



BASIL ESSENTIAL OIL
Material Safety Data Sheet

Product Name

Basil Oil

Supplier

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

Composition/Ingredients Information

Chemical characterisation: Volatile oil obtained by steam distillation of the flowering tops and leaves of *Ocimum basilicum* Linne (Fam. Labiatae).

CAS number: 8015-73-4

EC No: 283-900-8.

INCI: *Ocimum basilicum* (Basil) Oil

Hazards Identification

Classification: (1999/45)

Xn, harmful.

R22, harmful if swallowed. Carc Cat 3

R40, limited evidence of carcinogenic effect. Muta Cat 3

R68, possible risk of irreversible effects.

R43, may cause sensitisation by skin contact.

R52/53 toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

First Aid Measures

General information: remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.

Inhalation: may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

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

Ingestion: if necessary rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

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

Ingestion:..

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

Fire Fighting Measures

Extinguishing media: carbon dioxide, dry chemical, foam.

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Special Fire Fighting Procedures: containers close to fire should be removed or cooled with water.

Specific hazards: when heated and in case of fire, toxic vapours/gases may be formed.

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.

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 away from heat, sparks and open flame. Protect from freezing and direct sunlight.

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

Colour: light or pale yellow.

Appearance: mobile liquid

Odour: characteristic.

Relative density: 0.895-0.955 @ 20 deg C

Refractive index: 1.477-1.515 @ 20 deg C

Flash point: 75 deg C.

Stability & Reactivity

Stability: stable under normal temperature conditions.

Conditions to avoid: avoid heat, flames and other sources of ignition.

Hazardous Polymerisation: will not polymerise.

Materials to avoid: strong oxidising substances. Strong acids. Strong alkalis.

Hazardous decomposition products: in case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

Toxicological Information

See section 2.

General information: no specific health warnings noted.

Inhalation: in high concentrations, vapours may irritate throat and respiratory system and cause coughing.

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Ingestion: no specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

Skin Contact: no specific health warnings noted.

Eye contact: Spray and vapour in eyes may cause irritation and smarting.

Health warnings: no specific health warnings noted.

Medical symptoms: no specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Medical considerations: persons with rash are directed to skin expert for examination of allergic eczema.

Ecological Information

General: this material is unlikely to accumulate in the environment and environmental problems under normal use conditions are unexpected.

Disposal Considerations

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

Transport Regulations

This product is not covered by international regulation on transport of dangerous goods (IMDG, IATA, ADR/RID)

Regulatory Information. According to Directive 88/379/EEC

EU Directives:

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.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) regulations 2009(S.I 2009 No 716).

Approved code of practice:

Classification and Labelling of substances and preparations dangerous for supply.

Guidance notes

Workplace exposure limits EH40.

Shelf Life

Minimum 36 months when stored within advised conditions.

This information relates only to the specific product designated and may not be valid for such product used in combination with any other materials or processes. Such information is, to the best of Just A Soap's knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility



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to satisfy themselves as to the suitability of such information for their own particular use.