

# MATERIAL SAFETY DATA SHEET

## AMARANTH SEED OIL CO2

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** AMARANTH SEED OIL CO2  
**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

**Ingredients:**  
Vegetable Oil Triglycerides 100%  
Liquid extract of amaranth seed, complete composition unknown  
>70% fatty acids, > 5% squalene, < 1% tocopherols, phytosterols  
**Hazardous Components:** None  
**CAS #:**

### 3. HAZARDS IDENTIFICATION

**Routes of Entry**  
**Eye Contact:** No known hazard  
**Skin Contact:** No known hazard  
**Ingestion:** No known hazard  
**Inhalation:** No adverse health effects expected from inhalation  
**Chronic Exposure:** No information

### 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  
**Ingestion:** If large amounts were swallowed, give water to drink and get medical advice.  
**Inhalation:** Remove to fresh air.  
**Medical Conditions Generally Aggravated by Exposure:** None

### 5. FIRE FIGHTING MEASURES

**Flammability:** Potentially flammable if exposed to high heat and flame.  
**Extinguishing Media:** Dry Chemical, Carbon Dioxide, Foam  
**Special Firefighting Procedures:** Limit the spread of oil. Treat as an oil (edible fat) fire. Use air

**Unusual Fire & Explosion Hazards:** supplied equipment for fighting interior fires.  
Keep free of ignition sources.

#### 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

**Methods for Cleaning Up:** 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

##### Handling

**Safe Handling:** Keep away from sparks and open flames. Wash hands and other exposed areas with soap and water.

##### Storage

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

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Eye:** Safety glasses should be worn.  
**Skin/Body:** Gloves should be worn.  
**Respiratory:** Not needed under normal conditions of use.  
**Ventilation:** A mechanical exhaust/ventilation or fume collection system may be used if deemed necessary according to application.  
**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:** Beige cloudy  
**Odor:** Characteristic  
**Solubility in Water:** Insoluble

#### 10. STABILITY AND REACTIVITY

**Stability:** Stable under ordinary conditions of use and storage  
**Incompatibility (Materials to Avoid):** Avoid flames and strong oxidizers  
**Hazardous Decomposition or Byproducts:** Carbon dioxide and carbon monoxide may form when heated to decomposition.  
**Conditions to Avoid:** Excessive heat  
**Hazardous Polymerization:** Will Not Occur

#### 11. TOXICOLOGICAL INFORMATION

**Signs and Symptoms of Exposure:** N/A  
**LD50/LC50** No information

**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:** Expected to be ultimately biodegradable

#### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Material is not considered hazardous under federal regulations. Do not put into sewer lines. Dispose of according to local, state and federal regulations.

#### 14. TRANSPORT INFORMATION

**DOT Classification:** Not regulated  
**Class/Division:** Not restricted  
**Proper Shipping Name:** NA  
**Label:** None  
**Hazard:** NA

#### 15. REGULATORY INFORMATION

**WHMIS classification for product:** N/A

#### 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.