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

1.1 Product Name: Hibiscus Passion Fragrance Oil
   Product Code: 303-172X

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 1A H317: May cause an allergic skin
   reaction
   Eye Damage/Eye Irritation, Category 1 H318: Causes serious eye damage
   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)

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>Class IIIB Combustible Liquid</td>
</tr>
<tr>
<td>Acute Dermal/Eye</td>
<td>12: Causes moderate skin irritation</td>
</tr>
<tr>
<td></td>
<td>14: Causes severe eye burns</td>
</tr>
<tr>
<td>Acute Inhalation</td>
<td>23: May cause respiratory tract irritation</td>
</tr>
<tr>
<td></td>
<td>25: Inhalation at high levels may cause: anesthesia, tremors, labored breathing, hypothermia, lethargy, ataxia.</td>
</tr>
<tr>
<td>Acute Oral</td>
<td>2: Harmful if swallowed</td>
</tr>
<tr>
<td>Reproductive/Developmental</td>
<td>39: Causes reproductive/developmental toxicity in animals.</td>
</tr>
<tr>
<td>Sensitization/Allergic Response</td>
<td>31: May cause allergic skin reaction</td>
</tr>
<tr>
<td>Target Organ Effects</td>
<td>26: Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, stomach, brain, tongue, mucous membranes, musculo-skeletal system, male reproductive system.</td>
</tr>
<tr>
<td></td>
<td>28: Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin, testes</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [x] ACGIH [ ] IARC [ ] NTP [ ] OSHA [ ]</td>
</tr>
</tbody>
</table>

#### 2.2 Label Elements

**Labeling (REGULATION (EC) No 1272/2008)**

**Hazard Pictograms**

- ![Pictogram](image)
  - ![Pictogram](image)
  - ![Pictogram](image)

**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
- **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
- 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
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
- 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. 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</td>
<td>204-402-9</td>
<td>10-20%</td>
<td>H302; H313; H400; H411</td>
<td>28, 3</td>
</tr>
</tbody>
</table>

Benzyl Benzoate
<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>1222-05-5</td>
<td>214-946-9</td>
<td>10-20%</td>
<td>H316; H400; H410</td>
<td>11, 15</td>
</tr>
<tr>
<td><strong>Hexamethylindanopyran</strong></td>
<td>140-11-4</td>
<td>205-399-7</td>
<td>5-10%</td>
<td>H303; H316; H401; H412</td>
</tr>
<tr>
<td><strong>Benzyl acetate</strong></td>
<td>101-86-0</td>
<td>202-983-3</td>
<td>5-10%</td>
<td>H303; H316; H317; H400; H411</td>
</tr>
<tr>
<td><strong>Hexyl cinnamaldehyde</strong></td>
<td>60-12-8</td>
<td>200-456-2</td>
<td>5-10%</td>
<td>H302; H313; H316; H319</td>
</tr>
<tr>
<td><strong>phenethyl alcohol</strong></td>
<td>78-70-6</td>
<td>201-134-4</td>
<td>5-10%</td>
<td>H227; H303; H315; H317; H319; H402</td>
</tr>
<tr>
<td><strong>Linalool</strong></td>
<td>118-58-1</td>
<td>204-262-9</td>
<td>5-10%</td>
<td>H303; H317; H320; H401; H412</td>
</tr>
<tr>
<td><strong>Benzyl salicylate</strong></td>
<td>104-67-6</td>
<td>203-225-4</td>
<td>2-5%</td>
<td>H316; H401; H402; H412</td>
</tr>
<tr>
<td><strong>gamma-Undecalactone</strong></td>
<td>54830-99-8</td>
<td>259-367-2</td>
<td>2-5%</td>
<td>H303; H316; H402</td>
</tr>
<tr>
<td><strong>Acetoxydihydrodicyclopentadiene</strong></td>
<td>122-40-7</td>
<td>204-541-5</td>
<td>2-5%</td>
<td>H303; H316; H317; H401; H411</td>
</tr>
<tr>
<td><strong>Amyl Cinnamal</strong></td>
<td>18871-14-2</td>
<td>242-640-5</td>
<td>2-5%</td>
<td>H402</td>
</tr>
<tr>
<td><strong>4-Acetoxy-3-pentyltetrahydropyran</strong></td>
<td>6259-76-3</td>
<td>228-408-6</td>
<td>2-5%</td>
<td>H315; H317; H319; H400; H410</td>
</tr>
<tr>
<td><strong>Hexyl salicylate</strong></td>
<td>88-41-5</td>
<td>201-828-7</td>
<td>2-5%</td>
<td>H227; H303; H316; H401; H411</td>
</tr>
</tbody>
</table>

