EVENING PRIMROSE SAFETY DATA SHEET

| MATERIAL & SUPPLY COMPANY IDENTIFICATION |
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## Product Identifiers

| Product Name: | Evening Primrose Oil |
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| Biological Definition: | 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 Number.:  EC Number:  EINECS Number | 90028-66-3 289-859-2  289-859-2 |

## Relevant identified uses of the substance or mixture

Component of:food, animal food, cosmetics, pharmaceutical products

## Supplier Details

| Supplier: | Heirloom Body Care Pty Ltd |
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| Address: | Unit 9, 28 Coombes Drive Penrith NSW 2750 Australia |
| Telephone: | 02 4722 2123 |
| Fax | 02 4722 2904 |

## Information in case of emergency

| Poisons Information Centre | 13 11 26 |
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| HAZARD IDENTIFICATION |
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## Classification of the substance / preparation

Not classed as a hazardous substance

**Classification (EC 1272/2008)**

Not classed as a hazardous substance

**2.2 Label Elements**

**Label in accordance with (EC) No 1272/2008**

None

Signal Word None

Contains Contains no hazardous substances

Hazard Statements None

Precautionary Statements None

Supplementary Precautionary Statements None

**2.3 Other Hazards**

PBT or vPvB according to Annex XIII No additional data available.

Adverse physio-chemical properties No additional data available.

Adverse effects on human health No additional data available.

| PRODUCT COMPOSITION |
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## 100% Oenothera Biennis Oil - not classed as a hazardous product

| FIRST AID |
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## Description of first aid measures

| **Eye Contact:** | Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.. |
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| **Skin Contact:** | Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues. |
| **Inhalation:** | Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues |
| **Ingestion:** | Edible, food grade so no adverse effects expected. Seek medical attention if any discomfort occurs. |

## Indication of immediate medical attention and any special treatment required

No additional data available

* 1. Indication of any immediate medical attention and special treatment needs

None

| FIRE FIGHTING MEASURES |
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## Extinguishing Media

Extinguishing media: Carbon dioxide (CO2). Dry Chemical Powder. Foam.  
Unsuitable extinguishing media: Do not use direct water jet burning material.

## Special hazards arising from the substance or mixture

Fine oil mists may be hazardous. On extreme long heating at high temperatures, gaseous components of Acrolein may occur.

## Advice for firefighters

Standard measures in line with fire safety regulations.

| ACCIDENTAL RELEASE MEASURES |
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## Personal precautions, protective equipment and emergency procedures

Avoid contact with skin eyes and clothes. Note that spillages constitute a slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages

## Environmental precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines

## Methods and materials for containment and cleaning up

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs; Remove from the surface with suitable adsorbent material. Disposal according to UK/EU Environmental regulations.

| HANDLING AND STORAGE |
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## Precautions for safe handling

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. At times oil-soaked materials may spontaneously combust. Use only in well ventilated areas, avoid contact with skin, eyes and clothing.

## Conditions for storage

Store in tightly closed original container, in a cool (max room temperature) dry & ventilated area away from heat sources. Protect from freezing and direct sunlight. Keep away from naked flames and sources of ignition. Intrusion into the soil to be avoided. At times oil-soaked materials may spontaneously combust. Use only in well ventilated areas, avoid contact with skin, eyes and clothing.

## 7.3 Specific end use(s)

No additional data available

| EXPOSURE CONTROLS AND PERSONAL PROTECTION |
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## Control parameters

