



## Safety Data Sheet

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

<b>1.1 Product Identifier</b>					
Product Name		Borage Oil.			
Biological Definition		Borago Officinalis Seed Oil is the fixed oil obtained from the seeds of <i>Borago officinalis</i> L., <i>Boraginaceae</i> .			
INCI Name		Borago Officinalis Seed Oil.			
Synonyms & Trade Names		-			
CAS-No	225234-12-8	EC No.	Not available	EINECS No.	Not available
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
Cosmetics, Pharmaceuticals, Food.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1					
<b>1.4 Emergency Tel. No.</b>		604-540-8700 (Monday-Friday 8:30 am-4:30 pm)			

### 02. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
Not classed as a hazardous substance.	
Classification (EC 1272/2008)	
The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 and further amendments, nor to those having recognised exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills constitute a slippage hazard.	
<b>2.2 Label Elements</b>	
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.	
<b>2.3 Other Hazards</b>	
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

100% Borago Officinalis Seed Oil      Cas No. 225234-12-8      Not classed as a hazardous product.

### 04. FIRST AID MEASURES

#### 4.1 Description of first aid measures

Inhalation	Not expected with this type of product. If discomfort occurs; seek medical advice.
Ingestion	Non toxic, edible product. If discomfort occurs; seek medical advice.
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. Continue to rinse. Seek medical attention.

#### 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:      Fire blanket, Carbon dioxide (CO<sub>2</sub>). Dry Chemical Powder or foam.  
Unsuitable extinguishing media:      Water jet.

#### 5.2 Special hazards arising from the product

Formation of carbon monoxide is possible.

#### 5.3 Advice for firefighters

In case of fire; Wear suitable respiratory protection.

### 06. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

No special precautions required. Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact.

#### 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 spillages 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.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>
Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment. 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.
<b>7.3 Specific end use(s)</b>
No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
Not applicable under normal working procedures.	
<b>8.2 Exposure controls</b>	
Protective Equipment	
	
Process Conditions	No special measures required.
Engineering Measures	No special measures required.
Respiratory Equipment	In case of aerosol formation: use a dust mask filter.
Hand Protection	No special measures required under normal working conditions.
Eye Protection	Use safety glasses if at risk of splashing.
Other Protection	No special measures required.
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	No special measures required.
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 yellow liquid.
Colour	Pale yellow.
Odour	Characteristic.
Relative Density	0.910 - 0.925 @ 20°C
Flash Point (°C)	>300
Refractive Index	1.470 - 1.480 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure (mmHg)	< 0.01
Solubility in Water @20°C	Insoluble in water. Soluble in vegetable oil.
Auto-ignition temperature (°C)	No additional data available.
<b>9.2 Other information</b>	
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. Becomes rancid on prolonged exposure to air.
<b>10.3 Possible hazardous reactions</b>
None.
<b>10.4 Conditions to Avoid</b>
Avoid oxidation promoting conditions (heat, UV light).
<b>10.5 Incompatible materials</b>
Avoid contact with strong acids, alkalis and oxidising agents.
<b>10.6 Hazardous Decomposition Products</b>
None.

## **11. TOXOLOGICAL INFORMATION**

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Nontoxic product. Edible quality.
Skin corrosion / irritation	Nontoxic product. Edible quality. No negative effects expected.
Serious eye damage / irritation	Slight irritation may occur on eye contact.
Respiratory or skin sensitisation	Nontoxic product. Edible quality. No negative effects expected.
Germ Cell Mutagenicity	Nontoxic product. Edible quality. No negative effects expected.
Carcinogenicity	Nontoxic product. Edible quality. No negative effects expected.
Reproductive toxicity	Nontoxic product. Edible quality. No negative effects expected.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	Nontoxic product. Edible quality. No negative effects expected.
Photo-toxicity	Nontoxic product. Edible quality. No negative effects expected.
Other Information	No additional data available.

## **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>
Not expected.
<b>12.4 Mobility in soil</b>
Floats on water. Immobilises by adsorption to soil particles.
<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. Presents no ozone depletion potential and is CO <sub>2</sub> neutral.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

No specific danger. Dispose according to local authority advice. May be burned together with household waste, if this is accepted by the authorities.

### 14. TRANSPORT INFORMATION

#### 14.1 UN number

UN No. Road	Not applicable – non toxic product.
UN No. SEA	Not applicable – non toxic product.
UN No. AIR	Not applicable – non toxic product.

#### 14.2 UN proper shipping name

No additional data available.

#### 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

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.

### 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	January 13, 2016

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

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