

## MATERIAL SAFETY DATA SHEET

# GRAPE SEED OIL

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** GRAPE SEED OIL  
**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%  
**Hazardous Components:** None  
**Additives:** None  
**INCI:** Vitis Vinifera (Grape) Seed Oil  
**CAS #:** 8024-22-4  
**EINECS #:** 273-313-5

### 3. HAZARDS IDENTIFICATION

**Routes of Entry**  
**Eye Contact:** Mild irritation may occur  
**Skin Contact:** Mild irritation may occur  
**Ingestion:** Food Grade  
**Inhalation:** No known hazard

### 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 (Method Used):** > 200°C Close Cup  
**Flammable Limits**  
**LEL:** Not Established

**UEL:** Not Established  
**Extinguishing Media:** Dry Chemical, Carbon Dioxide, Fog, Foam  
**Special Firefighting Procedures:** Cool containers exposed to flame with water jet spray. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.  
**Unusual Fire & Explosion Hazards:** None.

#### 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 fire and open flames. Do not overheat.

##### 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. Use adequate ventilation or NIOSH-approved respiratory devices if heating product.  
**Ventilation:** A mechanical exhaust/ventilation or fume collection system is recommended if heating product to elevated temperatures.  
**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, pale yellow to green  
**Odor:** Characteristic, bland, fatty oil  
**Vapor Pressure (mm Hg.):** N/A  
**Vapor Density (AIR = 1):** >1  
**Boiling Point:** 230°C  
**Auto Ignition Temperature:** > 200°C  
**Specific Gravity (H2O = 1):** 0.913-0.930 g/cm<sup>3</sup>  
**Solubility in Water:** Insoluble

#### 10. STABILITY AND REACTIVITY

**Stability:** Generally stable, becomes rancid on extended exposure to air.  
**Incompatibility (Materials to Avoid):** Avoid strong oxidizers  
**Conditions to Avoid:** Oxidation Promotion Conditions (Light, Heat)

**Hazardous Decomposition or Byproducts:**

Forms carbon monoxide and/or dioxide upon burning

**Hazardous Polymerization:**

Will Not Occur

#### 11. TOXICOLOGICAL INFORMATION

**Human Exposure Tests:**

Human Patch tests show no signs of irritation or sensitivity.

**Threshold Limit Value:**

Non Toxic under normal conditions and not classified in EEC listing.

**Medical Conditions Generally Aggravated by Exposure:**

None

**Irritancy:**

Skin: Not expected to be an irritant  
Eyes: Not expected to be an irritant

**Carcinogenicity:**

None

#### 12. ECOLOGICAL INFORMATION

**Biodegradation:**

Expected to be ultimately biodegradable

**Fish Toxicity:**

No Data (Water insoluble)

**Bacterial Toxicity:**

No Data

#### 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 a DOT controlled material (USA)  
Not classified as a dangerous substance  
Not classified under IMDG or ADR regulations

**Class/Division:**

Not restricted

#### 15. REGULATORY INFORMATION

**Labeling According to EC Directives:**

R Phrase (Risk): None  
S Phrase (Security): None  
Hazard Symbol: None

#### 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.