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

1.1 Product Name: Lemon Cookie Fragrance Oil
   Product Code: 303-245X

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 H227: Combustible liquid.
- Acute Toxicity Oral, Category 4 H302: Harmful if swallowed.
- Aspiration Hazard, Category 1 H304: May be fatal if swallowed and enters airways.
- Acute Toxicity Dermal, Category 5 H313: May be harmful in contact with skin.
- Skin Corrosion/Irritation, Category 2 H315: Causes skin irritation.
- Sensitization, Skin, Category 1B H317: May cause an allergic skin reaction.
- Acute Toxicity Inhalation, Category 5 H333: May be harmful if inhaled.
- Aquatic Acute Toxicity, Category 1 H400: Very toxic to aquatic life.
- Aquatic Chronic Toxicity, Category 2 H411: Toxic to aquatic life with long lasting effects.
Classification OSHA (Provision 1910.1200 of title 29)
Flammable Liquids, Category 4  H227: Combustible liquid.
Acute Toxicity Oral, Category 4   H302: Harmful if swallowed.
Aspiration Hazard, Category 1    H304: May be fatal if swallowed and enters airways.
Skin Corrosion/Irritation, Category 2  H315: Causes skin irritation.
Aquatic Acute Toxicity, Category 1  H400: Very toxic to aquatic life.

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

2.2 Label Elements

Labeling (REGULATION (EC) No 1272/2008)
Hazard Pictograms

Signal Word: Danger

Hazard Statements
H227 Combustible liquid.
H302 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.
P270 Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Response:

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

IF ON SKIN: Wash with soap and water.

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

Call a POISON CENTER or doctor/physician if you feel unwell.

Rinse mouth.

If skin irritation or a rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Wash contaminated clothing before reuse.

In case of fire: Use Carbon dioxide (CO₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material.

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 #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>120-51-4</td>
<td>204-402-9</td>
<td>50-60%</td>
<td>H302; H313; H400; H411</td>
</tr>
<tr>
<td>Benzyl Benzoate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5989-27-5</td>
<td>227-813-5</td>
<td>10-20%</td>
<td>H226; H304; H315; H317; H400; H410</td>
</tr>
<tr>
<td>Limonene</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 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.

---

<table>
<thead>
<tr>
<th>CAS # Ingredient</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>104-61-0</td>
<td>203-219-1</td>
<td>5-10%</td>
<td>H316</td>
</tr>
<tr>
<td>gamma-Nonalactone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>121-33-5</td>
<td>204-465-2</td>
<td>2-5%</td>
<td>H303; H319</td>
</tr>
<tr>
<td>Vanillin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4940-11-8</td>
<td>225-582-5</td>
<td>1-2%</td>
<td>H302; H401</td>
</tr>
<tr>
<td>Ethyl maltol</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>121-32-4</td>
<td>204-464-7</td>
<td>1-2%</td>
<td>H303; H320; H402</td>
</tr>
<tr>
<td>Ethyl vanillin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>91-64-5</td>
<td>202-086-7</td>
<td>1-2%</td>
<td>H302; H317; H402</td>
</tr>
<tr>
<td>Coumarin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80-56-8</td>
<td>201-291-9</td>
<td>1-2%</td>
<td>H226; H302; H304; H315; H317; H400; H410</td>
</tr>
<tr>
<td>pinene</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5392-40-5</td>
<td>226-394-6</td>
<td>1-2%</td>
<td>H313; H315; H317; H319; H401</td>
</tr>
<tr>
<td>Citral</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>99-85-4</td>
<td>202-794-6</td>
<td>1-2%</td>
<td>H226; H303; H304; H316</td>
</tr>
<tr>
<td>gamma-Terpinene</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 16.25
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.

Risks: Refer to Section 2.2 “Hazard Statements”.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Treatment: Refer to Section 2.2 “Response”.

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

<table>
<thead>
<tr>
<th>Exposure Limits:</th>
<th>ACGIH TWA ppm</th>
<th>ACGIH STEL ppm</th>
<th>OSHA TWA ppm</th>
<th>OSHA STEL ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80-56-8 pinene</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   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>Yellow</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>160°F (71.11°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>0.1906</td>
</tr>
<tr>
<td>%VOC</td>
<td>0.19</td>
</tr>
<tr>
<td>Specific Gravity @ 25°C</td>
<td>1.0325</td>
</tr>
<tr>
<td>Density @ 25°C</td>
<td>1.0295</td>
</tr>
<tr>
<td>Refractive Index @ 20°C</td>
<td>1.5270</td>
</tr>
<tr>
<td>Soluble In</td>
<td>Not determined</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-Dermal** (Rabbit) mg/kg: 
  (LD50: 3,082.9751) May be harmful in contact with skin.
- **Acute Toxicity-Inhalation** (Rat) mg/L/4hr: 
  (LC50: 67.4830) 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**: Not classified - the classification criteria are not met.
  - **Repeated Exposure**: Not classified - the classification criteria are not met.
- **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></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>UN3082</td>
<td></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>UN3082</td>
<td></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>UN3082</td>
<td></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 0.1-1.0% beta-Myrcene (Natural Source)

15.3 Canadian Regulations

DSL/NDSL
The following components are NOT on the List:
94201-73-7 303-662-1 <= 46 ppm Tetrahydro-4-methyl-2-phenyl-2H-pyran

SECTION 16: Other Information

16.1 GHS H-Statements Referred to Under Section 3

H226: Flammable liquid and vapor.       H303: May be harmful if swallowed.
H316: Causes mild skin irritation.      H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.    H320: Causes eye irritation.
H401: Toxic to aquatic life.            H402: Harmful to aquatic life.
H410: Very toxic to aquatic life with long
     lasting effects.

16.2 Total Fractional Values

(TFV) Risk
(82.52) Aquatic Chronic Toxicity, Category 3
(13.20) Sensitization, Skin, Category 1B
(8.25) Aquatic Chronic Toxicity, Category 2
(2.85) Aquatic Acute Toxicity, Category 1
(1.67) Skin Corrosion/Irritation, Category 2
(1.62) Acute Toxicity Dermal, Category 5
(74.09) Acute Toxicity Inhalation, Category 5
(13.15) Sensitization, Skin, Category 1
(2.88) Aquatic Chronic Toxicity, Category 4
(2.43) Skin Corrosion/Irritation, Category 3
(1.63) Aspiration Hazard, Category 1
(1.01) Acute Toxicity Oral, Category 4

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.