SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Name: Lemoncello Fragrance Oil
   Product Code: 303-233X

1.2 Intended Use: Compound used in customer substance/mixture/product.

1.3 Supplier: Majestic Mountain Sage Inc
   2490 S 1350 W
   Nibley, 84321 - United States of America
   T 435.755.0863 - F 435.755.2108
   www.TheSage.com

1.4 Emergency Telephone Number
   No additional information available

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture
   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 the regulation(s) noted below.

   Classification According to GHS and (EC) No 1272/2008 (CLP)
   Flammable Liquids, Category 4
   Acute Toxicity Oral, Category 5
   Aspiration Hazard, Category 1
   Acute Toxicity Dermal, Category 5
   Skin Corrosion/Irritation, Category 2
   Sensitization, Skin, Category 1B
   Acute Toxicity Inhalation, Category 5
   Aquatic Acute Toxicity, Category 1
   Aquatic Chronic Toxicity, Category 2

   H227: Combustible liquid.
   H303: May be harmful if swallowed.
   H304: May be fatal if swallowed and enters airways.
   H313: May be harmful in contact with skin.
   H315: Causes skin irritation.
   H317: May cause an allergic skin reaction.
   H333: May be harmful if inhaled.
   H400: Very toxic to aquatic life.
   H411: Toxic to aquatic life with long lasting effects.
Classification OSHA (Provision 1910.1200 of title 29)

Flammability
- Class IIIA Combustible Liquid.

Acute Dermal/Eye
- 12: Causes skin irritation.
- 16: Causes eye irritation.

Acute Oral
- 3: May be harmful if swallowed or if aspirated into the lungs.

Sensitization/Allergic Response
- 31: May cause allergic skin reaction.
- 32: May cause light-induced allergic skin reaction.

Target Organ Effects
- 26: Prolonged or repeated ingestion may cause damage to: kidneys, liver, gastrointestinal tract, respiratory tract.
- 28: Prolonged or repeated dermal exposure may cause damage to: kidneys, skin.

Carcinogenicity
- This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [ ] IARC [ ] NTP [ ] OSHA [ ]

2.2 Label Elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard Pictograms

Signal Word: Danger

Hazard Statements
- H227: Combustible liquid.
- H303: May be harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H313: May be harmful in contact with skin.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H333: May be harmful if inhaled.
- H400: Very toxic to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.
Precautionary Statements

Prevention:
- P235 Keep cool.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.

Response:
- P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
- P302+P352 IF ON SKIN: Wash with soap and water.
- P304+P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire: Use Carbon dioxide (CO$_2$), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material.
- P391 Collect Spillage.

2.3 Other Hazards
No data available

SECTION 3: Composition/Information on Ingredients

3.1 Mixtures
This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

<table>
<thead>
<tr>
<th>CAS # Ingredient</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>120-51-4</td>
<td>204-402-9</td>
<td>40-50%</td>
<td>H302; H313; H400; H411</td>
<td>28, 3</td>
</tr>
</tbody>
</table>

