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

1.1 Product Name: Cucumber Fragrance Oil
   Product Code: 303-173X

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 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 1A: H317: May cause an allergic skin reaction
- 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 IIIIB Combustible Liquid
- Acute Dermal/Eye: 11: May cause skin irritation
  15: May cause eye irritation
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, spleen, gastrointestinal tract, hematopoietic 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

![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
H333 May be harmful if inhaled
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 safety precautions have been read and understood
P264 Wash hands thoroughly after handling
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>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><strong>Benzyl Benzoate</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1222-05-5</td>
<td>214-946-9</td>
<td>2-5%</td>
<td>H316; H400; H410</td>
<td>11, 15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hexamethylindanopyran</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80-54-6</td>
<td>201-289-8</td>
<td>2-5%</td>
<td>H227; H302; H315; H317; H361; H401; H412</td>
<td>11, 15, 26 28, 3, 31, 39</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Butylphenyl Methylpropional</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Response:
P301+P312+P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
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.
P308+P313 IF exposed or concerned: Get medical advice/attention
P333+P313 IF skin irritation or a rash occurs: Get medical advice/attention
P363 Wash contaminated clothing before reuse
P391 Collect Spillage

2.3 Other Hazards
No data available
<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>18479-58-8</td>
<td>242-362-4</td>
<td>2-5%</td>
<td>H227; H303; H315; H319; H402</td>
<td>11, 15</td>
</tr>
<tr>
<td>2,6-dimethyloct-7-en-2-ol</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>101-86-0</td>
<td>202-983-3</td>
<td>1-2%</td>
<td>H303; H316; H317; H400; H411</td>
<td>11, 15</td>
</tr>
<tr>
<td><em>Hexyl cinnamaldehyde</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24851-98-7</td>
<td>246-495-9</td>
<td>1-2%</td>
<td>H402</td>
<td></td>
</tr>
<tr>
<td><em>Methylidihydrojasmonate</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65405-77-8</td>
<td>265-745-8</td>
<td>1-2%</td>
<td>H400; H410</td>
<td>11, 15</td>
</tr>
<tr>
<td><em>cis-3-Hexenyl salicylate</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>122-99-6</td>
<td>204-589-7</td>
<td>1-2%</td>
<td>H302; H319</td>
<td>26, 39</td>
</tr>
<tr>
<td><em>Phenoxyethanol</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>63500-71-0</td>
<td>405-040-6</td>
<td>1-2%</td>
<td>H319</td>
<td></td>
</tr>
<tr>
<td><em>Tetrahydro-2-isobutyl-4-methyl-pyran-4-ol</em></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>
<tr>
<td><em>Dimethyltetrahydro Benzaldehyde</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54464-57-2</td>
<td>259-174-3</td>
<td>0.1-1.0%</td>
<td>H315; H317; H400; H410</td>
<td>11, 31</td>
</tr>
<tr>
<td><em>Tetramethyl Acetyloctahydronaphthalenes</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>87731-18-8</td>
<td>401-620-8</td>
<td>0.1-1.0%</td>
<td>H303; H317; H401</td>
<td>11, 15, 31</td>
</tr>
<tr>
<td><em>Cyclooct-4-en-1-yl methyl carbonate</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1205-17-0</td>
<td>214-881-6</td>
<td>0.1-1.0%</td>
<td>H303; H317; H401; H411</td>
<td></td>
</tr>
<tr>
<td><em>a-Methyl-1,3-benzodioxole-5-propionaldehyde</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<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>
<tr>
<td><em>2-Methyl-3-(p-isopropylphenyl)propionaldehyde</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>106-22-9</td>
<td>203-375-0</td>
<td>0.1-1.0%</td>
<td>H303; H313; H315; H317; H319; H401</td>
<td>11, 15</td>
</tr>
<tr>
<td><em>Citronellol</em></td>
<td></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.

