



## MATERIAL SAFETY DATA SHEET

# MORINGA OIL

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** MORINGA OIL (REFINED)  
**Product Use:** Personal Care Formulations  
**Company Name:** Natural Sourcing  
**Company Address:** 341 Christian Street, Oxford, CT 06478, USA  
**Date Issued:** 4/14/2009  
**Emergency Telephone Number:** Chemtrec Tel: (800) 262-8200

### 2. COMPOSITION/INGREDIENT INFORMATION

**Ingredients:**  
Vegetable Oil Triglycerides 100% from Moringa Oleifera Kernels  
**Hazardous Components:** None  
**CAS #:** 93165-54-9

### 3. HAZARDS IDENTIFICATION

**Routes of Entry**  
**Eye Contact:** No known hazard  
**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:** Rinse mouth out with water. If irritation persists, seek medical advice.  
**Inhalation:** N/A  
**Medical Conditions Generally Aggravated by Exposure:** None

### 5. FIRE FIGHTING MEASURES

**Flash Point:** 250°C  
**Extinguishing Media:** Dry Chemical, Carbon Dioxide, Fog, Foam  
**Special Firefighting Procedures:** Do not use direct water jet on burning material. Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil fire. Avoid vapour inhalation. Wear positive pressure self-contained breathing apparatus & protective clothing.

**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 strong oxidizing agents, sources of ignition and open flames.

##### 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 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, pale yellow  
**Odor:** Characteristic, bland, fatty oil  
**Flash Point:** 250°C  
**Specific Gravity (H<sub>2</sub>O = 1):** 0.95 – 0.96  
**Peroxide Value:** 5.0 Max  
**Iodine Value:** 65-95  
**Saponification Value:** 190-205  
**Solubility in Water:** Insoluble

#### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of use.  
**Incompatibility (Materials to Avoid):** Avoid strong oxidizers, acids and alkali.  
**Conditions to Avoid:** None  
**Hazardous Decomposition or Byproducts:** None (thermal decomposition products are H<sub>2</sub>O and CO<sub>2</sub>)  
**Hazardous Polymerization:** Will Not Occur

#### 11. TOXICOLOGICAL INFORMATION

**Acute Oral:** No Known Data  
**Dermal:** Expected to be non-toxic by dermal route

<b>Eye:</b>	None
<b>Inhalation:</b>	N/A
<b>Medical Conditions Generally Aggravated by Exposure:</b>	None
<b>Irritancy:</b>	Skin: Not expected to be an irritant Eyes: Not expected to be an irritant

#### 12. ECOLOGICAL INFORMATION

<b>Biodegradation:</b>	Readily biodegradable
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#### 13. DISPOSAL CONSIDERATIONS

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

<b>DOT Classification:</b>	Not a DOT controlled material (USA).
<b>Class/Division:</b>	Not restricted
<b>Proper Shipping Name:</b>	NA
<b>Label:</b>	None
<b>Packing Group:</b>	NA
<b>ID Number:</b>	NA
<b>Hazard:</b>	NA

#### 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.