



SAFETY DATA SHEET

1. Identification

Product Name: Borage Oil

Recommended use of chemical and restrictions on use: Cosmetics

Chemical family: Not available

Name and address of the supplier:
Essential Ingredients, Inc.
2408 Tech Center Parkway Suite 200
Lawrenceville, GA, US 30043

Supplier's telephone number: (770) 831-9010

24 Hr. Emergency telephone number: (800) 424-9300 (CHEMTREC)

2. Hazard(s) Identification (Continued)

| | | |
|---------------------|--------------|---|
| HMIS: | Health | 0 |
| | Flammability | 0 |
| | Reactivity | 0 |
| Personal Protection | | |

Label Elements: No Label Required

Signal Word: None required

Hazard Statement(s): None required



Borage Oil

Version: 0001 03/22/19

Revision Date: 00/00/0000

Precautionary Statement(s) Prevention None

Precautionary Statement(s) Response None

Precautionary Statement(s) Storage None

Precautionary Statement(s) Disposal None

3. Composition/Information on Ingredients

| Chemical Name | CAS Number | Percent by Weight |
|---------------|-------------|-------------------|
| Borage Oil | 225234-12-8 | 100 |

4. First Aid Measures

Ingestion: Not dangerous, oils are generally edible.

Inhalation: No vapours generated under normal handling conditions.

Skin Contact: Wash with Soap and Water.

Eye Contact: Rinse with plenty of water. If discomfort persists, seek medical attention.

General information- This safety data sheet. Accident with vegetable oil of edible quality.

5. Firefighting Measures

Fire/Explosion Hazard: No information available



| | |
|---|---|
| Extinguishing Media: | Fire Blanket, Foam, dry powder and CO2. |
| Unsuitable Extinguishing Material: | Water jet. |
| Specific Hazards Arising from the Chemical: | Formation of carbon monoxide is possible. |
| Special Protective Equipment for Firefighters: | Suitable respiratory protection. |

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures No special precautions under normal conditions.

Environmental precautions Keep away from drains, surface and ground water.

Methods and material for containment and cleaning up. Physical methods, adsorbent material. Clean with hot water and detergent.

Reference to other sections See sections 8 and 13.

7. Handling and Storage

Precautions for Safe Handling: Handle with care and avoid spillage on the floor (spillage can cause slipping hazard). Normal working hygiene will suffice.

Conditions for Safe Storage Including Any Incompatibilities: Store in a cool and dry place in the original containers, or store in a tank (preferably stainless steel). No special measures. Bunding or similar precautions are recommended to contain spillage or leaks.



8. Exposure Controls/Personal Protection

Control Parameters:

Appropriate Engineering Controls:

No known. Normal handling and according with the good practices of manufacture.

Personal Protective Equipment (PPE):

Eye/Face Protection: Use safety glasses/goggles if there is a risk of splashing.

Skin/Hand Protection: No special measures required under normal conditions.

Respiratory Protection: In case of aerosol formation, use dust mask filter.

Other: Normal handling and according with the good practices of manufacture.

9. Physical and Chemical Properties

Appearance:

Physical State: Liquid

Color: Dark yellow

Odor: Neutral

Odor Threshold: Not Determined

pH Not relevant, insoluble in water

Freezing/Melting Point (°C): Liquid at ambient temperatures

Boiling Point (°C): Not Determined

Flash Point (°C): >300°C

Evaporation Rate: Not Determined

Flammability: Not Flammable

Upper Explosive Limit (%): Not Explosive

Lower Explosive Limit (%): Not Explosive

Vapor Pressure: <0.01 mmHg

Vapor Density: Not Determined



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|--|------------------|
| Relative Density: | 0.90 - 0.93 g/ml |
| Solubility in Water: | Insoluble |
| Solubility (Other): | Not Available |
| Partition Coefficient (n-Octanol/Water) | Not Determined |
| Auto-ignition Temperature (°C): | Not Determined |
| Decomposition Temperature (°C): | Not Determined |
| Viscosity: | 60 - 90 cP |
| VOC: | Not Available |
| Percent Volatile: | Not Available |
| Specific Gravity | Not Available |

10. Stability and Reactivity

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|--|--|
| Reactivity: | No data available |
| Chemical Stability: | Generally stable, becomes rancid on prolonged exposure to air. |
| Possibility of Hazardous Reactions: | None |
| Conditions to Avoid: | Oxidation promoting conditions (heat and UV light). |
| Incompatible Materials: | Pro-oxidants. |
| Hazardous Decomposition Products: | None |



11. Toxicological Information

| | |
|---------------------------------------|---|
| Acute oral toxicity (rat) | This material is not considered a toxic Hazard. |
| Acute dermal toxicity (rabbit) | Not expected to be an irritant |
| Acute inhalation toxicity | None specified |
| Subchronic oral toxicity (rat) | None specified |
| Skin irritation (rabbit) | Not expected to be an irritant |
| Eye irritation (rabbit) | Not expected to be an irritant |
| Sensitization | No skin irritation, no eye irritation, no sensitisation |
| Phototoxicity (guinea pig) | Not available |
| Chronical toxicity | Not available |

12. Ecological Information

| | |
|---|---|
| Toxicity | No information available |
| Persistence and degradability | biodegradable |
| Bioaccumulative potential | No bioaccumulation is expected |
| Mobility in soil | Floats on water. Immobilizes by adsorption to soil particles. |
| Results of PBT and vPvB assessment | No information available |
| Other adverse effects | None |

13. Disposal Considerations

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|--------------------------------|---|
| 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. Transportation Information (Continued)

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|---|----------------|
| DOT Regulation | Not regulated |
| UN proper shipping name | Not Restricted |
| Transport hazard class | Not Restricted |
| Packing group | Not Restricted |
| Environmental hazards | Not Restricted |
| Special precautions for user | Not Restricted |
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not Restricted |

15. Regulatory Information (Continued)

US Federal Regulations

Safety, health, and environmental regulations/legislation specific for the substance

SARA: **SARA 311/312 Hazards:** None

US State Regulations: None

California Prop 65 No Information available

Inventory Status:

Australia (AICS) N/A

Canada (DSL/NDSL) N/A

China (IECSC) N/A



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|------------------------------|-----|
| Europe (REACH) | N/A |
| Europe (EINEC/ELINCS) | N/A |
| Japan (ENCS) | N/A |
| Korea (KECI) | N/A |
| New Zealand (NZIoC) | N/A |
| Philippines (PICCS) | N/A |
| Switzerland (SWISS) | N/A |
| Taiwan (TCSCA) | N/A |

16. Other Information

Source of Information:

No data available

Further Information:

The information provided in this safety data sheet is accurate to the best of our knowledge and is valid for the product as supplied. The information is intended for use as a guide for safety measures, and no liability arising out of the use, application or processing of the material is accepted.

Disclaimer:

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