

# William Hodgson & Co

----- Established 1894 -----

## Material Safety Data Sheet

### 1. IDENTIFICATION OF SUBSTANCE/COMPANY/UNDERTAKING

**Product Name:** Borage Oil

**Company Name:** William Hodgson & Company  
Unit 3, 'The Dairy',  
Gawsworth Business Court,  
Shellow Lane, North Rode,  
Congleton, Cheshire. CW12 2FQ

**Telephone Number:** 01260 222 943  
**Fax Number:** 01260 222 994  
**Web:** www.naturaloilsuk.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**CAS Number:** 68956-68-3  
**EINECS Number:** 273-313-5  
**INCI Name:** Borago Officinalis  
**Chemical Name:** Triglycerides of vegetable origin  
**Country of Origin:** France

<u>Constituents</u>	<u>Formula</u>	<u>Concentration</u>
Gamma Linolenic Acid (CAS Number 506-26-3)	C18H3002	21% minimum
DL-a-tocopherol (CAS Number 101191-41-0)	C29H5002	
Ascorbyl Palmitate	C22H38O7	

**Hazardous ingredients:** None

### 3. HAZARDS IDENTIFICATION

**General hazards:** May irritate eyes. Edible quality.

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## 4. FIRST AID MEASURES

Skin contact:	Wash off with soap and water
Eye contact:	Wash and rinse with plenty of water
Ingestion:	Not considered dangerous. Edible quality.
Inhalation:	Remove to fresh air. Seek medical advice if symptoms develop.

## 5. FIRE FIGHTING EXTINGUISHING MEASURES

Suitable Extinguishers:	Water mist, carbon dioxide, foam, dry powder.
Unsuitable extinguishers:	Water jet.
Hazards:	Borage oil is a combustible oil. Flash point = 230°C approx.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin, eyes and clothes. Note that spillages constitute a slipping hazard.
Environmental precautions:	Keep away from drains, surface and groundwater.
Cleaning:	Remove spillage using physical methods or absorbents. Clean with hot water and detergent.

## 7. HANDLING & STORAGE MEASURES

Handling:	Process in closed system under an inert gas atmosphere. (Such as nitrogen).
Storage:	Store in sealed containers in a dry place below 15°C Keep out of direct sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Goggles and protective clothing should be worn if there is a risk of splashing.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Please see separate specification sheet.

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## 10. STABILITY AND REACTIVITY

Stability: Generally stable, becomes rancid on exposure to air.  
Avoid: Oxidising materials and oxidizing promoting  
Conditions. (Heat & light)

Thermal decomposition products are H<sub>2</sub>O and CO<sub>2</sub>. There is a risk of autoxidation when a finely divided form is in contact with atmospheric oxygen.

## 11. TOXICOLOGICAL EFFECT

Not tested on animals. Human patch tests show no sign of irritation or sensitisation. Generally regarded as safe for human consumption.

## 12. ECOLOGICAL INFORMATION

Readily biodegradable.

## 13. DISPOSAL CONSIDERATIONS

Dispose of according to local and national regulations.

## 14. TRANSPORT INFORMATION

No special requirements and no restrictions on transportation by land, sea or air. Not classified as hazardous.

## 15. REGULATORY INFORMATION

Not classified as hazardous. Contains less than 200ppm of tin.

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## 16. OTHER INFORMATION

The information contained herein is accurate to the best of our knowledge.

No liability can be accepted arising out of the use, application or processing of this product.

It is the Users responsibility to determine safe conditions for the use of this material.