_Benzyl Benzoate_
<table>
<thead>
<tr>
<th>CAS # Ingredient</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-86-0</td>
<td>202-983-3</td>
<td>20-30%</td>
<td>H303; H316; H317; H400; H411</td>
<td>11, 15</td>
</tr>
<tr>
<td><strong>Hexyl cinnamaldehyde</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>68647-72-3</td>
<td>232-433-8</td>
<td>10-20%</td>
<td>H226; H304; H315; H317; H400; H410</td>
<td>12, 3, 31</td>
</tr>
<tr>
<td><strong>Limonene</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8008-56-8</td>
<td>284-515-8</td>
<td>5-10%</td>
<td>H226; H304; H315; H400; H410</td>
<td>12, 3, 31, 32</td>
</tr>
<tr>
<td><strong>Citrus medica limonum (Lemon) peel oil</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>93-92-5</td>
<td>202-288-5</td>
<td>2-5%</td>
<td>H227; H402</td>
<td></td>
</tr>
<tr>
<td><strong>methylbenzyl acetate</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5392-40-5</td>
<td>226-394-6</td>
<td>2-5%</td>
<td>H313; H315; H317; H319; H401</td>
<td>26</td>
</tr>
<tr>
<td><strong>Citral</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8007-35-0</td>
<td>232-357-5</td>
<td>1-2%</td>
<td>H316; H401; H411</td>
<td>11</td>
</tr>
<tr>
<td><strong>Terpineol acetate</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>78-70-6</td>
<td>201-134-4</td>
<td>1-2%</td>
<td>H227; H303; H315; H317; H319; H402</td>
<td>12, 26</td>
</tr>
<tr>
<td><strong>Linalool</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>112-31-2</td>
<td>203-957-4</td>
<td>1-2%</td>
<td>H227; H316; H319; H401; H412</td>
<td>11, 15</td>
</tr>
<tr>
<td><strong>Decanal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>118-58-1</td>
<td>204-262-9</td>
<td>0.1-1.0%</td>
<td>H303; H317; H320; H401; H412</td>
<td>31</td>
</tr>
<tr>
<td><strong>Benzyl Salicylate</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6485-40-1</td>
<td>229-352-5</td>
<td>0.1-1.0%</td>
<td>H227; H313; H317; H401</td>
<td>11, 15</td>
</tr>
<tr>
<td><strong>I-Carvone</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>68737-61-1</td>
<td>272-113-5</td>
<td>0.1-1.0%</td>
<td>H227; H303; H313; H315; H317; H401; H411</td>
<td>12, 15, 31</td>
</tr>
</tbody>
</table>

**Dimethyltetrahydro Benzaldehyde**
**SECTION 4: First Aid Measures**

4.1 Description of First Aid Measures

**Inhalation:** Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

**Eye Contact:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

**Skin Contact:** Remove contaminated clothes. Wash thoroughly with water and soap. Contact physician if symptoms persist.

**Ingestion:** Rinse mouth with water and obtain medical advice.

4.2 Most Important Symptoms/Effects, Acute and Delayed

**Symptoms:** No data available.
SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Carbon dioxide (CO₂), Dry Chemical, Foam.

Unsuitable: Do not use a direct water jet on burning material.

5.2 Special Hazards Arising from the Substance or Mixture

During Fire Fighting: Water may be ineffective.

5.3 Advice for Firefighters

Further Information: Standard procedure for chemical fires.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

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

6.2 Environmental Precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and Materials for Containment and Cleaning Up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to Other Sections

Not applicable
SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling
Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for Safe Storage, Including Any Incompatibilities
Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific End Uses
No information available.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering Controls: Use local exhaust as needed.

8.2 Exposure Controls - Personal Protective Equipment

Eye Protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure.

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

Skin Protection: Avoid skin contact. Use chemically resistant gloves as needed.
SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Conforms to Standard</td>
</tr>
<tr>
<td>Color</td>
<td>Pale Yellow to Yellow (G2-5)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Liquid</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flashpoint (CCCFP)</td>
<td>162°F (72.22°C)</td>
</tr>
<tr>
<td>Auto Flammability</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>None expected</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>None expected</td>
</tr>
<tr>
<td>Vapor Pressure (mmHg@20°C)</td>
<td>0.186</td>
</tr>
<tr>
<td>%VOC</td>
<td>17.7</td>
</tr>
<tr>
<td>Specific Gravity @ 25°C</td>
<td>0.9970</td>
</tr>
<tr>
<td>Density @ 25°C</td>
<td>0.9940</td>
</tr>
<tr>
<td>Refractive Index @ 20°C</td>
<td>1.5270</td>
</tr>
<tr>
<td>Soluble In</td>
<td>Oil</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and Reactivity

10.1 Reactivity                  None.

10.2 Chemical Stability          Stable.

10.3 Possibility of Hazardous Reactions None known.

10.4 Conditions to Avoid         None known.

10.5 Incompatible Materials      Strong oxidizing agents, strong acids, and alkalis.

10.6 Hazardous Decomposition Products None known.
SECTION 11: Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on individual Ingredient Toxicity Data utilizing the “Additivity Formula.”

