



## Safety Data Sheet

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

#### 1.1 Product Identifier

Product Name	Meadowfoam Seed Oil.				
Biological Definition	Limnanthes Alba Seed Oil is the oil extracted from the seeds of the Meadowfoam, <i>Limnanthes alba</i> , <i>Limnanthaceae</i>				
INCI Name	Limnanthes Alba Seed Oil.				
Synonyms & Trade Names	-				
CAS-No	169407-13-5	EC No.	Not available	EINECS No.	Not available

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

No additional data available.

#### 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

No signal word, pictograms, hazard or safety phrases required (EU Regulation. 1272/2008 CLP).

Classification (EC 1272/2008)

No signal word, pictograms, hazard or safety phrases required (EU Regulation. 1272/2008 CLP).

#### 2.2 Label Elements

Label in accordance with (EC) No 1272/2008

No signal word, pictograms, hazard or safety phrases required (EU Regulation. 1272/2008 CLP).

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

None.

Adverse effects on human health

None.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

**04. FIRST AID MEASURES****4.1 Description of first aid measures**

Inhalation	Not expected with this type of non toxic product. If discomfort occurs; seek medical advice.
Ingestion	First aid not normally required. If discomfort occurs; seek medical advice.
Skin Contact	Not expected with this type of non toxic product. If discomfort occurs; seek medical advice.
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 if symptoms occur. 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**

No additional data available.

**05. FIRE-FIGHTING MEASURES****5.1 Extinguishing Media**

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). Dry Chemical Powder or foam.  
Unsuitable extinguishing media: Water.

**5.2 Special hazards arising from the product**

The product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke and oxides of carbon.

**5.3 Advice for firefighters**

Standard fire safety procedures to be followed. Wear self-contained breathing apparatus in confined spaces.

**06. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

No special precautions required.

**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.**

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations. Larger spills may be pumped.

**6.4 Reference to other sections**

Section 8 and section 13.

**07. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Keep containers leak proof, tightly closed and dry, when not in use. Protect against sun/light. Prevent spills and leakages to avoid slip hazard. Provide suitable mechanical equipment for the safe handling of drums and heavy packages.

**7.2 Conditions for safe storage, including any incompatibilities**

Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment. Limit oxygenation (contact with air); keep containers tightly closed. Keep away from sources of

ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

### 7.3 Specific end use(s)

No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### 8.2 Exposure controls

Protective Equipment



Process Conditions	No additional data available.
Engineering Measures	No additional data available.
Respiratory Equipment	No particular protection needed, though adequate ventilation advisable.
Hand Protection	No particular protection needed, though gloved may be necessary when handling hot oil.
Eye Protection	If product may splash or accidentally be ejected, the use of safety goggles is recommended.
Other Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Wear protective equipment to protect from splashes and spills.
Skin Protection	When handling hot product, suitable protective gloves are recommended.
Environmental Exposure Controls	Avoid discharging into drainage water.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Mobile liquid, Golden yellow.
Colour	Golden Yellow
Odour	Free from rancid and foreign odours.
Relative Density	0.900 - 0.920 @ 20°C
Flash Point (°C)	>260
Refractive Index	1.470 - 1.480 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	> 300
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.

### 9.2 Other information

No additional data available.

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>
Stable under the recommended handling and storage conditions.
<b>10.2 Chemical stability</b>
Stable under the recommended handling and storage conditions.
<b>10.3 Possible hazardous reactions</b>
None known under recommended handling and storage conditions.
<b>10.4 Conditions to Avoid</b>
Avoid high temperature warehousing (more than 60°C.
<b>10.5 Incompatible materials</b>
Avoid contact with strong acids, alkalis and oxidising agents.
<b>10.6 Hazardous Decomposition Products</b>
The product does not decompose under normal conditions. In fire conditions a complex mixture of irritating fumes and smoke will be evolved.

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Not classified as toxic.
Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
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	No additional data available.
Other Information	No additional data available.

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>
Low.
<b>12.2 Persistence &amp; degradability</b>
> 90% (OECD).
<b>12.3 Bioaccumulation Potential</b>
None.
<b>12.4 Mobility in soil</b>
Low.
<b>12.5 Results of PBT and vPvB Assessment</b>
None.
<b>12.6 Other adverse effects</b>
Do not allow product to enter streams, sewers or other waterways.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Wherever possible recover all spillages. Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters.

### 14. TRANSPORT INFORMATION

#### 14.1 UN number

UN No. Road	Not bound by transport regulations.
UN No. SEA	Not bound by transport regulations.
UN No. AIR	Not bound by transport regulations.

#### 14.2 UN proper shipping name

Not bound by transport regulations.

#### 14.3 Transport hazard class(es)

Not restricted under Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport in drums or food tanks.

#### 14.4 Packing group

Not bound by transport regulations.

#### 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

No additional data available.

### 15. REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 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. 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

An assessment has not been carried out.

### 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None.
Other Information	None.
Revision Date	October 26, 2015

Reason for revision	New SDS.
Rev No/Repl, SDS Generated	01

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