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

1.1 Product Name: Red Grape & Blueberry Fragrance Oil
Product Code: 303-351X

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)
Flammable Liquids, Category 4 H227: Combustible liquid.
Acute Toxicity Oral, Category 5 H303: May be harmful if swallowed.
Sensitization, Skin, Category 1A 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 IIIA Combustible Liquid.
Acute Dermal/Eye 12: Causes moderate skin irritation.
16: Causes eye irritation.
Acute Inhalation 21: Harmful if inhaled.
Acute Oral 2: Harmful if swallowed.
Sensitization/Allergic Response 31: May cause allergic skin reaction.
Target Organ Effects

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)

Signal Word: Warning

Hazard Pictograms

Hazard Statements

H227 Combustible liquid.
H303 May be harmful if swallowed.
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:
P235 Keep cool.
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.
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.
P370+P378 In case of fire: Use Carbon dioxide (CO₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material.

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 #</th>
<th>Ingredient</th>
<th>EC#</th>
<th>Conc. Range</th>
<th>GHS Class.</th>
<th>OSHA Class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>77-83-8</td>
<td>Ethyl methylphenylglycidate</td>
<td>201-061-8</td>
<td>10-20%</td>
<td>H317; H401; H411</td>
<td>11, 15</td>
</tr>
<tr>
<td>120-51-4</td>
<td>Benzyl Benzoate</td>
<td>204-402-9</td>
<td>10-20%</td>
<td>H302; H313; H400; H411</td>
<td>28, 3</td>
</tr>
<tr>
<td>141-97-9</td>
<td>Ethyl acetoacetate</td>
<td>205-516-1</td>
<td>2-5%</td>
<td>H227</td>
<td></td>
</tr>
<tr>
<td>88-41-5</td>
<td>2-t-Butylcyclohexyl acetate</td>
<td>201-828-7</td>
<td>2-5%</td>
<td>H27; H303; H316; H401; H411</td>
<td>12, 2</td>
</tr>
<tr>
<td>4940-11-8</td>
<td>Ethyl maltol</td>
<td>225-582-5</td>
<td>1-2%</td>
<td>H302</td>
<td>2</td>
</tr>
<tr>
<td>123-92-2</td>
<td>Isoamyl acetate (Isopentyl acetate)</td>
<td>204-662-3</td>
<td>1-2%</td>
<td>H226; H402</td>
<td>21</td>
</tr>
<tr>
<td>6413-10-1</td>
<td>Ethyl 2-methyl-1,3-dioxolane-2-acetate (Fructone)</td>
<td>229-114-0</td>
<td>1-2%</td>
<td>H227; H316</td>
<td>11</td>
</tr>
<tr>
<td>67634-00-8</td>
<td>Isoamyl Allylglycollate</td>
<td>266-803-5</td>
<td>1-2%</td>
<td>H227; H302; H315; H401</td>
<td>11, 15, 31</td>
</tr>
</tbody>
</table>

SDS Red Grape & Blueberry Fragrance Oil, 303-178X June 20, 2018, page 3 of 10
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.

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 Any Immediate Medical Attention and Special Treatment Needed

Treatment: Refer to Section 2.2 “Response”.

---

See Section 16 for full text of GHS classification codes
Total Hydrocarbon Content (% w/w) = 0.00

<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>103-26-4</td>
<td>203-093-8</td>
<td>0.1-1.0%</td>
<td>H303; H317</td>
<td></td>
</tr>
<tr>
<td>104-54-1</td>
<td>203-212-3</td>
<td>0.1-1.0%</td>
<td>H303; H317</td>
<td>11, 15, 31</td>
</tr>
<tr>
<td>57378-68-4</td>
<td>260-709-8</td>
<td>0.01-0.1%</td>
<td>H302; H315; H317; H318; H400; H410</td>
<td>11, 15, 31</td>
</tr>
</tbody>
</table>

*delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one (delta-Damascone)*
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

<table>
<thead>
<tr>
<th>Components</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>123-92-2 Isoamyl acetate</td>
<td>50</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

**Exposure Limits:**

**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
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: 3,364.26) May be harmful if swallowed

- **Acute Toxicity-Dermal (Rabbit) mg/kg**
  (LD50: 5,218.92) Not classified - the classification criteria are not met

- **Acute Toxicity-Inhalation (Rat) mg/L/4hr**
  (LC50: 78.79) May be harmful if inhaled

- **Skin Corrosion/Irritation**
  Not classified - the classification criteria are not met

- **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
  Single Exposure: 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

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.

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.
### 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>Chemicals NOI</em></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><em>Environmentally Hazardous Substance, Liquid, n.o.s.</em></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><em>Environmentally Hazardous Substance, Liquid, n.o.s.</em></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><em>Environmentally Hazardous Substance, Liquid, n.o.s.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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:
123-92-2  204-662-3  1-2% Isoamyl acetate (Isopentyl acetate)

### 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

- H226: Flammable liquid and vapor
- H313: May be harmful in contact with skin
- H316: Causes mild skin irritation
- H318: Causes serious eye damage
- H401: Toxic to aquatic life
- H410: Very toxic to aquatic life with long lasting effects
- H302: Harmful if swallowed
- H315: Causes skin irritation
- H317: May cause an allergic skin reaction
- H400: Very toxic to aquatic life
- H402: Harmful to aquatic life

16.2 Total Fractional Values

- (TFV) Risk
  - (4.00) Sensitization, Skin, Category 1A
  - (1.31) 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.