

MATERIAL SAFETY DATA SHEET

FRAGRANCE OIL MANDARIN

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	FRAGRANCE OIL – MANDARIN
Product ID:	2048264
Product Use:	Personal Care Formulations
Company Name:	Natural Sourcing
Company Address:	341 Christian Street, Oxford, CT 06478, USA
Date Issued:	1/8/2009
Emergency Telephone Number:	Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Chemical Identity:

Composition & Hazardous Components:

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret. This mixture contains no suspected carcinogens as reported by NTP, ACGIH, OSHA or IARC at 0.1% or greater. One or more of the components present in greater than 1% concentration may present the following health effects based on evaluation of the individual components:

May cause eye, skin or respiratory irritation.

The above effects are based on evaluation of individual components and the relevancy to the mixture as a whole or to humans is unknown. Excessive exposure may cause similar effects.

In humans, one or more of the individual components may cause the following health effects:

May be irritating to eyes and skin.

3. HAZARDS IDENTIFICATION

Routes of Entry:

- Eyes
- Skin
- Ingestion
- Inhalation

Eye Contact:

Direct contact may cause irritation

Skin Contact:

Direct contact may cause irritation

Ingestion:

May be harmful if swallowed

Inhalation:

Breathing concentrated vapors may cause respiratory irritation.

4. FIRST AID MEASURES

Eyes:	<ul style="list-style-type: none">• Remove lenses if applicable.• Flush with plenty of water or eye wash solution for 15 minutes.• Get medical attention if irritation persists.
Skin:	<ul style="list-style-type: none">• Wash with soap and water• Get medical attention if irritation occurs.
Ingestion:	<ul style="list-style-type: none">• If swallowed, immediately dilute with two 8 ounce glasses of water or milk.• Seek medical attention immediately.
Inhalation:	<ul style="list-style-type: none">• Remove to fresh air.• If breathing is stopped or irregular, administer artificial respiration and oxygen. Seek medical attention.
Medical Conditions Generally Aggravated by Exposure:	None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used):	>122°C
Flammable Limits	LEL: Not Established UEL: Not Established
Auto Ignition Temperature:	No information
Hazardous Combustion Products:	No information
Conditions Under Which Flammability Could Occur:	No information
Extinguishing Media:	<ul style="list-style-type: none">• Dry Chemical• Carbon Dioxide• Foam <p>Note: Do not use water except to cool containers exposed to fire.</p>
Special Firefighting Procedures:	<ul style="list-style-type: none">• Use self contained breathing apparatus.• Protective clothing.
Unusual Fire & Explosion Hazards:	None found

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	N/A
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:	<ul style="list-style-type: none">• Store in a cool, dry location, in a sealed container in a well ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:	Eye wash stations and safety showers should be easily accessible.
Personal Protection	
Eye:	Safety glasses, splash goggles or face shield should be worn.
Skin/Body:	Lab coats and chemical resistant gloves should be worn.
Respiratory:	Not needed under normal conditions of use in well ventilated areas. Use NIOSH-approved respiratory devices if ventilation is not adequate.
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 chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Yellow
Odor:	Characteristic
Specific Gravity (H₂O = 1):	--
Acid Value: (% oleic)	--
Vapor Pressure (mm Hg.):	--
Vapor Density (AIR = 1):	--
Flash Point:	>122° C
Boiling Point:	--
Melting Point:	--
Evaporation Rate:	--
Solubility in Water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to Avoid:	Sources of ignition, open flames, excessive heat or cold
Incompatibility (Materials to Avoid):	No information
Hazardous Decomposition or Byproducts:	No information
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:	May be irritating to eyes, skin, mucous membranes and respiratory system.
Effects of Overexposure:	None currently known
Threshold Limit Value:	Not established
Medical Conditions Generally Aggravated by Exposure:	None
Irritancy:	Skin: Potential Irritant Eyes: Potential 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: No information

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Used containers may contain flammable or combustible residue. Dispose of according to local, state and federal regulations. Do not put into sewer lines.

14. TRANSPORT INFORMATION

DOT Classification:	Not regulated
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Packing Group:	NA
ID Number:	NA
Hazard:	NA

15. REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 2 Reactivity: 0 Personal Protection: C

The components of this product are found in the TSCA inventory.

The components of this product are found in the DSL-NDSL.

This product needs Current RIFM/IFRA Guidelines for:

Skin contacting product up to maximum concentration of 0.0000%

Non-skin contacting product up to a maximum concentration of 0.0000%

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

This product is not subject to reporting requirements of Section 313 of Title III of Superfund Amendments And Reauthorization Act of 1986 and 40 CFR part 372.

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.