**2-t-Butylcyclohexyl acetate**
<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>97-53-0 202-589-1 2-5% H303; H316; H317; H319; H401 11, 15, 31</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eugenol</td>
<td>91-51-0 202-073-6 2-5% H303</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lilial-methyl anthranilate (Schiff base)</td>
<td>10339-55-6 233-732-6 2-5% H227; H303; H315; H319; H402 11, 15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3,7-Dimethyl-1,6-nonadien-3-ol</td>
<td>80-54-6 201-289-8 1-2% H227; H302; H315; H317; H361; H401; H412</td>
<td></td>
<td></td>
<td>11, 15, 26, 28, 3, 31, 39</td>
</tr>
<tr>
<td>Butylphenyl Methylpropional</td>
<td>106-24-1 203-377-1 1-2% H303; H315; H317; H318; H402 11, 15, 31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geraniol</td>
<td>106-22-9 203-375-0 1-2% H303; H313; H315; H317; H319; H401</td>
<td></td>
<td></td>
<td>11, 15</td>
</tr>
<tr>
<td>Citronellol</td>
<td>8006-81-3 281-092-1 1-2% H227; H303; H304; H315; H319; H402; H412</td>
<td></td>
<td></td>
<td>12, 16, 3, 31</td>
</tr>
<tr>
<td>Cananga odorata flower Oil</td>
<td>68912-13-0 272-805-7 1-2% H316; H401; H411</td>
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<td></td>
<td>11, 15</td>
</tr>
<tr>
<td>Hexahydro-methanoindenyl Propionate</td>
<td>83926-73-2 420-630-3 1-2% H316; H318; H401; H411</td>
<td></td>
<td></td>
<td>11, 14, 26</td>
</tr>
<tr>
<td>4-Cyclohexyl-2-methyl-2-butanol</td>
<td>18479-58-8 242-362-4 1-2% H227; H303; H315; H319; H402</td>
<td></td>
<td></td>
<td>11, 15</td>
</tr>
<tr>
<td>2,6-dimethyloct-7-en-2-ol</td>
<td>31906-04-4 250-863-4 1-2% H317; H402</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydroxyisohexyl 3-cyclohexene carboxaldehyde</td>
<td>93-92-5 202-288-5 1-2% H227; H402</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

methylbenzyl acetate
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 Exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin Exposure: Remove contaminated clothes. Wash thoroughly with water and soap. Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

See Section 16 for full text of GHS classification codes
Total Hydrocarbon Content (% w/w) = 1.22
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:

<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: Greenish Yellow(G4-5)
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@20C): 0.0379
%VOC: 8.351
Specific Gravity @ 25 C: 0.9860
Density @ 25 C: 0.9830
Refractive Index @ 20 C: 1.5070
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: 2,835.24) May be harmful if swallowed

**Acute Toxicity-Dermal (Rabbit) mg/kg** (LD50: 3,089.44) May be harmful in contact with skin

**Acute Toxicity-Inhalation (Rat) mg/L/4hr** (LC50: 32.44) 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 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
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**
This product contains the following components:
- 123-35-3 (NF 204-622-5 0.1-1.0% 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

- H226: Flammable liquid and vapor
- H302: Harmful if swallowed
- H316: Causes mild skin irritation
- H319: Causes serious eye irritation
- H361: Suspected of damaging fertility or the unborn child
- H402: Harmful to aquatic life
- H412: Harmful to aquatic life with long lasting effects

- H227: Combustible Liquid
- H304: May be fatal if swallowed and enters airways
- H317: May cause an allergic skin reaction
- H320: Causes eye irritation
- H401: Toxic to aquatic life
- H410: Very toxic to aquatic life with long lasting effects

16.2 Total Fractional Values

- (TFV) Risk
  - (1.85) Sensitization, Skin, Category 1B
  - (1.16) Eye Damage/Eye Irritation, Category 1
  - (100.00) Sensitization, Skin, Category 1A
  - (1.39) Aquatic Acute Toxicity, Category 1
  - (6.35) 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.