1 PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name (as labeled): ORGANIC COLD PRESSED LEMON ESSENTIAL OIL
   Botanical Name: Citrus Limonum
   INCI Name: Citrus Limonum (Lemon) Oil
   Synonyms: None
   CAS No: 8008-56-8 / 84929-31-7
   EINECS No: 284-515-8
   FEMA No: 2625

1.2 Product Use: Personal Care Formulations

1.3 Company Name: Natural Sourcing, LLC
   Company Address: 341 Christian Street, Oxford, CT 06478, USA
   Business Phone: (800) 340-0080
   Website: www.naturalsourcing.com
   Email: info@naturalsourcing.com

1.4 Emergency Telephone Number: Chemtrec: (800) 262-8200
   Date of Current Revision: June 10, 2020
   Date of Last Revision: New

2 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a pale to deep or greenish yellow liquid with a fresh lemon peel odor.
Health Hazards: May cause skin and eye irritation. Can cause allergic reaction in contact with skin. May be harmful if swallowed. May be an aspiration hazard.
Flammability Hazards: This product is considered a combustible liquid with a flashpoint of > 46 °C (115°F).
Reactivity Hazards: No data available.
Environmental Hazards: This product is toxic to aquatic organisms & may cause long-term adverse effects in aquatic environments.

US DOT Symbols:

EU and GHS Symbols:

Signal Word: Danger!

2.1 EU Labeling and Classification:
   This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.
   Components Contributing to Classification: Organic Lemon Oil
2.2 Label Elements:

**GHS Hazard Classifications:**
- Flammable Liquid Category 3
- Acute Toxicity Category 4 (Oral)
- Skin Irritation Category 2
- Skin Sensitization Category 1
- Aspiration Hazard Category 1
- Aquatic Acute Category 1
- Aquatic Chronic Category 1

**Hazard Statements:**
- H226 Flammable liquid and vapour
- H302 Harmful if swallowed
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H304 May be fatal if swallowed and enters airways
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

**Prevention Statements:**
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharges.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash area affected thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response Statements:**
- P370+P378 In case of fire: See Section 5 for appropriate media to extinguish.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor if you feel unwell.
- P330 Rinse mouth.
- P331 Do NOT induce vomiting.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P321 Specific treatment (See Section 4 of this SDS).
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P391 Collect spillage.

**Storage Statements:**
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

**Disposal Statements:**
- P501 Dispose of contents/container in accordance with local regulations.

2.3 Health Hazards or Risks From Exposure:

**Symptoms of Overexposure by Route of Exposure:**
The most significant routes of overexposure for this product are by contact with skin. The symptoms of overexposure are described in the following paragraphs.

**Acute:**
- Inhalation: May be harmful if inhaled. May cause respiratory or irritation.
- Skin Contact: May cause skin irritation upon direct contact. May cause allergic reaction.
- Eye Contact: May cause eye irritation.
- Ingestion: May be harmful if swallowed. Aspiration hazard.

**Chronic:** No data available.
Target Organs:
Acute: Skin, Eyes, Respiratory System
Chronic: No data available

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Type of Product: Natural Sourcing Organic Essential Oils

<table>
<thead>
<tr>
<th>Ingredients:</th>
<th>WT%</th>
<th>CAS No.</th>
<th>EINECS No.</th>
<th>Hazard Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Lemon Oil</td>
<td>100%</td>
<td>8008-56-8 &amp; 84929-31-7</td>
<td>284-515-8</td>
<td>Flammable Liquid Category 3, Acute Toxicity Category 4 (Oral), Skin Irritation Category 2, Skin Sensitization Category 1, Aspiration Hazard Category 1, Aquatic Acute / Chronic Category 1</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact: If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Seek medical attention if irritation persists. Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

Skin Contact: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

Inhalation: If product is swallowed, call physician or poison center if you feel unwell. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Medical Conditions Generally Aggravated by Exposure: No data available

4.2 Symptoms and Effects Both Acute and Delayed: Contact with skin and eyes may cause irritation. May cause an allergic reaction of the skin.

4.3 Recommendations to Physicians: Treat symptoms and eliminate overexposure.

5 FIRE FIGHTING MEASURES

5.1 Fire Extinguishing Materials:

Use the following fire extinguishing materials:

Water Spray: No Carbon Dioxide: Yes
Foam: Yes Dry Chemical: Yes
Halon: Yes Other: Any "B" Class

5.2 Unusual Fire and Explosion Hazards:

Use of water is not a suitable extinguishing material. In the event of a fire: formation of dangerous fumes possible.

Explosive Sensitivity to Mechanical Impact: No
Explosive Sensitivity to Static Discharge: No

5.3 Special Fire-Fighting Procedures:

- Incipient fire responders should wear eye protection.
- Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.
- Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray.
- If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.
NFPA RATING SYSTEM

Flammability

2

Health

2

Reactivity

0

Other

HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH HAZARD (BLUE) 2

FLAMMABILITY HAZARD (RED) 2

PHYSICAL HAZARD (YELLOW) 0

PROTECTIVE EQUIPMENT

<table>
<thead>
<tr>
<th>EYES</th>
<th>RESPIRATORY</th>
<th>HANDS</th>
<th>BODY</th>
</tr>
</thead>
<tbody>
<tr>
<td>See Sect 8</td>
<td>See Sect 8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard

6 ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

6.3 Spill and Leak Response:

- Collect material via broom or mop. Place in tightly sealed containers for proper disposal.
- Approach spill areas with caution.
- If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.

