



## Safety Data Sheet

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier

Product Name	Evening Primrose Oil.				
Biological Definition	Oenothera Biennis Oil is the fixed oil derived from the seeds of the evening primrose, <i>Oenothera biennis</i> , <i>Onagraceae</i> and refined. It consists primarily of the glycerides of the fatty acids.				
INCI Name	Oenothera Biennis Oil.				
Synonyms & Trade Names	-				
CAS-No	90028-66-3	EC No.	289-859-2	EINECS No.	289-859-2

#### 1.2 Relative identified uses of the substance or mixture and uses advised against

Functions; Emollient.

#### 1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

#### 1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

### 02. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

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.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

100% *Oenothera Biennis* Oil - not classed as a hazardous product.

#### 04. FIRST AID MEASURES

##### 4.1 Description of first aid measures

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.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
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.

##### 4.2 Most important symptoms and effects, both acute and delayed

No additional data available.

##### 4.3 Indication of any immediate medical attention and special treatment needed

None.

#### 05. FIRE-FIGHTING MEASURES

##### 5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). Dry Chemical Powder. Foam.

Unsuitable extinguishing media: Do not use direct water jet burning material.

##### 5.2 Special hazards arising from the product

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

##### 5.3 Advice for firefighters

Standard measures in line with fire safety regulations.

#### 06. ACCIDENTAL RELEASE MEASURES

##### 6.1 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.

##### 6.2 Environmental Precautions

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

##### 6.3 Methods and material 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.

##### 6.4 Reference to other sections

None.


#### 07. HANDLING AND STORAGE

##### 7.1 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.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>
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.
<b>7.3 Specific end use(s)</b>
No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
None.	
<b>8.2 Exposure controls</b>	
Protective Equipment	
 <p>recommended if handling hot oil.</p>	
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.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Clear, pale yellowish liquid.
Colour	Pale yellowish.
Odour	Characteristic.
Relative Density	0.920 - 0.932 @ 20°C
Flash Point (°C)	No additional data available.
Refractive Index	1.475 - 1.482 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in vegetable oils.
Auto-ignition	No additional data available.

temperature (°C)	
<b>9.2 Other information</b>	
No additional data available.	

## **10. STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	
Generally stable. It presents no significant reactivity hazards, by itself or in contact with water.	
<b>10.2 Chemical stability</b>	
Stable under the recommended handling and storage conditions.	
<b>10.3 Possible hazardous reactions</b>	
Polymerisation is not likely to occur.	
<b>10.4 Conditions to Avoid</b>	
Keep away from ignition sources, high temperatures (especially near flash point) and open flames.	
<b>10.5 Incompatible materials</b>	
Avoid contact with strong acids, alkalis and oxidising agents.	
<b>10.6 Hazardous Decomposition Products</b>	
Does not decompose at proper handling. Thermal decomposition product; compounds of Acrolein on extreme heating.	

## **11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	non toxic product - food grade - pharmaceutical use.
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.

## **12. ECOLOGICAL INFORMATION**

<b>12.1 Toxicity</b>	
No additional data available.	
<b>12.2 Persistence &amp; degradability</b>	
Readily biodegradable.	
<b>12.3 Bioaccumulation Potential</b>	
No additional data available.	
<b>12.4 Mobility in soil</b>	
No additional data available.	
<b>12.5 Results of PBT and vPvB Assessment</b>	

No additional data available.
<b>12.6 Other adverse effects</b>
Do not allow product to enter streams, sewers or other waterways.

### 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
Collect and dispose of waste product in accordance with local authority guidelines. Product remainders should not intrude soil or waters.

### 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	
UN No. Road	Not applicable - Non hazardous product.
UN No. SEA	Not applicable - Non hazardous product.
UN No. AIR	Not applicable - Non hazardous product.
<b>14.2 UN proper shipping name</b>	
No additional data available.	
<b>14.3 Transport hazard class(es)</b>	
No additional data available.	
<b>14.4 Packing group</b>	
No additional data available.	
<b>14.5 Environmental hazards</b>	
No hazard label necessary – non hazardous product.	
<b>14.6 Special precautions for user</b>	
See sections 6 - 8	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
Not defined.	

### 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
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.
<b>15.2 Chemical safety assessment</b>
No additional data available.

## **16. OTHER INFORMATION**

Hazard and/or Precautionary Statements in Full	None - non hazardous product.
Other Information	None.
Revision Date	June 29, 2015
Reason for revision	New SDS.
Rev No/Repl, SDS Generated	01

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