

MATERIAL SAFETY DATA SHEET

BORAGE OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	BORAGE OIL
Product Use:	Personal Care Formulations
Company Name:	Chanjao Longevity Co., Ltd.
Company Address:	50 Ramindra 14, Bangkok 10230 THAILAND
Emergency Telephone Number:	+66 02 002 7 002

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:	
Vegetable Oil Triglycerides	100%
Hazardous Components:	None
CAS #:	84012-16-8

3. HAZARDS IDENTIFICATION

Routes of Entry	
Eye Contact:	Mild irritation may occur
Skin Contact:	No known hazard
Ingestion:	Food grade
Inhalation:	No known hazard – no vapors at normal working temperatures

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

5. FIRE FIGHTING MEASURES

Flash Point:	> 200°C
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.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

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

7. HANDLING AND STORAGE

Handling

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

Storage

Requirements for Storage Areas and Containers: Store in a cool, dry location, in a sealed container. Nitrogen capping recommended for stability.

8. EXPOSURE CONTROL/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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Clear, yellow
Odor: Characteristic, bland, fatty oil
Acid Value: 2.0 mg KOH/g Max
Peroxide Value: 15.0 meq/kg Max
Saponification Value: 170-215 mg KOH/g
Iodine Value: 125-160 g/100g
Refractive Index (@ 20°C): 1.46-1.48
Specific Gravity (H₂O = 1): 0.92 approx.
Evaporation Rate: --
Solubility in Water: Insoluble

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: Nitrogen oxides, carbon monoxide, oxides of sulphur, carbon dioxide
Hazardous Polymerization: Will Not Occur

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

12. ECOLOGICAL INFORMATION

Biodegradation:	Ultimately Biodegradable
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13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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14. TRANSPORT INFORMATION

DOT Classification:	Not regulated
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IATA:	Not regulated
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IMDG:	Not regulated
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15. REGULATORY INFORMATION

Not Available

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.