# Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 **Product Name:** Osmanthus Fragrance Oil  
   **Product Code:** 303-227X  

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](http://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  
- **Skin Corrosion/Irritation, Category 3**  
  H316: Causes mild 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 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**  
  11: May cause 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, stomach, brain, tongue, mucous membranes, musculo-skeletal system.
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: Warning

Hazard Statements
H303 May be harmful if swallowed
H316 Causes mild skin irritation
H317 May cause an allergic skin reaction
H333 May be harmful if inhaled
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements
Prevention:
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment

Response:
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.
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>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>10-20% H302; H313; H400; H411</td>
<td>204-402-9</td>
<td>10-20%</td>
<td>H302; H313; H400; H411</td>
<td>28, 3</td>
</tr>
<tr>
<td>140-11-4</td>
<td>5-10% H303; H316; H401; H412</td>
<td>205-399-7</td>
<td>5-10%</td>
<td>H303; H316; H401; H412</td>
<td>15, 25, 26, 31, 39</td>
</tr>
<tr>
<td>104-67-6</td>
<td>5-10% H316; H402; H412</td>
<td>203-225-4</td>
<td>5-10%</td>
<td>H316; H401; H402; H412</td>
<td>11</td>
</tr>
<tr>
<td>101-86-0</td>
<td>2-5% H303; H316; H317; H400; H411</td>
<td>202-983-3</td>
<td>2-5%</td>
<td>H303; H316; H317; H400; H411</td>
<td>11, 15</td>
</tr>
<tr>
<td>115-95-7</td>
<td>2-5% H227; H315; H317; H319; H402</td>
<td>204-116-4</td>
<td>2-5%</td>
<td>H227; H315; H317; H319; H402</td>
<td></td>
</tr>
<tr>
<td>61789-17-1</td>
<td>1-2% H315</td>
<td>309-448-4</td>
<td>1-2%</td>
<td>H315</td>
<td></td>
</tr>
<tr>
<td>23726-91-2</td>
<td>0.1-1.0% H303; H315; H317; H401; H411</td>
<td>245-842-1</td>
<td>0.1-1.0%</td>
<td>H303; H315; H317; H401; H411</td>
<td>11, 31</td>
</tr>
<tr>
<td>(2E)-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
P363 Wash contaminated clothing before reuse.
P391 Collect Spillage
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”

5.1 Extinguishing Media

**Suitable:** Carbon dioxide (CO$_2$), 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>10</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

- **Appearance:** Liquid
- **Odor:** Conforms to Standard
- **Color:** Golden Brown (G8) to Pale Orange (G9) (Slight Haze)
- **Viscosity:** Liquid
- **Freezing Point:** Not determined
- **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@20°C):** 0.014
%VOC: 7.093
Specific Gravity @ 25°C: 0.9520
Density @ 25°C: 0.9490
Refractive Index @ 20°C: 1.4680
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: 3,976.89) May be harmful if swallowed
Acute Toxicity-Dermal (Rabbit) mg/kg (LD50: 5,607.81) Not classified - the classification criteria are not met
Acute Toxicity-Inhalation (Rat) mg/L/4hr (LC50: 105.59) May be harmful if inhaled
Skin Corrosion/Irritation Causes mild 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: Not classified - the classification criteria are not met

Single Exposure: Not classified - the classification criteria are not met

Specific Target Organ Toxicity: Not classified - the classification criteria are not met

Repeated Exposure: Not classified - the classification criteria are not met

Aspiration Hazard: Not classified - the classification criteria are not met

### SECTION 12: Ecological Information

#### 12.1 Toxicity

**Acute Aquatic Toxicity:** Not classified - the classification criteria are not met

**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>Not regulated - Not Dangerous Goods</td>
<td></td>
</tr>
<tr>
<td><em>Chemical NOI</em> 40 CFR (EPCRA, SARA, CERCLA AND CAA)</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>ADR/RID (International Road/Rail)</td>
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</tr>
<tr>
<td><em>Environmentally Hazardous Substance, Liquid, n.o.s.</em></td>
<td>9</td>
<td>III</td>
<td></td>
<td>UN3082</td>
</tr>
<tr>
<td>IATA (Air Cargo)</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td><em>Environmentally Hazardous Substance, Liquid, n.o.s.</em></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><em>Environmentally Hazardous Substance, Liquid, n.o.s.</em></td>
<td>9</td>
<td>III</td>
<td></td>
<td>UN3082</td>
</tr>
</tbody>
</table>

### SECTION 15: Regulatory Information

#### 15.1 US 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 US State Regulations

**California Proposition 65 Warning**  
This product contains the following components:  
123-35-3 (NF 204-622-5) <= 14 ppm beta-Myrcene (NFS)

#### 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
H313: May be harmful in contact with skin
H317: May cause an allergic skin reaction
H351: Suspected of causing cancer
H401: Toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects
H302: Harmful if swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation
H400: Very toxic to aquatic life
H402: Harmful to aquatic life
H412: Harmful to aquatic life with long lasting effects

16.2 Total Fractional Values

(TFV) Risk
(2.33) Skin Corrosion/Irritation, Category 3
(40.00) Sensitization, Skin, Category 1B
(1.13) 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.