



MATERIAL SAFETY DATA SHEET

JOJOBA ESTERS, 70

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	JOJOBA ESTERS, 70
Product Use:	Personal Care Formulations
Company Name:	Natural Sourcing
Company Address:	341 Christian Street, Oxford, CT 06478, USA
Date Issued:	6/1/2008
Emergency Telephone Number:	Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Chemical Identity:	Jojoba Wax Esters (average Molecular Weight: 610)
Composition:	Pure 100% Jojoba Oil
Hazardous Components:	None
Exposure Limits:	N/A
CAS #:	61789-91-1

3. HAZARDS IDENTIFICATION

Routes of Entry:	<ul style="list-style-type: none">• Eyes• Skin• Ingestion• Inhalation
Eye Contact:	Slight Irritant
Skin Contact:	Unlikely to cause skin irritation unless exposure is excessive and/or prolonged.
Ingestion:	Inedible product, if ingested seeks medical attention.
Inhalation:	N/A

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 occurs.
Ingestion:	Call Physician for advice.
Inhalation:	N/A
Medical Conditions Generally Aggravated by Exposure:	None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used):	> 290 °C (Cleveland Closed Cup)
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Flammable Limits	LEL: Not Established UEL: Not Established
Auto Ignition Temperature:	No information
Hazardous Combustion Products:	Combustion produces carbon monoxide, carbon dioxide, and thick smoke. In general, products of combustion may be irritating and toxic. <ul style="list-style-type: none"> • Dry Chemical • Carbon Dioxide • Foam
Extinguishing Media:	
Special Firefighting Procedures:	Note: Do not use water except to cool containers. <ul style="list-style-type: none"> • Combustible material. • Use air supplied equipment for fighting interior fires. • Cool fire exposed containers with water spray.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)
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Personal Protection:	Safety goggles. Avoid eye and prolonged skin exposure.
Environmental Protection:	Notify authorities if large amounts of product enters sewer.
Methods for Cleaning Up:	<ul style="list-style-type: none"> • Absorb onto an inert, absorbent substrate and sweep up. • Wash area with soap and water. Area may be slippery; take precautions.

7. HANDLING AND STORAGE

Handling	
Safe Handling:	<ul style="list-style-type: none"> • Wear safety glasses. • Keep away from oxidizing agents, excessive heat and sources of ignition.
Storage	
Requirements for Storage Areas and Containers:	Store in a cool (below 35 °C), dry location, in a sealed container in a well ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION
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Engineering Controls:	None
Personal Protection	
Eye:	Safety glasses should be worn.
Skin/Body:	Lab coats and gloves may be worn.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.
Ventilation:	Handle in well ventilated areas.
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 material.

9. PHYSICAL AND CHEMICAL PROPERTIES
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Physical State:	Solid, Flakes
Color:	White

Odor:	Characteristic, mild to none
Specific Gravity:	0.86
Acid Value: (% oleic)	--
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Flash Point:	> 290 °C
Boiling Point:	> 225 °C
Melting Point:	42-70 °C
Volatiles:	< 0.1%
Solubility in Water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Excessive heat, sources of ignition.
Incompatibility (Materials to Avoid):	Avoid strong oxidizers
Hazardous Decomposition or Byproducts:	Combustion produces carbon monoxide, carbon dioxide, and thick smoke. In general, products of combustion may be irritating and toxic.
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: Prolonged contact may cause skin irritation. 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:	This material is readily biodegradable and unlikely to accumulate in the aquatic environment. Discharge of large quantities into the aquatic environment may kill fish and other aquatic organisms by oxygen depletion caused by rapid biodegradation.
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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:	65
Proper Shipping Name:	Vegetable Oil Esters

15. REGULATORY INFORMATION

US:

This material is intended to be used as a cosmetic ingredient and is exempt from Toxic Substances Control Act (TSCA) regulation (40 CFR 710) when used as such. Do not use for other purposes. All ingredients not confirmed on the TSCA Chemical Substance Inventory.

EC:

This product is not classified as "Dangerous" according to the health and physical properties criteria of the EU Directives on the classification of substances and preparations.

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

This product is not considered hazardous.

This product does not contain any chemicals subject to the reporting requirements of 40 CFR 355, 370, and 372 (SARA Section 313).

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.