NATURAL SOURCING™
Specialists in Cosmeceutical Ingredients

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

MATERIAL SAFETY DATA SHEET

MIXED TOCOPHEROLS

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	**MIXED TOCOPHEROLS**
Product Use:	Personal Care Formulations
Company Name:	Natural Sourcing
Company Address:	341 Christian Street, Oxford, CT 06478, USA
Date Issued:	6/26/2008
Emergency Telephone Number:	**Chemtrec Tel: (800) 262-8200**

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:	
Mixed tocopherols (D-α & β-γ-δ tocopherols)	> 50%
Soybean Oil	Remainder
Hazardous Components:	None
CAS #:	1406-18-4

3. HAZARDS IDENTIFICATION

Notes: The toxicological properties of this substance have not been fully investigated. This substance has caused adverse reproductive and fetal effects in animals. May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Target Organs:	No data found
Eye Contact:	Mild eye irritation may occur
Skin Contact:	Mild skin irritation may occur
Ingestion:	Mild irritation of the digestive tract may occur
Inhalation:	May cause respiratory tract irritation.

4. FIRST AID MEASURES

Eyes:	Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin:	Remove contaminated clothing. Wash with soap and water- get medical attention if irritation occurs.
Ingestion:	Seek medical attention. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cups of milk or water to dilute.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
Medical Conditions Generally Aggravated by Exposure:	None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used):	N/A
Flammable Limits	
LEL:	Not Established
UEL:	Not Established
Extinguishing Media:	Dry Chemical, Carbon Dioxide, Foam
Special Firefighting Procedures:	Combustible material. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. Cool fire exposed containers with water.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	See Section 8
Environmental Protection:	Notify authorities if large amounts of product enters sewer.
Methods for Cleaning Up:	Avoid generating dusty conditions. Provide ventilation. 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:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin and clothing. Wear safety glasses. Avoid ingestion and inhalation. Keep away from oxidizing agents, excessive heat 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.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:	Provide eyewash stations and safety showers near work stations. Use adequate ventilation to keep airborne concentrations low.
Eye:	Safety glasses should be worn.
Skin/Body:	Lab coats and gloves should be worn.
Respiratory:	Use adequate ventilation or NIOSH-approved respiratory devices.
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 liquid material.
Personal Protection in Case of a Large Spill:	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.
Exposure Limits:	Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid, oily
Color:	Clear, amber
Odor:	Characteristic
Specific Gravity (H2O = 1):	about 0.93 g/cm3 at 25C
Acid Value: (% oleic)	N/A
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	> 1
Flash Point:	N/A
Boiling Point:	Decomposes
Melting Point:	N/A
Evaporation Rate:	N/A
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

Toxicity Data:	LD50 Oral [Rat]: 5000 mg/kg LC50 Inhalation [Rat]: N/A LD50 Dermal [Rat]: 2000 mg/kg (highest dose tested) Skin Irritation (guinea pig): None Repeated Application (guinea pig): Slight irritation Skin Sensitization (guinea pig): None Eye Irritation [Rabbit]: Slight
Carcinogenicity:	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA
Reproductive Toxicity:	No information
Teratogenicity:	No information
Mutagenicity:	No information
Name of toxicologically synergistic products:	No information

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
BOD5 and COD:	Not available
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the products of biodegradation:	The products of degradation are less toxic than the product itself.
Special Remarks:	Not 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:	No information
Canadian TDG:	No information

15. REGULATORY INFORMATION

TSCA:	Mixed tocopherols are listed on the TSCA inventory.
Health & Safety Reporting List:	None of the chemicals are on the HSRL
Chemical Test Rules:	None of the chemicals in this product are under a Chemical Test Rule.
Section 12b:	None of the chemicals in this product are listed under TSCA Section 12b.
TSCA Significant New Use Rule:	None of the chemicals in this material have a SNUR under TSCA.
SARA:	Section 302 (RQ) - None of the chemicals in this material have an RQ Section 302 (TPQ) - None of the chemicals in this material have an TPQ Section 313 - No chemicals are reportable under Section 313
OSHA:	None of the chemicals in this material are considered highly hazardous by OSHA.
State:	Mixed tocopherols are not present on state lists from CA, PA, MN, MA, FL or NJ. California No Significant Risk Level: None of the chemicals in this product are listed.
Risk Phrases:	None
Safety Phrases:	WGK (Water Danger/Protection)

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.