# Section 1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Borage Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>84012-16-8</td>
</tr>
</tbody>
</table>

## Parchem - fine & specialty chemicals
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## EMERGENCY RESPONSE NUMBER
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

# Section 2. Hazards Identification

## Classification of the substance or mixture
Not classified as a hazardous substance or mixture

### GHS Label Elements
- **Pictograms:** N/A
- **Signal word:** N/A

### Hazard and precautionary statements
None

### Emergency Overview:
No specific health or safety hazard known.

### Potential Health Effects:
Not to be expected, if handled and used properly.

## Carcinogenicity
- **IARC:** N/A
- **NTP:** N/A
- **OSHA:** N/A

## Routes of Entry
- **Eye Contact:** Mild irritation may occur
- **Skin Contact:** No known hazard
- **Ingestion:** No known hazard
- **Inhalation:** No known hazard; no vapors at normal working temperatures
Section 3. Composition / Information on Ingredients

**Common Name**  Borage Oil  
**Synonym(s)**  Borage Seed Oil  
**CAS Number**  84012-16-8

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borage Oil</td>
<td>84012-16-8</td>
<td>60% wt.</td>
</tr>
<tr>
<td>Maltodextrin</td>
<td></td>
<td>20% wt.</td>
</tr>
<tr>
<td>Gum Arabic</td>
<td>9050-36-6</td>
<td>20% wt.</td>
</tr>
<tr>
<td>d-alpha Tocopherol</td>
<td>59-02-9</td>
<td>0.02% wt.</td>
</tr>
<tr>
<td>Silicon Dioxide</td>
<td>14808-60-7</td>
<td>&lt; 1% wt.</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

**Eyes:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

**Skin:** Wash with soap and water, get medical attention if irritation persists.

**Ingestion:** N/A

**Inhalation:** N/A

**Medical Conditions Generally Aggravated by Exposure:** None

Section 5. Firefighting Measures

**Extinguishing Media:** Dry Chemical, Carbon Dioxide, Fog, Foam

**Special Firefighting Procedures:** Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.

**Unusual Fire & Explosion Hazards:** Combustible but no particular hazard.

Section 6. Accidental Release Measures

**Methods for Cleaning Up:** Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

Section 7. Handling and Storage

**Safe Handling:** Keep away from sources of ignition and open flames.

**Requirements for Storage Areas and Containers:** Store in a cool, dry location, in a sealed container.

Section 8. Exposure Controls / Personal Protection

**Eye:** Safety glasses may be worn.

**Skin/Body:** Gloves should be worn.
Respiratory: Not needed under normal conditions of use.
Other: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice: Normal work and hygiene practices for handling non-hazardous liquid material.

Section 9. Physical and Chemical Properties

Physical State: Liquid
Color: Clear, medium to dark green
Odor: Characteristic, bland, fatty oil
pH: N/A
Boiling Point (760 mmHg): 240°C
Vapor Pressure (at 300°C): < 0.5 mmHg
Vapor Density (Air = 1): > 1
Flash Point: > 200°C
Specific Gravity (H₂O = 1): 0.92
Evaporation Rate: N/A
Solubility in Water: Insoluble

Section 10. Stability and Reactivity

Stability: Stable under normal conditions of use.
Incompatibility (Materials to Avoid): Avoid strong oxidizers
Conditions to Avoid: None
Hazardous Decomposition or Byproducts: None
Hazardous Polymerization: Will not occur

Section 11. Toxicological Information

Oral: Expected to possess a relatively low degree of acute oral toxicity (LD₅₀ expected to be > 2000 mg/kg)
Dermal: Expected to be practically non-toxic by dermal route
Inhalation: N/A
Medical Conditions Generally Aggravated by Exposure: None
Irritancy
Skin: Not expected to be an irritant
Eyes: Not expected to be an irritant

Section 12. Ecological Information

Biodegradation: Ultimately biodegradable
### Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

### Section 14. Transport Information

**DOT Classification:** Not a DOT controlled material (USA).  
**Class/Division:** Not restricted  
**Proper Shipping Name:** N/A  
**Label:** None  
**Packing Group:** N/A  
**ID Number:** N/A  
**Hazard:** N/A

### Section 15. Regulatory Information

**California Proposition 65:** This product conforms to all applicable Federal regulations regarding food safety and labeling. To the best of our knowledge, it does not contain any significant levels of carcinogens or reproductive toxins.

### Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

**REVISION DATE:** 5/5/2016