



Essential Oils Direct Ltd

Safety Data Sheet

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

1.1 Product Identifier					
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
1.2 Relative identified uses of the substance or mixture and uses advised against					
Cosmetics, Pharmaceuticals, Food.					
1.3 Details of the supplier of the safety data sheet					
Essential Oils Direct Ltd 13 Parkside Industrial Estate, Royton, Oldham OL2 6DS - Reg No 04199912					
1.4 Emergency Tel. No.		+ 44 (0) 161 633 3952			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
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.	
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	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 ₂). 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.
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. 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	
Not applicable under normal working procedures.	
8.2 Exposure controls	
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

9.1 Information on basic physical and chemical properties	
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.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity
Stable under the recommended handling and storage conditions.
10.2 Chemical stability
Stable under the recommended handling and storage conditions. Becomes rancid on prolonged exposure to air.
10.3 Possible hazardous reactions
None.
10.4 Conditions to Avoid
Avoid oxidation promoting conditions (heat, UV light).
10.5 Incompatible materials
Avoid contact with strong acids, alkalis and oxidising agents.
10.6 Hazardous Decomposition Products
None.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
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

12.1 Toxicity
No additional data available.
12.2 Persistence & degradability
Readily biodegradable.
12.3 Bioaccumulation Potential
Not expected.
12.4 Mobility in soil
Floats on water. Immobilises by adsorption to soil particles.
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. Presents no ozone depletion potential and is CO2 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
<p><u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Approved Code Of Practice</u> Classification and Labelling of Substances and Preparations Dangerous for Supply.</p> <p><u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG (108).</p> <p><u>EU Legislation</u> 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.</p>
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	13/01/2016

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

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