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

1.1 Product Name: Lily of the Valley Fragrance Oil
Product Code: 303-631X

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)
Acute Toxicity Oral, Category 5 H303: May be harmful if swallowed
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
Eye Damage/Irritation, Category 1 H318: Causes serious eye damage
Acute Toxicity Inhalation, Category 5 H333: May be harmful if inhaled
Reproductive Toxicology, Category 2 H361: Suspected of damaging fertility or the unborn child
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)

Flammability
Class IIIb Combustible Liquid

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

Acute Inhalation
25: Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.

Acute Oral
3: May be harmful if swallowed

Reproductive/Developmental
39: Causes reproductive/developmental toxicity in animals.

Sensitization/Allergic Response
31: May cause allergic skin reaction

Target Organ Effects
26: Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, stomach, brain, tongue, mucous membranes, musculo-skeletal system, male reproductive system.
28: Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin, testes.

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

H303 May be harmful if swallowed
H313 May be harmful in contact with skin
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H361 Suspected of damaging fertility or the unborn child
H400 Very toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects
Precautionary Statements

Prevention:
P201 Obtain special instructions before use
P202 Do not handle until all the safety precautions have been read and understood
P264 Wash hands thoroughly after handling
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment
P281 Use personal protective equipment as required

Response:
P302+P352 IF ON SKIN: Wash with soap and water
P304+P312 IN INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if resent and easy to do so. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice/attention
P310 Immediately call a POISON CENTER or doctor/physician
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
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 Benzyl Benzoate</td>
<td>204-402-9</td>
<td>30-40%</td>
<td>H302; H313; H400; H411</td>
<td>28, 3</td>
</tr>
<tr>
<td>101-86-0 Hexyl cinnamaldehyde</td>
<td>202-983-3</td>
<td>20-30%</td>
<td>H303; H316; H317; H400; H411</td>
<td>11, 15</td>
</tr>
<tr>
<td>60-12-8 phenethyl alcohol</td>
<td>200-456-2</td>
<td>10-20%</td>
<td>H302; H313; H316; H319</td>
<td>11, 15, 3</td>
</tr>
<tr>
<td>80-54-6 Butylphenyl Methylpropional</td>
<td>201-289-8</td>
<td>5-10%</td>
<td>H227; H30; H315; H317; H361 H401; H412</td>
<td>11, 15, 26, 28, 3, 31, 39</td>
</tr>
<tr>
<td>106-24-1 Geraniol</td>
<td>203-377-1</td>
<td>2-5%</td>
<td>H303; H315; H317; H318; H402</td>
<td>11, 15, 31</td>
</tr>
<tr>
<td>106-22-9 Citronellol</td>
<td>203-375-0</td>
<td>2-5%</td>
<td>H303; H313; H315; H317; H319; H401</td>
<td>11, 15</td>
</tr>
<tr>
<td>106-25-2 Nerol</td>
<td>203-378-7</td>
<td>2-5%</td>
<td>H303; H315; H317; H318; H401</td>
<td>15</td>
</tr>
<tr>
<td>104-54-1 Cinnamyl Alcohol</td>
<td>203-299-7</td>
<td>2-5%</td>
<td>H303; H317</td>
<td>11, 15, 31</td>
</tr>
<tr>
<td>140-11-4 Benzyl acetate</td>
<td>205-399-7</td>
<td>1-2%</td>
<td>H303; H316; H401; H412</td>
<td>15, 25, 26, 31, 39</td>
</tr>
</tbody>
</table>
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

**Risks:** Refer to Section 2.2 “Hazard Statements”

4.3 Indication of 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 (CO\textsubscript{2}), 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 spillage 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:

<table>
<thead>
<tr>
<th>Component</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>140-11-4 Benzyl acetate</td>
<td></td>
<td>10</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>Nearly Colorless (G0) to Yellow Tint (G1)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Liquid</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not determined</td>
</tr>
</tbody>
</table>
**Boiling Point:** Not determined
**Melting Point:** Not determined
**Flashpoint (CCCFP):** >200°F (93.33°C)
**Auto flammability:** Not determined
**Explosive Properties:** None expected
**Oxidizing Properties:** None expected
**Vapor Pressure (mmHg@20C):** 0.0067
**%VOC:** 1.5
**Specific Gravity @ 25 C:** 1.0050
**Density @ 25 C:** 1.0020
**Refractive Index @ 20 C:** 1.5350
**Soluble in:** Oil

### 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** (LD50:2,074.69 May be harmful if swallowed

**Acute Toxicity-Dermal (Rabbit) mg/kg** (LD50: 2,364.07) May be harmful in contact with skin

**Acute Toxicity-Inhalation (Rat) mg/L/4hr** (LC50: 46.14) May be harmful if inhaled

**Skin Corrosion/Irritation** Causes skin irritation

**Serious Eye Damage/Irritation** Causes serious eye damage

**Respiratory Sensitization** Not classified - the classification criteria
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 waster 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>UN-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. DOT (Non-Bulk)</td>
<td>Not regulated - Not Dangerous Goods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical NOI</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADR/RID (International Road/Rail)</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>
</tr>
<tr>
<td>IATA (Air Cargo)</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>
</tr>
<tr>
<td>IMDG (Sea)</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>
</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  
No warning required

15.3 Canadian Regulations

DSL/NDSL  
100.00% of the components are listed or exempt.
SECTION 16: Other Information

16.1 GHS H-Statements Referred to Under Section 3

H227: Combustible liquid
H316: Causes mild skin irritation
H401: Toxic to aquatic life
H412: Harmful to aquatic life with long lasting effects

H302: Harmful if swallowed
H319: Causes serious eye irritation
H402: Harmful to aquatic life

16.2 Total Fractional Values

(TFV) Risk
(2.08) Skin Corrosion/Irritation, Category 2
(2.23) Eye Damage/Eye Irritation, Category 1
(2.32) Aquatic acute Toxicity, Category 1
(210.00) Sensitization, Skin, Category 1B
(3.00) Reproductive Toxicology, Category 2
(2.32) Aquatic Chronic Toxicity, Category 2

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.