

**SECTION 1: Identification of the Substance/Mixture and of the Company/undertaking**

- 1.1 Product Name:** Blackberry Sage Fragrance Oil  
**Product Code:** 303-437X
- 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**

Flammable Liquids, Category 4  
Acute Toxicity Oral, Category 5  
Aspiration Hazard, Category 1

Acute Toxicity Dermal, Category 5

Skin Corrosion/Irritation, Category 2  
Sensitization, Skin, Category 1B

Acute Toxicity Inhalation, Category 5  
Aquatic Acute Toxicity, Category 2  
Aquatic Chronic Toxicity, Category 3

H227: Combustible liquid.

H303: May be harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H313: May be harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H333: May be harmful if inhaled.

H401: Toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

### Classification OSHA (Provisions 1910.1200 of Title 29)

Flammable Liquids, Category 4  
Aspiration Hazard, Category 1

H227: Combustible liquid.

H304: May be fatal if swallowed and enters airways.

Skin Corrosion/Irritation, Category 2  
Sensitization, Skin, Category 1B

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

### Classification Other

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:** Danger.

#### Hazard Statements

H227	Combustible liquid.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H333	May be harmful if inhaled.
H401	Toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

#### Precautionary Statements

##### Prevention:

P235	Keep cool.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P273	Avoid release to the environment.

**Response:**

P301+P310+P331 IF SWALLOWED: Immediately call s POISON CENTER or doctor/physician. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of 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 rash occurs: get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothes before reuse.

P370+P378 In case of fire: Use Carbon dioxide (CO<sub>2</sub>), dry chemical, or foam for extinction. Do not use a direct water jet on burning material.

**2.3 Other Hazards**

No additional information available.

<b>SECTION 3: Composition/Information on Ingredients</b>
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**3.1 Mixtures**

CAS # Ingredient	EC #	Conc. Range	GHS Classification
5989-27-5	227-813-5	10-20%	H226; H304; H315; H317; H400; H412
<i>Limonene</i>			
34590-94-8	252-104-2	5-10%	H227
<i>PPG-2 methyl ether</i>			
104-20-1	203-184-2	5-10%	H316; H401; H411
<i>Ionone</i>			
5471-51-2	226-806-4	2-5%	H402
<i>Raspberry Ketone</i>			
77-83-8	201-061-8	2-5%	H317; H401; H411
<i>Ethyl Methylphenylglycidate</i>			

<b>CAS # Ingredient</b>	<b>EC #</b>	<b>Conc. Range</b>	<b>GHS Classification</b>
115-95-7	204-116-4	2-5%	H227; H315; H317; H320; H402
<i>Linalyl Acetate</i>			
127-41-3	204-841-6	1-2%	H302; H316; H401
<i>alpha-Ionone</i>			
79-70-6	201-134-4	1-2%	H227; H303; H315; H317; H319; H402
<i>Linalool</i>			
33467-73-1	251-532-7	1-2%	H226; H316
<i>cis-3-Hexenyl formate</i>			
7452-79-1	231-225-4	1-2%	H226
<i>Ethyl 2-methylbutyrate</i>			
100-52-7	202-860-4	1-2%	H227; H302; H313; H316; H319; H332; H335; H401
<i>Benzaldehyde</i>			

See Section 16 for full text of GHS classification codes which were not shown in Section 2.

Total Hydrocarbon Content (% w/w) = 20.07

## **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.

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

**Eye Contact:** Flush immediately with water for at least 15 minutes. 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 (CO<sub>2</sub>), dry chemical, foam.

**Unsuitable:** Do not use a direct water jet on burning material.

#### 5.2 Specific Hazards Arising from the Chemical

**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 spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

#### 6.4 References 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 cool, dry and ventilate area away from heat sources and protected from light in a tightly closed original container. Avoid 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:

Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL PPM
<b>34590-94-8</b> <i>PPG-2 methyl ether</i>	100	150	100	

**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

<b>Appearance:</b>	Liquid
<b>Odor:</b>	Conforms to Standard
<b>Color:</b>	Conforms to Standard
<b>Viscosity:</b>	Liquid
<b>Freezing Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flashpoint (CCCFP):</b>	150°F (65.56°C)
<b>Auto Flammability:</b>	Not determined
<b>Explosive Properties:</b>	None expected
<b>Oxidizing Properties:</b>	None expected
<b>Vapor Pressure (mmHg @ 20°C):</b>	0.5126
<b>% VOC:</b>	32.82
<b>Specific Gravity @ 25°C:</b>	Not determined
<b>Density @ 25°C:</b>	Not determined
<b>Refractive Index @ 20°C:</b>	Not determined
<b>Soluble In:</b>	Oil

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity</b>	None.
<b>10.2 Chemical Stability</b>	Stable.
<b>10.3 Possibility of Hazardous Reactions</b>	None known.
<b>10.4 Conditions to Avoid</b>	None known.
<b>10.5 Incompatible Materials</b>	Strong oxidizing agents, strong acids, and alkalis.
<b>10.6 Hazardous Decomposition Products</b>	None known.

