NATURAL SOURCING™
Specialists in Cosmeceutical Ingredients

341 Christian Street, Oxford, CT 06478 USA
Tel: (203) 267-6061 Fax: (203) 267-6065
info@naturalsourcing.com

MATERIAL SAFETY DATA SHEET
EUCALYPTUS GLOBULUS OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	**EUCALYPTUS GLOBULUS ESSENTIAL OIL**
Product Use:	Personal Care Formulations
Company Name:	Natural Sourcing
Company Address:	341 Christian Street, Oxford, CT 06478, USA
Date Issued:	6/19/2008
Emergency Telephone Number:	**Chemtrec Tel: (800) 262-8200**

2. COMPOSITION/INGREDIENT INFORMATION

Composition:

Steam distilled Eucalyptus Oil	100% by weight
Exposure Limits:	Not Available
CAS #:	8000-48-4
FEMA #:	2466

3. HAZARDS IDENTIFICATION

Routes of Entry:

- Eyes
- Skin
- Ingestion
- Inhalation

Eye Contact:	Moderate irritation may occur.
Skin Contact:	Irritation may occur with prolonged or repeated exposure.
Ingestion:	No Information
Inhalation:	Vapor may be irritating to throat, lungs and pulmonary tract.

4. FIRST AID MEASURES

Eyes:	Remove lenses if applicable. Flush with plenty of water or eye wash solution for 15 minutes holding lids apart. Get medical attention if irritation persists.
Skin:	Remove contaminated clothing. Thoroughly wash the affected area with soap and water. Flush with large quantities of water. Cover with emollient or pure vegetable oil. Seek medical attention if irritation persists.
Ingestion:	Seek medical attention or contact local poison control center immediately. Administer water or milk to dilute if advised by medical expert. Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation.
Inhalation:	Remove to fresh air. Seek medical attention if necessary.
Medical Conditions Generally	No information

Aggravated by Exposure:

5. FIRE FIGHTING MEASURES

Flash Point (Method Used):	49° C Tag Closed Cup
Flammable Limits	**LEL:** Not Established **UEL:** Not Established
Extinguishing Media:	• Dry Chemical • Carbon Dioxide • Foam **Note:** Do not use water spray except to cool containers
Special Firefighting Procedures:	• Wear positive pressure, self contained breathing apparatus. • Wear protective clothing to prevent contact with skin and eyes. • Remove containers from fire area. • Spray extinguishing media directly into the base of the flames. • Water is unsuitable for use on burning materials but may be used to cool containers exposed to heat.
Unusual Fire & Explosion Hazards:	None known

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	• Chemical splash goggles should be worn. • If in a confined area, a certified/approved vapor respirator should be used. • Remove individuals if they do not have respiratory/dust protection. • Wear protective clothing and chemical resistant gloves. **Note:** Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product
Environmental Protection:	Notify authorities if large amounts of product enters sewer.
Methods for Cleaning Up:	• Remove any source of flame or sparks. • Ventilate area • Prevent liquid from entering the sewers. • Recover spilled material with pump or absorb onto an inert, absorbent substrate and sweep up. • Wash area with soap and water.

7. HANDLING AND STORAGE

Handling	
Safe Handling:	• Wear safety glasses and chemical resistant gloves. • Keep away from oxidizing agents, excessive heat, light and sources of ignition.
Storage	
Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container in a well ventilated area away from sources of ignition.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:	• Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their

respective threshold limit value.
- Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection

Eye:	Chemical splash goggles or face shield should be worn.
Skin/Body:	Lab coats, boots and chemical resistant gloves should be worn.
Respiratory:	Use adequate ventilation or NIOSH-approved respiratory devices if vapor concentration is high due to heat.
Ventilation:	Handle in well ventilated areas. Ventilation meeting ACGIH Standards should be employed.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Use good personal hygiene practices. Limit exposure to product whenever possible. Wash contaminated clothing or shoes before each use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear, pale yellow to amber orange
Odor:	Characteristic of eucalyptus
Specific Gravity (@20C):	.909-.919
Refractive Index (@20C):	1.458~1.465
Flash Point:	49°C Tag Closed Cup
Boiling Point:	N/A
Melting Point:	N/A
Solubility in Water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use
Conditions to Avoid:	Keep away from sources of ignition, flame and heat. Avoid hot work and sources of ignition on or near empty containers.
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or Byproducts:	None
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

CAUTION: Liquid may be irritating to eyes and skin.

ACGIH TLV:	None established
OSHA PEL:	None established
Carcinogenicity:	NTP Monograph: None established IARC Monograph: None established
Acute Toxicity Data:	Oral LD50: None established Dermal LD50: None established Inhalation LC50: None established
Health Hazards (Acute & Chronic):	Ingestion of large quantities: None established Inhalation: None established Skin Contact: Liquid may be irritating Eye Contact: Liquid may be irritating

	Note: The above effects are based on evaluation of individual components, the relevancy to the mixture as a whole or to humans is unknown. Handling of this fragrance that results in inhalation of fumes, may cause severe adverse health effects.
Other Effects:	None established

12. ECOLOGICAL INFORMATION

Biodegradability:	Not determined
Aquatic Toxicity:	Not determined
Bioaccumulation Potential:	Not determined

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Proper Shipping Name:	Flammable Liquid N.O.S. (EUCALYPTUS OIL)
UN #:	1993
UN Packing Group:	111
ERG #:	128
Transport Class Information:	Air: 3 Steamer: 3 Required Labels: Flammable Liquid

15. REGULATORY INFORMATION

HMIS (U.S.A.):	Health: 1	Fire: 2	Reactivity: 0
		Personal Protection: B	
R-Phrase:	NA		
S-Phrase:	NA		

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

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.