Small Spills:

- Place in leak-proof containers. Seal tightly for proper disposal.
- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

Large Spills:

7 HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling.

7.2 Storage and Handling Practices:

- Keep away from oxidizing agents. Store in a cool, dry location, in a sealed container in a well-ventilated area away from sources of ignition.

7.3 Specific Uses:

- Personal care formulations.

8 EXPOSURE CONTROL/PERSOANL PROTECTION

8.1 Exposure Parameters:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No.</th>
<th>OSHA PEL</th>
<th>NIOSH PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Lemon Oil</td>
<td>8008-56-8 &amp; 84929-31-7</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>
8.2 Exposure Controls:

Ventilation and Engineering Controls: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Respiratory Protection: Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

Safety glasses or goggles are required.


Chemical resistant gloves are required to prevent skin contact.


Use body protect appropriate to task being performed.

Body Protection: Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance (Physical State and Color): This product is a pale to deep or greenish yellow liquid.

Odor: Fresh lemon peel odor

Odor Threshold: Not Available

pH: Not Available

Melting/Freezing Point: Not Available

Boiling Point: 176 °C (349°F)

Flash Point: 46 °C (115°F)

Evaporation Rate: Not Available

Flammability (Solid; Gas): Not Available

Upper/Lower Flammability or Explosion Limits: Not Available

Vapor Pressure (mm Hg @ 20°C (68°F): Not Available

Vapor Density: Not Available

Relative Density: Not Available

Specific Gravity: 0.8490 – 0.8550 (@25°C)

Solubility in Water: Not Available

Weight per Gallon: Not Available

Partition Coefficient (n-octanol/water): Not Available

Auto-Ignition Temperature: Not Available

Decomposition Temperature: Not Available

Viscosity: Not Available

9.2 Other Information: No additional information available at this time.
10 STABILITY AND REACTIVITY

10.1 Reactivity: This product is not reactive.

10.2 Stability: Stable under conditions of normal storage and use.

10.3 Possibility of Hazardous Reactions: Will not occur.

10.4 Conditions to Avoid: Heat, open flame, sun light

10.5 Incompatible Substances: No data available.

10.6 Hazardous Decomposition Products: No data available.

11 TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects: No specific data available for this product.

Suspected Cancer Agent: Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

Irritancy: Expected to be a skin and eye irritant

Sensitization to the Product: This product is expected to cause respiratory and skin sensitization.

Reproductive Toxicity: No specific information is available concerning the effects of this product and its components on the human reproductive system.

12 ECOLOGICAL INFORMATION

12.1 Toxicity: Very toxic to aquatic organisms.

12.2 Persistence and Degradability: No specific data available on this product.

12.3 Bioaccumulative Potential: No specific data available on this product.

12.4 Mobility in Soil: No specific data available on this product.

12.5 Results of PBT and vPvB Assessment: No specific data available on this product.

12.6 Other Adverse Effects: May cause long-term adverse effects to aquatic environments.

12.7 Water Endangerment Class: At present, there are no ecotoxicological assessments for this product.

13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

13.2 EU Waste Code: Not determined

14 TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

14.1 U.S. Department of Transportation (DOT) Shipping Regulations:
This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

- **UN Identification Number:** UN1993
- **Proper Shipping Name:** Flammable Liquid, n.o.s. (Limonene)
- **Hazard Class Number and Description:** Class 3 – Flammable Liquid
- **Packing Group:** III
- **DOT Label(s) Required:** Flammable Liquid
- **North American Emergency Response Guidebook Number:** 128
- **RQ Quantity:** None

14.2 Environmental Hazards:

- **Marine Pollutant:** The components of this product are designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

14.3 Special Precaution for User:

When shipping with inner packaging not over 5.0L (1.3 gal) may be shipped as limited quantities.
14.4 International Air Transport Association Shipping Information (IATA): This product is considered as dangerous goods.

14.5 International Maritime Organization Shipping Information (IMO): This product is considered as dangerous goods.

14.6 Transport in Bulk According to Annex II of Marpol 73/78 and IBC Code: European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR): This product is considered by the United Nations Economic Commission for Europe to be dangerous goods.

15 REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:

United States Regulations:

U.S. SARA Reporting Requirements:
The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None

U.S. SARA Threshold Planning Quantity:
There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. CERCLA Reportable Quantity:
None

U.S. TSCA Inventory Status:
The components of this product are listed on the TSCA Inventory or are exempted from listing.

Other U.S. Federal Regulations:
None known

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):
This product does not contain ingredients on the Proposition 65 Lists.

15.2 Canadian Regulations:

Canadian DSL/NDSL Inventory Status:
Components are DSL Listed, NDSL Listed and/or are exempt from listing

Other Canadian Regulations:
Not applicable

Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

Canadian WHMIS Classification and Symbols:
This product is classified per WHMIS Controlled Product Regulations.

15.3 European Economic Community Information:
This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

Chemical Safety Assessment:
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

15.4 Australian Information for Product:
Components of this product are listed on the International Chemical Inventory list.

15.5 Japanese Information for Product:

Japanese Minister of International Trade and Industry (MITI) Status: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

15.6 International Chemical Inventories:
Listing of the components on individual country Chemical Inventories is as follows:
Australian Inventory of Chemical Substances (AiCS): Listed
Korean Existing Chemicals List (ECL): Listed
Japanese Existing and New Chemical Substances Inventory (ENCS): Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed
U.S. TSCA: Listed
16 ADDITIONAL INFORMATION

Prepared By: Natural Sourcing
Date of Printing: June 10, 2020

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. 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. Natural Sourcing, LLC. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Natural Sourcing, LLC assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

END OF SDS SHEET