

EVENING PRIMROSE OIL MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

G. Baldwin & Co.
173 Walworth Road,
LONDON, ENGLAND. SE17 1RW.
Telephone: +44 (0) 207 703 5550 Fax: +44 (0)207 252 6264
E-mail: info@baldwins.co.uk
Web: www.baldwins.co.uk

Emergency tel: +44 (0) 207 703 5550
(office hours only)

2 - Composition and information on ingredients:

The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU guideline 548/67 and further amendments, nor to those having recognised exposition limits.

Inci Name: Oenothera Biennis (Evening Primrose) Oil
Chemical composition: Oenothera Biennis Oil is the fixed oil derived from the seeds of the evening primrose, Oenothera biennis, Onagraceae and refined. It consists primarily of the glycerides of the fatty acids.

CAS No: 90028-66-3
EINECS No: 289-859-2
Functions: Emollient

3 - Hazards identification:

Non hazardous

4 - First aid measures:

Skin contact: Wash with water and soap

Eye contact: Flush with water

Ingestion: Edible, food grade

5 - Fire - Fighting measures:

Extinguishing media: Carbon dioxide, foams, inert powder

Extinguishing media to avoid: Direct sprays of water

Special exposure hazards: Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety.

Protection against fire: Standard measures in line with fire safety regulations.

6 - Accidental release measures:

Spillage on soil: Use a solid absorbent and /or wash floors with detergent. May cause slip on floors. If solidified, shovel into containers marked for disposal.

Spillage on water: Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Disposal according to UK/EU Environmental regulations.

7 - Handling and storage:

At times oil-soaked materials may spontaneously combust. No special precautions for safety reasons necessary.

8 - Exposure controls and personal protection:

No special personal protective equipment required.
Protective gloves and goggles when handling hot oil.

9 - Physical data and chemical properties:

Form: Liquid at room temperature
Odour: Slight odour, typical of evening primrose oil.
Colour: Dark green oily liquid
pH: Neutral
Boiling point (°C): >100
Density at 20 °C: 0.910 - 0.930
Hydrosolubility: Insoluble
Liposolubility: Soluble in vegetable oils

10 - Stability and Reactivity:

Conditions to avoid: High temperature near flash point
Materials to avoid: Strong oxidising agents
Hazardous decomposition products: Acrolein at extreme heating
Hazardous reactions: Polymerisation not likely to occur
Shelf Life: Min 12 months when stored in nitrogen flushed containers

11 - Toxicological information:

Non toxic product - pharmaceutical use – food grade

12 - Ecological information:

Readily biodegradable

13 - Disposal considerations:

Residue for disposal: According to local regulations.
Waste packing: Observe local regulations.

14 - Transport information:

Not dangerous product
Classification: Not classified in RID/ADR/IMDG

15 - Regulatory information:

In compliance with the requirements in the current Cosmetic Directives 67/548
EEC et 1999/45/CE

16 - Other information:

Q.C. 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 it's' 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.



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