MATERIAL SAFETY DATA SHEET

FRAGRANCE OIL FIG

1. PRODUCT NAME AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>FRAGRANCE OIL – FIG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product ID:</td>
<td>2045980</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Personal Care Formulations</td>
</tr>
<tr>
<td>Company Name:</td>
<td>Natural Sourcing</td>
</tr>
<tr>
<td>Company Address:</td>
<td>341 Christian Street, Oxford, CT 06478, USA</td>
</tr>
<tr>
<td>Date Issued:</td>
<td>08/06/2013</td>
</tr>
<tr>
<td>Emergency Telephone Number:</td>
<td>Chemtrec Tel: (800) 262-8200</td>
</tr>
</tbody>
</table>

2 HAZARDS IDENTIFICATION

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of 1910.1200 of title 29 of the US Code of Federal Regulations.

Emergency Overview of OSHA Hazards

Flammability: Class IIIB Combustible Liquid
Acute Dermal/Eye: 16 Causes eye irritation.
12 Causes moderate skin irritation.
9 Harmful if absorbed through the skin.
Acute Oral: 2 Harmful if swallowed.
4 Harmful or fatal in swallowed; can enter lungs and cause damage.
Genotoxicity: 36 Suspected of causing genetic defects.
Sensitization/Allergic Response: 31 May cause allergic skin reaction.
Target Organ Effects: 26 Prolonged or repeated ingestion may cause damage to kidneys, liver, spleen, blood, bile duct.
Carcinogenicity: This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:
None (X)  ACGIH ( )  IARC ( )  NTP ( )  OSHA ( )

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Identification:</th>
<th>Perfumery Compound (Mixture)</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCI Name:</td>
<td>Fragrance</td>
</tr>
</tbody>
</table>
A multi component mixture of fragrance ingredients. The specific chemical identities of the ingredients not listed herein are considered to be Trade Secrets and are withheld in accordance with the provisions of Title 29 of the US Code of Federal Regulations.

**Fragrance Compound:**
This product is a complex mixture of fragrance ingredients, which contains among others the following substances, presenting a health or environmental hazard within the meaning of OSHA Hazard Communication Standard 29CFR1910.1200 (HCS), or having an occupational Exposure Limit:

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Ingredients</th>
<th>Risk Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>118-58-1</td>
<td>Benzyl Salicylate</td>
<td>31</td>
</tr>
<tr>
<td>121-33-5</td>
<td>Vanillin</td>
<td>31</td>
</tr>
<tr>
<td>68606-83-7</td>
<td>Cananga Oil</td>
<td>3, 12, 16, 31</td>
</tr>
<tr>
<td>8000-34-8</td>
<td>Eugenia caryophyllus (Clove) leaf oil</td>
<td>4, 12, 31, 36</td>
</tr>
<tr>
<td>8001-61-4</td>
<td>Copaifera officinalis (Balsam)</td>
<td>4, 12</td>
</tr>
<tr>
<td>91-64-5</td>
<td>Coumarin</td>
<td>2, 9, 12, 15, 26, 31</td>
</tr>
</tbody>
</table>

**Total Hydrocarbon Content (% w/w):** 1.06

### 4. FIRST AID MEASURES

**Eyes:**
- Remove lenses if applicable.
- Flush with plenty of water or eye wash solution for 15 minutes.
- Get medical attention if irritation persists.

**Skin:**
- Get medical attention if irritation persists.
- Wash with soap and water
- Get medical attention if irritation occurs.
- Rinse mouth with water
- Seek medical attention immediately.
- Remove to fresh air.

**Inhalation:**
- 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):** > 200°F (93.33°C)

**Flammability:** Class IIIB Combustible Liquid
- Dry Chemical
- Carbon Dioxide
- Foam

**Extinguishing Media:**

**Note:** Do not use water except to cool containers exposed to fire.
- Use self contained breathing apparatus.
- Protective clothing.
- Use water spray to cool containers exposed to fire.

**Special Firefighting Procedures:**

**Unusual Fire & Explosion Hazards:** None found
6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection: Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

Environmental Protection: Notify authorities if large amounts of product enter sewer.

Methods for Cleaning Up:
- Remove ignition sources.
- Provide adequate ventilation
- Avoid excessive inhalation of vapors
- 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.
- 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.
- Avoid plastic and uncoated metal containers.
- Keep air contact to a minimum.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye wash stations and safety showers should be easily accessible. Use closed systems to transfer fragrances whenever possible. If appropriate, isolate these areas under negative air pressure relative to the rest of the plant. Use local exhaust ventilation meeting ACGIH design criteria around tanks and other source of potential exposures, including places where fragrance are openly weighed or measured, as well as general dilution ventilation of the work area to eliminate or reduce possible worker exposures.

