

MATERIAL SAFETY DATA SHEET

CHIA SEED CO2 EXTRACT

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: CHIA SEED CO2 EXTRACT
Product ID:
Product Use: Personal Care Formulations
Company Name: Natural Sourcing
Company Address: 341 Christian Street, Oxford, CT 06478, USA
Date Issued: 1/1/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Chemical Identity: Chia Seed Oil
Description: Liquid, oily extract of chia seeds
Composition:
Triglycerides 93% (>75% of which are polyunsaturated fatty acids)
Hazardous Components: None

3. HAZARDS IDENTIFICATION

Routes of Entry: • None
Eye Contact: No adverse health effects are expected
Skin Contact: No adverse health effects are expected
Ingestion: No adverse health effects are expected are normal use
Inhalation: No adverse health effects are expected

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 occurs.
Ingestion: None required if a small amount is ingested.
Inhalation: Remove to fresh air. If breathing has stopped or is irregular, give artificial respiration and seek medical attention.
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): Not determined
Flammability: Potentially flammable if exposed to high heat and flame. Remove containers from fire area.

Auto Ignition Temperature:	No information
Hazardous Combustion Products:	None
Extinguishing Media:	<ul style="list-style-type: none"> • Dry Chemical • Carbon Dioxide • Foam
Special Firefighting Procedures:	<p>Note: Do not use water except to cool containers.</p> <ul style="list-style-type: none"> • Combustible material. Limit the spread of oil. • Treat as an oil (edible fat) fire. • Use self contained breathing equipment with full face plate or other positive pressure mode.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Environmental Protection:	Notify authorities if large amounts of product enters sewer.
Methods for Cleaning Up:	<ul style="list-style-type: none"> • Shut off ignition source. • Floor will be slippery; isolate area and deny entry. • Ventilate area. • Absorb onto an inert, absorbent substrate and sweep up. Do not use combustible materials, such as saw dust. • Wash area with soap and water to prevent slip/fall hazard.

7. HANDLING AND STORAGE

Safe Handling:	<ul style="list-style-type: none"> • Wear safety glasses. • Keep away from oxidizing agents, excessive heat and sources of ignition. • Wash hands and other exposed areas with soap and water.
Requirements for Storage Areas and Containers:	<ul style="list-style-type: none"> • Store in a cool, dry location, in a sealed container in a well ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:	None
Personal Protection	
Eye:	Safety glasses should be worn.
Skin/Body:	Lab coats and gloves may be worn.
Respiratory:	Not needed under normal conditions of use.
Ventilation:	Handle in well ventilated areas.
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:	Orange Red
Odor:	Characteristic
Specific Gravity (H₂O = 1):	0.92 g/cm ³
Flash Point:	> 250° C
Solubility in Water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to Avoid:	Extreme heat
Incompatibility (Materials to Avoid):	Avoid strong oxidizers
Hazardous Decomposition or Byproducts:	Thermal decomposition releases CO ₂
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Toxicity Data:	Not determined
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

Ecological Information:	Not available
--------------------------------	---------------

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT Classification:	Not regulated
----------------------------	---------------

15. REGULATORY INFORMATION

WHMIS Classification:

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.