**Acute Toxicity-Oral-(Rat) mg/kg**

(LD50: 2,119.96) May be harmful if swallowed.

**Acute Toxicity-Dermal (Rabbit) mg/kg**

(LD50: 3,803.80) May be harmful in contact with skin.

**Acute Toxicity-Inhalation (Rat) mg/L/4hr**

(LC50: 59.16) May be harmful if inhaled.

**Skin Corrosion/Irritation**

Causes skin irritation.

**Serious Eye Damage/Irritation**

Not classified - the classification criteria are not met.

**Respiratory Sensitization**

Not classified - the classification criteria are not met.

**Skin Sensitization**

May cause an allergic skin reaction.

**Germ Cell Mutagenicity**

Not classified - the classification criteria are not met.

**Carcinogenicity**

Not classified - the classification criteria are not met.

**Reproductive Toxicity**

Not classified - the classification criteria are not met.

**Specific Target Organ Toxicity**

- Single Exposure

- Repeated Exposure

**Aspiration Hazard**

May be fatal if swallowed and enters airways.

SECTION 12: Ecological Information

12.1 Toxicity

**Acute Aquatic Toxicity:** Very toxic to aquatic life.

**Chronic Aquatic Toxicity:** Toxic to aquatic life with long lasting effects.

**Toxicity Data on Soil:** No data available.

**Toxicity on Other Organisms:** No data available.

12.2 Persistence and Degradability

No data available.

12.3 Bioaccumulative Potential

No data available.
12.4 Mobility in Soil
No data available.

12.5 Other Adverse Effects
No data available.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods
Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

SECTION 14: Transport Information

14.1 Transport Information

<table>
<thead>
<tr>
<th>Regulator</th>
<th>Class</th>
<th>Pack Group</th>
<th>Sub Risk</th>
<th>UN-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. DOT (Non-Bulk)</td>
<td></td>
<td></td>
<td></td>
<td>Not Regulated - Not Dangerous Goods</td>
</tr>
<tr>
<td>Chemicals NOI</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADR/RID (International Road/Rail)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td>9</td>
<td>III</td>
<td></td>
<td>UN3082</td>
</tr>
<tr>
<td>IATA (Air Cargo)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td>9</td>
<td>III</td>
<td></td>
<td>UN3082</td>
</tr>
<tr>
<td>IMDG (Sea)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td>9</td>
<td>III</td>
<td></td>
<td>UN3082</td>
</tr>
</tbody>
</table>

SECTION 15: Regulatory information

15.1 U.S. Federal Regulations

TSCA (Toxic Substance Control Act)
All components of the substance/mixture are listed or exempt.
40 CFR (EPCRA, SARA, CERCLA AND CAA)
This product contains NO components of concern.

15.2 U.S. State Regulations

California Proposition 65 Warning
This product contains the following components:
123-35-3 (NFS) 204-622-5 0.01-0.1% beta-Myrcene (NFS)

15.3 Canadian Regulations

DSL/NDSL
The following components are NOT on the list:
125109-85-5 412-050-4 0.01-0.1% Isopropylphenylbutanal
362467-67-2 447-630-6 <= 40 ppm 7-(3-methylbutyl)-1,5-benzodioxepin-3-one

SECTION 16: Other Information

16.1 GHS H-Statements Referred to Under Section 3
H226: Flammable liquid and vapor
H312: Harmful in contact with skin
H317: May cause an allergic skin reaction
H320: Causes eye irritation
H332: Harmful if inhaled
H401: Toxic to aquatic life with long lasting effects
H412: Harmful to aquatic life with long lasting effects

16.2 Total Fractional Values

(TFV) Risk
(1.64) Aspiration Hazard, Category 1
(2.16) Skin Corrosion/Irritation, Category 2
(3.34) Aquatic Acute Toxicity, Category 1
(9.37) Aquatic Chronic Toxicity, Category 2
(200.00) Sensitization, Skin, Category 1B

Notes:
This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.