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

1.1 Product Name: 21 Fragrance Oil
Product Code: 303-375X

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 (CIP)
Acute Toxicity Oral, Category 4 H302: Harmful if swallowed
Acute Toxicity Dermal, Category 5 H313: May be harmful in contact with skin
Skin Corrosion/Irritation, Category 3 H316: Causes mild skin irritation
Sensitization, Skin, Category 1B H317: May cause an allergic skin reaction
Eye Damage/Irritation, Category 2A H319: Causes serious eye irritation
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)
Flammability Class IIIB Combustible Liquid
Acute Dermal/Eye 12: Causes moderate skin irritation
15: May cause eye irritation
Acute Inhalation 23: May cause respiratory tract irritation
Acute Oral 2: Harmful if swallowed
Sensitization/Allergic Response 31: May cause allergic skin reaction
Target Organ Effects 26: Prolonged or repeated ingestion may cause damage to: kidneys, liver, spleen, blood, bile duct.
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
H302 Harmful if swallowed
H313 May be harmful in contact with skin
H316 Causes mild skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H333 May be harmful if inhaled
H400 Very Toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:
P264 Wash hands 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

Response:
P301+P312+330 IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 IF ON SKIN: Wash with soap and water.
SECTION 3: Composition/Information on Ingredients

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>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>120-51-4</td>
<td>204-402-9</td>
<td>70-80%</td>
<td>H302; H313; H400; H411</td>
<td>28, 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>104-61-0</td>
<td>203-219-1</td>
<td>5-10%</td>
<td>H316</td>
<td>12, 15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>121-32-4</td>
<td>204-464-7</td>
<td>5-10%</td>
<td>H303; H320; H402</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>91-64-5</td>
<td>202-086-7</td>
<td>2-5%</td>
<td>H302; H317; H402</td>
<td>12, 15, 2, 26, 31, 9</td>
</tr>
<tr>
<td></td>
<td></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>
<td>31</td>
</tr>
</tbody>
</table>

Benzyl Benzoate

gamma-Nonalactone

Ethyl vanillin

Coumarin

Vanillin
## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>67634-15-5</td>
<td>266-819-2</td>
<td>1-2%</td>
<td>H316</td>
<td>11, 15</td>
</tr>
</tbody>
</table>

**Ethyl 2, 2-dimethylhydrocinnamal**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>115-95-7</td>
<td>204-116-4</td>
<td>1-2%</td>
<td>H227; H315; H317; H319; H402</td>
<td></td>
</tr>
</tbody>
</table>

**Linalyl acetate**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-55-5</td>
<td>202-680-6</td>
<td>1-2%</td>
<td>H227; H303; H315; H319; H401</td>
<td>11, 15, 23</td>
</tr>
</tbody>
</table>

**alpha-Terpineol**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-70-6</td>
<td>201-134-4</td>
<td>0.1-1.0%</td>
<td>H227; H303; H315; H317; H319; H402</td>
<td>12, 26</td>
</tr>
</tbody>
</table>

**Linalool**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>103-95-7</td>
<td>203-161-7</td>
<td>0.1-1.0%</td>
<td>H227; H303; H315; H317; H401; H412</td>
<td>11, 15, 31</td>
</tr>
</tbody>
</table>

**2-Methyl-3-(p-isopropylphenyl) propionaldehyde**

<table>
<thead>
<tr>
<th>CAS #</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>0.1-1.0%</td>
<td>H303; H316; H317; H400; H411</td>
<td>11, 15</td>
</tr>
</tbody>
</table>

**Hexyl cinnamaldehyde**

<table>
<thead>
<tr>
<th>CAS #</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>68991-97-9</td>
<td>273-661-8</td>
<td>0.1-1.0%</td>
<td>H303; H316; H317</td>
<td>11</td>
</tr>
</tbody>
</table>

**1,2,3,4,5,6,7,8-Octahydro-8,8-dimethyl-2-naphthaldehyde (Melafleur)**

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.45
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 (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 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

Exposed 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

Appearance: Liquid
Odor: Conforms to Standard
Color: Yellow Tint (G0/1)
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): 0.152
%VOC: 0.7163
Specific Gravity @ 25°C: 1.0890
Density @ 25°C: 1.0860
Refractive Index @ 20°C: 1.5520
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: 1,689.19) Harmful if swallowed
Acute toxicity-Dermal (Rabbit) mg/kg (LD50: 3,021.34) May be harmful in contact with skin.
Acute toxicity-Inhalation (Rat) mg/L/4hr (LC50:231.92) May be harmful if inhaled
Skin corrosion/irritation Causes mild skin irritation
Serious eye damage/irritation Causes serious eye irritation
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
Specific target organ toxicity
  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 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
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
Ingredient of greatest environmental impact:
120-51-4 : (50-60%) Benzyl Benzoate

<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>Not regulated - Not Dangerous Goods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical 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 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 0.01-0.1% 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
H303: May be harmful if swallowed
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H320: Causes eye irritation
H317: Toxic to aquatic life
H402: Harmful to aquatic life
H412: Harmful to aquatic life with love lasting effects

16.2 Total Fractional Values

(TFV) Risk
(1.68) Skin Corrosion/Irritation, Category 3
(1.15) Eye Damage/Eye Irritation, Category 2A
(2.89) Aquatic Acute Toxicity, Category 1
(25.00) Sensitization, Skin, Category 1B
(3.32) 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.