



MATERIAL SAFETY DATA SHEET

FRACTIONATED COCONUT OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	FRACTIONATED COCONUT OIL
Product Class:	Fatty acid ester
Product Use:	Personal Care Formulations
Company Name:	Natural Sourcing
Company Address:	341 Christian Street, Oxford, CT 06478, USA
Date Issued:	2/24/2009
Emergency Telephone Number:	Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:	
Vegetable Oil Triglycerides	100% (mixed decanoate and octanoate)
Hazardous Components:	None
CAS #:	73398-61-5

3. HAZARDS IDENTIFICATION

Eye Contact:	May cause irritation
Skin Contact:	Not expected to be a primary skin irritant. Prolonged or excessive skin contact with this product may cause mild skin irritation.
Ingestion:	No significant adverse effects are expected upon ingestion of the product.
Inhalation:	Exposure via inhalation not likely. Inhalation of vapors or mists of the product may be irritating to the respiratory system.

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:	No need for first aid is anticipated if material is swallowed.
Inhalation:	If symptoms are experienced, remove to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, seek medical attention.
Medical Conditions Generally Aggravated by Exposure:	None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used):	> 260°C , 500°F (closed cup)
Extinguishing Media:	Dry Chemical, Carbon Dioxide, Foam, Water Fog
Special Firefighting Procedures:	Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH approved self-contained breathing apparatus with full faceplate operated in the pressure demand or other positive pressure mode.
Unusual Fire & Explosion Hazards:	None

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Emergency Action:	Ventilate closed spaces. Keep unauthorized personnel away. Prevent entry into waterways, sewers, basements or confined areas.
Personal Precautions:	Wear slip proof shoes.
Methods for Cleaning Up:	Absorb onto an inert, absorbent substrate and sweep up. Dispose of waste in chemical waste containers. Wash area with soap and water.

7. HANDLING AND STORAGE

Handling	
Safe Handling:	Avoid contact with eyes. Wash thoroughly after handling. Do not overheat.
Storage	
Requirements for Storage Areas and Containers:	Store in a cool, dry, ventilated location, in a sealed container. Keep away from fire and open flames. Avoid freezing or excessive heat.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:	Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces. Eye wash fountain and safety showers are recommended.
Eye:	Safety glasses are recommended.
Skin/Body:	Impervious gloves should be worn.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation.
Ventilation:	A mechanical exhaust/ventilation system is recommended.
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 to yellow
Odor:	Characteristic, bland, fatty oil
Flash Point:	260°C, 550°F
Specific Gravity (H2O = 1):	0.949 g/ml @ 25°C (7.896 lb/gal)
Freezing Point:	-5°C, 23°F

Evaporation Rate: Estimated slower than ethyl ether
Viscosity: 25 cps @ 25°C

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Incompatibility (Materials to Avoid): Avoid flames and strong oxidizers. This product may react with strong alkalies.
Hazardous Decomposition or Byproducts: None known
Conditions to Avoid: Avoid excessive heat or freezing
Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: Not listed as carcinogenic according to IARC, NTP, or OSHA
LD₅₀ Value: Oral LD₅₀ [Rat]: > 15,000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available

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 regulated

15. REGULATORY INFORMATION

Inventories: All components of this product are listed on the following Inventories: USA (TSCA), Canada (DSL), Europe (EINECS/ELINCS/Polymer/NLP), Japan (ENCS), Australia (AICS), Korea (ECL), China (EICS), Philippines (PICCS)
There is no calculable reportable quantity (RQ) for this product.
Hazard Ratings: **HMIS:** Health: 1 Flammability: 1 Reactivity: 0 PPE: X
NFPA: Health: 1 Flammability: 1 Reactivity: 0

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.