

# MATERIAL SAFETY DATA SHEET

## MEADOWFOAM SEED OIL

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** MEADOWFOAM SEED OIL  
**Product Use:** Personal Care Formulations  
**Company Name:** Natural Sourcing  
**Company Address:** 341 Christian Street, Oxford, CT 06478, USA  
**Date Issued:** 7/16/2008  
**Emergency Telephone Number:** Chemtrec Tel: (800) 262-8200

### 2. COMPOSITION/INGREDIENT INFORMATION

**Ingredients:**  
Meadowfoam seed oil 100%  
(fatty acid triglycerides)  
**Hazardous Components:** None  
**CAS #:** 153065-40-8  
**EINECS #:** 310-127-6

### 3. HAZARDS IDENTIFICATION

**Routes of Entry**  
**Eye Contact:** Mild irritation may occur  
**Skin Contact:** No known hazard  
**Ingestion:** No known hazard  
**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):** > 260°C (open cup)  
**Flammable Limits**  
**LEL:** Not Established  
**UEL:** Not Established

<b>Extinguishing Media:</b>	Dry Chemical, Carbon Dioxide
<b>Special Firefighting Procedures:</b>	Limit the spread of oil. Use air supplied equipment for fighting interior fires.
<b>Unusual Fire &amp; Explosion Hazards:</b>	Not established

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

<b>Methods for Cleaning Up:</b>	Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.
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#### 7. HANDLING AND STORAGE

##### Handling

<b>Safe Handling:</b>	Keep away from fire and open flames. Do not overheat.
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##### Storage

<b>Requirements for Storage Areas and Containers:</b>	Store in a cool (17-22°C), dry location, in a sealed container.
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#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Eye:</b>	Safety glasses should be worn.
<b>Skin/Body:</b>	Gloves should be worn.
<b>Respiratory:</b>	Not needed under normal conditions of use.
<b>Ventilation:</b>	Proper ventilation is recommended.
<b>Other:</b>	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
<b>Work/Hygiene Practice:</b>	Normal work and hygiene practices for handling non-hazardous liquid material.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear, pale yellow
<b>Odor:</b>	Characteristic, bland, fatty oil
<b>pH:</b>	N/A
<b>Vapor Pressure (mm Hg.):</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A
<b>Boiling Point:</b>	> 300°C
<b>Cloud Point:</b>	~5°C
<b>Flash Point:</b>	< 260°C (Open Cup)
<b>Melting Point:</b>	N/A
<b>Viscosity, cp, 25°C:</b>	85
<b>Refractive Index, n<sub>D</sub>25:</b>	1.470
<b>Iodine Value (Wijs):</b>	92
<b>Acid Value, Max:</b>	0.06
<b>Saponification Value:</b>	169
<b>Unsaponifiable Matter:</b>	0.1%
<b>Density, g/ml, 25°C:</b>	0.91
<b>Solubility in Water:</b>	Insoluble
<b>Water Reactive:</b>	No

#### 10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to Avoid):	None known
Hazardous Decomposition or Byproducts:	None known
Conditions to Avoid:	None known
Hazardous Polymerization:	Will Not Occur

#### 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50 (Oral; Rat): > 5.0 g/kg
Further Toxicological Information:	Non irritant, no adverse health effects known
Medical Conditions Generally Aggravated by Exposure:	None
Irritancy:	Skin: Not expected to be an irritant Eyes: Not expected to be an irritant
Carcinogenicity:	None
Reproductive Toxicity:	N/A
Teratogenicity:	N/A
Mutagenicity:	N/A
Name of toxicologically synergistic products:	N/A

#### 12. ECOLOGICAL INFORMATION

Ecological Effects:	No adverse eco-toxic effects known
Fish Toxicity:	No Data
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.
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#### 14. TRANSPORT INFORMATION

DOT Classification:	Not regulated
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Packing Group:	NA
ID Number:	NA
Hazard:	NA

#### 15. REGULATORY INFORMATION

No specific regulatory requirements

#### 16. ADDITIONAL INFORMATION

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

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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.