

## MATERIAL SAFETY DATA SHEET

# EMU OIL

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** EMU 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:**  
Rendered and refined fat from emu 100%  
**Hazardous Components:** None  
**CAS #:**

### 3. HAZARDS IDENTIFICATION

**Routes of Entry**  
**Eye Contact:** No known hazard  
**Skin Contact:** Non-irritant to most skin types  
**Ingestion:** Edible, ingestion should not cause problems  
**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  
**Ingestion:** N/A  
**Inhalation:** N/A  
**Medical Conditions Generally Aggravated by Exposure:** None

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Carbon dioxide, dry chemical powder, BCF or alcohol stable foam.  
**Unsuitable Extinguishing Media:** Water  
**Special Firefighting Procedures:** Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. Cool containers exposed to heat with water spray.  
**Unusual Fire & Explosion Hazards:** Not established

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

<b>Personal Protection:</b>	Not required
<b>Environmental Protection:</b>	Not required
<b>Methods for Cleaning Up:</b>	Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Area may be slippery; take precautions. Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approval methods.

## 7. HANDLING AND STORAGE

### Handling

<b>Safe Handling:</b>	Keep away from oxidizing agents, excessive heat and sources of ignition.
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### Storage

<b>Requirements for Storage Areas and Containers:</b>	Emu Oil is an edible oil and should not pose problems with transportation or storage. However, it should not be stored or transported with toxic chemicals, flammable gases, explosives, oxidizing agents, and spontaneously combustible substances. Store in a cool area and keep containers closed to avoid contamination from impurities.
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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Exposure Limits:</b>	Not considered hazardous There is no known TLV for Emu Oil
<b>Eye:</b>	Not required but safety glasses may be worn.
<b>Skin/Body:</b>	Not required but lab coats and gloves may be worn.
<b>Respiratory:</b>	Not needed under normal conditions of use.
<b>Ventilation:</b>	Not required
<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>	At 20°C it is a semi-solid white mass, at 60°C a practically clear yellow, colored liquid.
<b>Color:</b>	Creamy white
<b>Odor:</b>	Characteristic, fatty
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	0.95 g/cm <sup>3</sup>
<b>Acid Value: (% oleic)</b>	0.64
<b>Vapor Pressure (mm Hg.):</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A
<b>Flash Point:</b>	>140°C
<b>Boiling Point:</b>	150°C
<b>Water Content:</b>	0.04% w/w
<b>Refractive Index:</b>	1.457
<b>Saponification Value:</b>	194.1

Peroxide Value:	0
Iodine Value:	72.2
Free Fatty Acid:	0.07
Solubility in Water:	Insoluble
Water Reactive:	No

#### 10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to Avoid):	Avoid strong oxidizers
Hazardous Decomposition or Byproducts:	Not available
Conditions to Avoid:	Avoid temperatures over 60° C for cosmetic applications
Hazardous Polymerization:	Will Not Occur

#### 11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:	None
Toxicity Data:	Non Toxic
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 Information:	No ecological hazards are associated with this product.
Biodegradability:	Biodegradable

#### 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not put into sewer lines. Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approval methods.
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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**

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.