

MATERIAL SAFETY DATA SHEET

CARROT OIL EXTRACT

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: CARROT OIL EXTRACT
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:
Carotenes, carotenoids, tocopherols and other substances extracted from carrot root in a soybean oil.
Hazardous Components: None
CAS #:

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: No known hazard
Skin Contact: No known hazard
Ingestion: No known hazard
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- get medical attention if irritation occurs.
Ingestion: Do not induce vomiting – seek medical immediate attention
Inhalation: Remove to fresh air
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam
Unsuitable Extinguishing Media: Water
Special Firefighting Procedures: Do not breathe in fumes. Wear self contained breathing apparatus.
Unusual Fire & Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	Usual precautions for handling chemicals
Environmental Protection:	Notify authorities if large amounts of product enters sewer.
Methods for Cleaning Up:	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:	Wear safety glasses. Avoid breathing vapors. Keep away from oxidizing agents, excessive heat and sources of ignition. Material may charge electrostatically - use grounding leads when transferring from one container to another.
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Storage

Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container in a well ventilated area.
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8. EXPOSURE CONTROL/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.
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 liquid material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid, oily
Color:	Deep red
Odor:	Characteristic
Specific Gravity (H₂O = 1):	N/A
Acid Value: (% oleic)	N/A
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Flash Point:	320° C
Boiling Point:	N/A
Density:	0.921 g/cm ³
Viscosity: (20C)	60 mPa.s
Evaporation Rate:	N/A
Solubility in Water:	Insoluble
Water Reactive:	No

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to Avoid):	None known
Hazardous Decomposition or	When exposed to fire or excessive heat, the triglycerides in this

Byproducts: product may form acrolein.

Conditions to Avoid: None

11. TOXICOLOGICAL INFORMATION

LD50/LC50 values that are relevant for classification:

Specification: LD-50

Routes of Entry: Oral

Value/Dosage > 5 ml/kg

Findings: Non - Toxic

Primary Irritant Effect: Skin: Not expected to be an irritant
Eyes: Not expected to be an irritant
Sensitization: Non sensitizing

12. ECOLOGICAL INFORMATION

Ecological Information: No ecological hazards are associated with this product. Product is biodegradable.

13. DISPOSAL CONSIDERATIONS

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

Contaminated Packaging: Must be emptied of all residues and following appropriate cleaning, may be sent to a recycling plant. Unclean packaging must be disposed of in the same manner as the medium.

14. TRANSPORT INFORMATION

This product does not constitute a hazardous substance in national/international road, rail, sea and air transport.

15. REGULATORY INFORMATION

Classification according to EC directives: No danger symbols

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.