

MATERIAL SAFETY DATA SHEET
EVENING PRIMROSE OIL



1. Identification of Substance, Preparation and Company

Product Name: Evening Primrose Oil

Company Name: Bathbomb.biz limited
Company Address: 37 Worting Road
Basingstoke
Hampshire
RG21 8TZ

Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

Definition / Botanical Origin: A golden yellow oil extracted from Evening Primrose seed by a combination of cold pressing and low temperature solvent extraction followed by refining.

CAS No: 68956-68-3
Status: Natural
IFRA: Not restricted
Application:
RIFM:
EINECS: 273 313 5
Tarriff Number: 1515 90 99 91
INCI Name: *Oenothera Biennis Oil*

3. Hazards Identification

- Concentrated product, observe good housekeeping procedures.

4. First Aid Measures

Inhallation: No vapours present at normal temperatures.

Eye Exposure: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

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

Ingestion: Not considered dangerous. Edible quality.

Others: Take Risk and Safety phrases (section 15) into consideration.



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5. Fire Fighting Measures

Extinguishing Media Recommended: Use CO₂, Dry Powder or Foam Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Special Measures: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

Extinguishing Procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

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

Environmental precautions: Keep away from drains, soils, surface & ground waters.

Cleaning up methods for spillages: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe local disposal regulations.

7. Handling and Storage

Precautions in handling: Apply good manufacturing and industrial hygiene practices ensuring proper ventilation. Do not drink, eat or smoke while handling. Observe good personal hygiene.

Storage conditions: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

Fire protection: Keep away from ignition sources and naked flame. Take precautions to avoid static discharges in working area.

8. Exposure Controls / Personal Protection

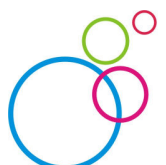
Respiratory protection: No special measures under normal conditions.

Ventilation: Ensure good ventilation of working area.

Hand protection: No special measures under normal conditions.

Eye protection: Wear safety glasses if there is a risk of splashing.

Work/Hygiene practices: Wash hands with soap & water after handling.



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9. Physical and Chemical Properties

Colour / Appearance:	Golden yellow liquid
Odour:	Free from rancid and foreign odours
Acid Value (% as Oleic)	1.0 maximum
Peroxide Value meq/kg oil	5 maximum
Iodine Value	150 – 165
Unsaponifiable Matter	1.5% maximum
Colour Lovibond 5.25" Cell	2.5 Red maximum 25 Yellow maximum
Saponification Value	180 - 200

Typical Fatty Acid Profile:

C16:0	PALMITIC ACID	5.0 – 7.0
C16:1	PALMITOLEIC ACID	0.5 maximum
C18:0	STEARIC ACID	1.0 – 3.0
C18:1	OLEIC ACID	5.0 – 11.0
C18:2	LINOLEIC ACID	66.0 – 76.0
C18:3	ALPHA LINOLENIC ACID	0.5 maximum
C18:3	GLA	9.0 minimum
C20:0	ICOSANOIC	1.0 maximum
C20:1	ICOSENOIC	1.0 maximum
C22:0	DOCOSANOIC	0.5 maximum
C24:0	TETRACOSENOIC	0.5 maximum



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Allergen (Skin Contact):

AMYL CINNAMAL (CAS NO: 122-40-7)	N
BENZYL ALCOHOL (CAS NO: 100-51-6)	N
CINNAMYL ALCOHOL (CAS NO: 104-54-1)	N
CITRAL (CAS NO: 5392-40-5)	N
EUGENOL (CAS NO: 97-53-0)	N
HYDROXY-CITRONELLAL (CAS NO: 107-75-5)	N
ISOEUGENOL (CAS NO: 97-54-1)	N
AMYL CINNAMYL ALCOHOL (CAS NO: 101-85-9)	N
BENZYL SALICYLATE (CAS NO: 118-58-1)	N
CINNAMAL (CAS NO: 104-55-2)	N
COUMARIN (CAS NO: 91-64-5)	N
GERANIOL (CAS NO: 106-24-1)	N
HYDROXY-METHYLPENTYCYCLOHEXENECARBOXALDEHYDE (CAS NO: 31906-04-4)	N
ANISYL ALCOHOL (CAS NO: 105-13-5)	N
BENZYL CINNAMATE (CAS NO: 103-41-3)	N
FARNESOL (CAS NO: 4602-84-0)	N
2-(4-TERT-BUTYBENZYL) PROPIONALDEHYDE (CAS NO: 80-54-6)	N
LINALOOL (CAS NO: 78-70-6)	N
BENZYL BENZOATE (CAS NO: 120-51-4)	N
CITRONELLOL (CAS NO: 106-22-9)	N
HEXYL CINNAMALDEHYDE (CAS NO: 101-86-0)	N
D-LIMONENE (CAS NO: 5989-27-5)	N
METHYL HEPTIN CARBONATE (CAS NO: 111-12-6)	N
3-METHYL-4-(2, 6, 6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE (CAS NO: 127-51-5)	N
TREE MOSS EXTRACT (CAS NO: 90028-67-4)	N
OAK MOSS EXTRACT (CAS NO: 90028-68-5)	N



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Allergen (Ingestion):

Cereal containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridized strains) and products thereof	N
Crustaceans & products thereof	N
Eggs & products thereof	N
Fish & products thereof	N
Peanuts & products thereof	N
Soybeans & products thereof	N
Milk & products thereof	N
Nuts (i.e. Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nut) and Products thereof	N
Celery & products thereof	N
Mustard & products thereof	N
Sesame seeds & products thereof	N
Sulphur dioxide & sulphites at concentrations > 10 mg/kg or 10 mg/litre	N

10. Stability and Reactivity

Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition:	None (thermal decomposition products are H ₂ O and CO ₂)

11. Toxicological Information

Not irritant. No evidence of hypersensitivity on skin contact and harmless if inhaled or ingested.

LD/LC50 Value	Not tested on animals
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12. Ecological Information

Biodegradability:	Readily biodegradable
Precautions:	Prevent surface contamination of soil, ground & surface water.

13. Disposal Considerations

- Dispose of according to local regulations
- Avoid disposing into drainage systems and into the environment



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14. Transport Information

Road (ADR/RID):	Not applicable
Air (IATA):	Not applicable
Sea (IMDG)	Not applicable
CHIP:	See section 15

15. Regulatory Information (According to Directive 88/379/EEC)

Hazards:	Not applicable
Symbols:	Not applicable
Risk Phrases:	Not applicable
Safety Phrases:	Not applicable

16. Other Information

Cosmetics Directive 7th Amendment: Not restricted

16.1. Packaging

Type	Suitability
Glass:	Yes
Lacquer lined steel / tin:	Yes
Aluminium:	Yes
HDPE:	Yes
F/HDPE:	Yes
Other plastic:	Yes

16.2. Shelf Life

When stored within advised conditions, re-test after 12 months and then at 6 monthly intervals up to a maximum life of 24 months.



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16.3. QC Requirements

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .

