compounds may be formed during combustion.

Toxicological Information

Not a skin sensitiser. Opdyke DJ (1979) explained the phototoxic effects of Bergamot Oil were due to furanocouarin content (FCT 11, 1031). LD50 Oral: Rat > 5/kg

Ecological Information

Biodegradability: n/a

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

Disposal Considerations

Avoid excessive disposal to drainage systems and into the environment. Seek expert advice. Observe specific local regulations.

Transport Regulations

UN 1993: applies.

Road (ADR/RID): Class 3 item 31c

Air (IATA): Class 3 packaging GP III

SEA(IMDG): Code page 3142 3036-1, Class 3.3

CHIP: see next section.

Regulatory Information. According to Directive 88/379/EEC

Classification packaging/labelling (directive 1999/45/EC)

Hazard symbol: Xi, irritant.

Risk phrases: R10 flammable liquid.

R36/38, irritating to eyes and skin.

Safety phrases: S24/25 in contact with eyes and skin.

S16, keep away from sources of ignition; no smoking.

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Other Information

Cosmetics Directive 7th Amendment: restrictions may apply. A source of Citral, Limonene and Linalool, listed as sensitisers. Check maximum usage levels for skin care products.

Packaging: glass, lacquer lined steel/tin, aluminium and F/HDPE.

The information contained herein is accurate to the best of our knowledge.

No liability can be accepted arising out of the use, application or processing of this product.

It is the users responsibility to determine safe conditions for the use of this material.

Shelf Life

Maximum 36 months when stored within advised conditions from date of manufacture.

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