## SECTION 11: Toxicological Information

### 11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on individual Ingredient Toxicity Data utilizing the "Additivity Formula."

<b>Acute Toxicity-Oral-(Rat) mg/kg</b>	(LD50: 4423.3600) May be harmful if swallowed.
<b>Acute Toxicity-Dermal (Rabbit) mg/kg</b>	(LD50: 3968.8995) May be harmful in contact with skin.
<b>Acute Toxicity-Inhalation (Rat) mg/L/4hr</b>	(LC50: 68.8054) May be harmful if inhaled.
<b>Skin Corrosion/Irritation</b>	Causes skin irritation.
<b>Serious Eye Damage/Irritation</b>	Not classified - the classification criteria are not met.
<b>Respiratory Sensitization</b>	Not classified - the classification criteria are not met.
<b>Skin Sensitization</b>	May cause an allergic skin reaction.
<b>Germ Cell Mutagenicity</b>	Not classified - the classification criteria are not met.
<b>Carcinogenicity</b>	Not classified - the classification criteria are not met.
<b>Reproductive Toxicity</b>	Not classified - the classification criteria are not met.
<b>Specific Target Organ Toxicity Single Exposure</b>	Not classified - the classification criteria are not met.
<b>Specific Target Organ Toxicity Repeated Exposure</b>	Not classified - the classification criteria are not met.
<b>Aspiration Hazard</b>	May be fatal if swallowed and enters airways.

## SECTION 12: Ecological Information

### 12.1 Toxicity

<b>Acute Aquatic Toxicity:</b>	Toxic to aquatic life.
<b>Chronic Aquatic Toxicity:</b>	Harmful to aquatic life with long lasting effects.
<b>Toxicity Data on Soil:</b>	No data available.
<b>Toxicity on Other Organisms:</b>	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 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**

<b>Regulator</b>	<b>Class</b>	<b>Pack Group</b>	<b>Sub Risk</b>	<b>UN-Nr.</b>
<b>U.S. DOT (Non-Bulk)</b>	Not Regulated - Not Dangerous Goods			
<i>Chemicals NOI</i>				
<b>ADR/RID (International Road/Rail)</b>	Not Regulated - Not Dangerous Goods			
<i>Chemicals NOI</i>				
<b>IATA (Air Cargo)</b>	Not Regulated - Not Dangerous Goods			
<i>Chemicals NOI</i>				
<b>IMDG (Sea)</b>	Not Regulated - Not Dangerous Goods			
<i>Chemicals NOI</i>				

**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 (NFS) 204-622-5 0.01 - 0.1% beta-Myrcene (Natural Source)

## 15.3 Canadian Regulations

### DSL/NDSL

99.50% of the components are listed or exempt. The following components are NOT on the List:

815580-59-7 453-570-1 0.1-1.0% 3-Cyclohexene-1-carboxylic acid, 2,6,6-trimethyl-, methyl ester

<b>SECTION 16: Other Information</b>
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## 16.1 GHS H-Statements Referred to Under Section 3

H226: Flammable liquid and vapor.

H316: Causes mild skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H320: Causes eye irritation.

H335: May cause respiratory irritation.

H402: Harmful to aquatic life.

## 16.2 Total Fractional Values

(TFV) Risk

(72.67) Acute Toxicity Inhalation, Category 5

(8.52) Aquatic Acute Toxicity, Category 2

(3.49) Skin Corrosion/Irritation, Category 3

(2.01) Aspiration Hazard, Category 1

(1.17) Aquatic Chronic Toxicity, Category 4

(TFV) Risk

(19.75) Sensitization, Skin, Category 1B

(4.45) Aquatic Chronic Toxicity, Category 3

(2.42) Skin Corrosion/Irritation, Category 2

(1.26) Acute Toxicity Dermal, Category 5

(1.13) Acute Toxicity Oral, Category 5

### 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.