Engineering Controls:

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: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

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

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color:</td>
<td>Yellow</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1):</td>
<td>--</td>
</tr>
<tr>
<td>Acid Value: (% oleic)</td>
<td>--</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>--</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1):</td>
<td>--</td>
</tr>
</tbody>
</table>
Flash Point: > 200°F (93.33°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): Avoid contact with strong acids, alkali or oxidizing agents.
Hazardous Decomposition or Byproducts: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION
Based on the ingredients in this mixture and their concentrations in accordance with the provisions of 1910.1200 of title 29 of the US Code of Federal Regulations:

Acute Oral Toxicity (RAT) Overall (Calculated Estimate) LD50: 2451.24 mg/kg
4 Harmful or fatal in swallowed; can enter lungs and cause damage.
8000-34-8 Eugenia caryophyllus (Clove) Leaf Oil (LD50=2650 mg/kg)
8001-61-4 Copaifera officinalis (Balsam Copaiba) resin (LD50=3790 mg/kg)

2 Harmful if swallowed.
91-64-5 Coumarin (LD50=500 mg/kg)

Acute Dermal Toxicity (RABBIT) Overall (Calculated Estimate) LD50: 5562.15 mg/kg
9 Harmful if absorbed through the skin.
91-64-5 Coumarin (LD50=244 mg/kg)

Acute Inhalation Toxicity (RAT) Overall (Calculated Estimate) LC50: 13.70 mg/kg
None

Skin Irritation
12 Causes moderate skin irritation.
68606-83-7 Cananga oil
8000-34-8 Eugenia caryophyllus (Clove) Leaf Oil
8001-61-4 Copaifera officinalis (Balsam Copaiba) Resin
91-64-5 Coumarin

Eye Irritation
16 Causes eye irritation.
68606-83-7 Cananga oil
Sensitization/Allergic Response

31 May cause allergic skin reaction.

118-58-1 Benzyl Salicylate
121-33-5 Vanillin
68606-83-7 Cananga oil
8000-34-8 Eugenia caryophyllus (Clove) Leaf Oil
91-64-5 Coumarin

Carcinogenicity

None

Genotoxicity

36 Suspected of causing genetic defects.

8000-34-8 Eugenia caryophyllus (Clove) Leaf Oil

Reproductive Development

None

Target Organ Effects

26 Prolonged or repeated ingestion may cause damage to kidneys, liver, spleen, blood, bile duct.

91-64-5 Coumarin

12. ECOLOGICAL INFORMATION

Ecological Information:

Avoid contamination of soil, ground and surface water. While no specific environmental toxicity or related data is available, fragrance compositions are not expected to accumulate in the environment and environmental problems are not expected under normal conditions of use.

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

US DOT (Non-Bulk): Not Regulated - Not Dangerous Goods
Chemicals NOI

ADR/RID (International Road/Rail):
Environmentally Hazardous Substance, Liquid, n.o.s.
Class: 9
Pack Group: III
UN-nr: UN3082

IATA (Air Cargo):
Environmentally Hazardous Substance, Liquid, n.o.s.
Class: 9
Pack Group: III
UN-nr: UN3082
15. REGULATORY INFORMATION

The components of this product are in compliance, either listed or exempt, with the TSCA inventory of Chemical Substances: YES

100.00% of the components of this fragrance product are found on the Canadian DSL.

The following ingredients are NOT found on the DSL, status as noted:

<table>
<thead>
<tr>
<th>Chemical Class</th>
<th>CAS #</th>
<th>Concentration (% by wt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

United States Code of Federal Regulations 40 CFR (EPCRA, SARA, CERCLA and CAA)

The proprietary mixture contains the following chemicals subject to reporting requirements under the Emergency Planning and Community Right-to-Know Act (EPCRA), also known as Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and chemicals listed under section 112(r) of the Clean Air Act (CAA).

<table>
<thead>
<tr>
<th>Chemical Class</th>
<th>CAS #</th>
<th>Concentration (% by wt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm (NFS = In accordance with Title 22, California Code of Regulations, Division 2, Part 2, Subdivision 1, Chapter 3, subsection (b) of Section 12501, this material is exempt from reporting as a naturally occurring chemical from a food source):

<table>
<thead>
<tr>
<th>Chemical Class</th>
<th>CAS #</th>
<th>Concentration (% by wt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safrole (NFS)</td>
<td>94-59-7</td>
<td>0.01-0.1%</td>
</tr>
<tr>
<td>Methyl eugenol (NFS)</td>
<td>93-15-2</td>
<td>0.01-0.1%</td>
</tr>
<tr>
<td>Estragole (Methyl chavicol) (NFS)</td>
<td>140-67-0</td>
<td>0.01-0.1%</td>
</tr>
</tbody>
</table>

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.