---

**CAS # Ingredient** | **EC#** | **Conc. Range** | **GHS Class.** | **OSHA Class.**
--- | --- | --- | --- | ---
106-24-1 | 203-377-1 | 0.1-1.0% | H303; H315; H317; H318; H402 | 11, 15, 31

Geraniol

78-70-6 | 201-134-4 | 0.1-1.0% | H227; H303; H315; H317; H319; H402 | 12, 26

Linalool

18127-01-0 | 242-016-2 | 0.1-1.0% | H227; H303; H315; H317; H361; H373; H401; H412 | 11, 15, 2, 31, 39

p-tert-Butyldihydrocinnamaldehyde

127-43-5 | 204-843-7 | 0.1-1.0% | H316; H317; H401; H411 | 11, 15, 19, 26, 28, 31

Methyl-ß-ionone

5435-64-3 | 226-603-0 | 0.1-1.0% | H226; H303; H315; H317; H402 | 11, 15

3,5,5-Trimethylhexanal

111-80-8 | 203-909-2 | 0.01-0.1% | H302; H313; H315; H317; H400; H412 | 2, 31

Methyl 2-nonynoate (Methyl octine carbonate)

111-12-6 | 203-836-6 | 0.01-0.1% | H317; H400; H412 | 11, 15, 2, 31

Methyl-2-Octynoate

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.10
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 (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

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

- **Appearance:** Liquid
- **Odor:** Conforms to Standard
- **Color:** Nearly Colorless (G0)
- **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):** 0.0139
- **%VOC:** 1.73
- **Specific Gravity @ 25°C:** 1.0690
- **Density @ 25°C:** 1.0660
- **Refractive Index @ 20°C:** 1.5440
- **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: 1,653.83) Harmful if swallowed
- **Acute Toxicity-Dermal (Rabbit) mg/kg** (LD50: 3,708.99) May be harmful in contact with skin
- **Acute Toxicity-Inhalation (Rat) mg/L/4hr** (LC50: 108.80) 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**
Suspected of damaging fertility or the unborn child

**Specific Target Organ Toxicity**
- **Single Exposure**
- **Repeated Exposure**

**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

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>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>9</td>
<td>III</td>
<td></td>
<td>UN3082</td>
</tr>
<tr>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA (Air Cargo)</td>
<td>9</td>
<td>III</td>
<td></td>
<td>UN3082</td>
</tr>
<tr>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG (Sea)</td>
<td>9</td>
<td>III</td>
<td></td>
<td>UN3082</td>
</tr>
<tr>
<td>Environmentally Hazardous Substance, Liquid, n.o.s.</td>
<td></td>
<td></td>
<td></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 the following components:
122-99-6 204-589-7 1-2% Phenoxyethanol

15.2 U.S. State Regulations

California Proposition 65 Warning
This product contains the following components:
123-35-3(NFS) 204-622-5 <=30 ppm beta-Myrcene (NFS)

15.3 Canadian Regulations

DSL/NDSL
99.97% of the components are listed or exempt. The following components are NOT on the List:
125109-85-5 412-050-4 0.01-0.1% Isopropylphenylbutanal
166432-52-6 417-840-2 0.01-0.1% 1,3-Undecadien-5-yne

SECTION 16: Other Information

16.1 GHS H-Statements Referred to Under Section 3

H226: Flammable liquid and vapor      H227: Combustible liquid
H303: May be harmful if swallowed      H315: Causes skin irritation
H317: May cause an allergic skin reaction H318: Causes serious eye damage
H319: Causes serious eye irritation    H373: May cause damage to organs though
H401: Toxic to aquatic life            H402: Harmful to aquatic life
H402: Harmful to aquatic life with long lasting effects
H412: Harmful to aquatic life with long lasting effects

16.2 Total Fractional Values

(TFV) Risk
(1.73) Skin Corrosion/Irritation, Category 3
(3.00) Sensitization, Skin, Category 1A
(1.40) Reproductive Toxicology, Category 2
(3.35) Aquatic Acute Toxicity, Category 1
(6.00) 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.