None

## Exposure Controls

| **Personal protection** | Recommended if handling hot oil |
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| **Process Conditions** | No special measures required. |
| **Engineering Measures** | Provide adequate ventilation |
| **Respiratory Equipment** | Use adequate ventilation. |
| **Hand Protection** | When handling hot oil; Use chemically resistant gloves if there is a risk of direct contact or splashing. |
| **Eye Protection** | When handling hot oil; Wear safety glasses or face shield to protect from risk of splashing. |
| **Other Protection** | Slip proof shoes may be worn in event of spillages. |
| **Hygiene Measures** | Good personal hygiene practices are always advisable, especially when working with chemicals / oils |
| **Personal Protection** | When handling hot oil; Wear appropriate clothing to prevent possibility of skin and eye contact |
| **Skin Protection** | When handling hot oil; wear appropriate clothing to prevent possibility of skin contact |
| **Environmental Exposure Controls** | Avoid discharging into drainage water |

| PHYSICAL AND CHEMICAL PROPERTIES |
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## General information

| **Appearance** | Clear, pale yellowish liquid. |
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| **Physical state** | Liquid |
| **Colour:** | Pale yellowish |
| **Odour:** | Characteristic |
| **Refractive Index** | 1.475 - 1.482 @ 20°C |
| **Melting point & Freezing point:** | No additional data available |
| **Initial boiling point:** | No additional data available |
| **Flash point:** | No additional data available |
| **Vapour Density (air = 1):** | Not available |
| **Solubility in water (g/litre @ 20 °C):** | Insoluble in water. Soluble in vegetable oils |
| **Auto ignition T°C:** | No additional data available |

## 9.2 Other information

No additional data available

| STABILITY AND REACTIVITY |
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## Reactivity

Generally stable. It presents no significant reactivity hazards, by itself or in contact with water

## Stability

Stable under the recommended handling and storage conditions.

## Possibility of hazardous reactions

Polymerisation is not likely to occur

## Conditions to avoid

Keep away from ignition sources, high temperatures (especially near flash point) and open flames

## Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents

## Hazardous decomposition products

Does not decompose at proper handling. Thermal decomposition product; compounds of Acrolein on extreme heating.

| TOXICOLOGICAL INFORMATION |
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## Information on toxicological effects

| Acute Toxicity | Non toxic product - food grade - pharmaceutical use |
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| Skin corrosion/irritation | Non toxic product - food grade - pharmaceutical use |
| Serious eye damage/irritation | Non toxic product - food grade - pharmaceutical use |
| Respiratory or skin sensitisation | Non toxic product - food grade - pharmaceutical use |
| Germ Cell Mutagenicity | Non toxic product - food grade - pharmaceutical use |
| Carcinogenicity | Non toxic product - food grade - pharmaceutical use |
| Reproductive toxicity | No additional data available |
| STOT-single exposure | No additional data available |
| STOT-repeated exposure | No additional data available |
| Aspiration hazard | No additional data available |
| Photo-toxicity | Not photo toxic |
| Other information | None |

| ECOLOGICAL INFORMATION |
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## Ecotoxicity

No additional data available

## Persistence and degradability

Readily biodegradable

## Bioaccumulative potential

No additional data available

## Mobility in soil

No additional data available

## 12.5 Results of PBT and vPvB Assessment

No additional data available

## 12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways

| DISPOSAL CONSIDERATIONS |
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## Waste Material

Collect and dispose of waste product in accordance with local authority guidelines. Product remainders should not intrude soil or waters

| TRANSPORT INFORMATION |
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## UN Number

Not Applicable

## UN proper shipping name

No additional data available

## Transport hazard class(es)

No additional data available

## 14.4 Packing group

No additional data available

## 14.5 Environmental hazards

No hazard label necessary - non hazardous product

## 14.6 Special precautions for user

See sections 6-8

## 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not defined

| REGULATORY INFORMATION |
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## Safety, health and environmental regulations / legislation specific for the substance or mixture

Compliant with the requirements in the current Cosmetic Directives 67/548 EEC et 1999/45/CE.  
Statutory Instruments  
The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).  
Guidance Notes  
Workplace Exposure Limits EH40. CHIP for everyone HSG(108).  
EU Legislation  
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

## 15.2 Chemical safety assessment

No additional data available

| OTHER INFORMATION |
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Hazard and/or precautionary statements in full None - non hazardous product

Other information None

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