

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

- 1.1 Product Name:** Black Raspberry Fragrance Oil  
**Product Code:** 303-321X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc  
2490 S 1350 W  
Nibley, Utah 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 and (EC) No 1272/2008 (CLP)**

Flammable Liquids, Category 4	H227: Combustible liquid
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/Irritation, Category 1	H318: Causes serious eye damage
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 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 15: May cause eye irritation
Acute Inhalation	9: Harmful if absorbed through the skin 23: May cause respiratory tract irritation 25: Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia
Acute Oral	2: 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, stomach, brain, tongue, mucous membranes, musculo-skeletal 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**



**Signal Word:**

Danger

**Hazard Statements**

H227	Combustible liquid
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
H361	Suspected of damaging fertility or the unborn child
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
P235	Keep cool
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

#### 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
P308+P313	IF exposed or concerned: Get medical advice/attention
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 and wash before reuse
P363	Wash contaminated clothing 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
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):

<b>CAS # Ingredient</b>	<b>EC#</b>	<b>Conc. Range</b>	<b>GHS Class.</b>	<b>OSHA Class.</b>
77-83-8	201-061-8	20-30%	H317; H401; H411	11, 15
<i>Ethyl methylphenylglycidate</i>				
140-11-4	205-399-7	10-20%	H303; H316; H401; H412	15, 25, 26, 31, 39
<i>Benzyl acetate</i>				
106-24-1	203-377-1	10-20%	H303; H315; H317; H318; H402	11, 15, 31
<i>Geraniol</i>				
122-40-7	204-541-5	5-10%	H303; H316; H317; H401; H411	11, 15
<i>Amyl Cinnamal</i>				
10094-34-5	233-221-8	5-10%	H401; H411	11, 15
<i>a ,a-Dimethylphenethyl butyrate</i>				
106-25-2	203-378-7	2-5%	H303; H315; H317; H318; H401	15
<i>Nerol</i>				
98-55-5	202-680-6	2-5%	H227; H303; H315; H319; H401	11, 15, 23
<i>alpha-Terpineol</i>				
24851-98-7	246-495-9	2-5%	H402	
<i>Methyldihydrojasmonate</i>				
80-54-6	201-289-8	2-5%	H227; H302; H315; H317; H361; H401; H412	11, 15, 26, 28, 3, 31, 39
<i>Butylphenyl Methylpropional</i>				

<b>CAS # Ingredient</b>	<b>EC#</b>	<b>Conc. Range</b>	<b>GHS Class.</b>	<b>OSHA Class.</b>
104-67-6	203-225-4	2-5%	H316; H401; H402; H412	11
<i>gamma-Undecalactone</i>				
88-41-5	201-828-7	2-5%	H227; H303; H316; H401; H411	12, 2
<i>2-t-Butylcyclohexyl acetate</i>				
68608-34-4	304-454-3	2-5%	H226; H304; H315; H317; H400; H410	11, 3
<i>Citrus (Terpenes) extract</i>				
123-68-2	204-642-4	2-5%	H227; H301; H311; H331; H400; H412	11, 3, 9
<i>Allyl hexanoate</i>				
5471-51-2	226-806-4	2-5%	H402	2
<i>4-(p-Hydroxyphenyl)-2-butanone (p-Hydroxybenzyl acetone)</i>				
120-51-4	204-402-9	1-2%	H302; H313; H400; H411	28, 3
<i>Benzyl Benzoate</i>				
106-22-9	203-375-0	1-2%	H303; H313; H315; H317; H319; H401	11, 15
<i>Citronellol</i>				
6259-76-3	228-408-6	1-2%	H315; H317; H319; H400; H410	11, 15
<i>Hexyl salicylate</i>				
105-54-4	203-306-4	1-2%	H226; H401	11
<i>Ethyl butyrate</i>				
4940-11-8	225-582-5	1-2%	H302	2
<i>Ethyl maltol</i>				
68737-61-1	272-113-5	0.1-1.0%	H227; H303; H313; H315; H317; H401; H411	12, 15, 31
<i>Dimethyltetrahydro Benzaldehyde</i>				

CAS # Ingredient	EC#	Conc. Range	GHS Class.	OSHA Class.
57378-68-4	260-709-8	0.1-1.0%	H302; H315; H317; H318; H400; H410	11, 15, 31
<i>delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one (delta-Damascone)</i>				

See Section 16 for full text of GHS classification codes  
Total Hydrocarbon Content (% w/w) = 1.96

#### SECTION 4: First Aid Measures

##### 4.1 Description of First Aid Measures

<b>Inhalation:</b>	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
<b>Eye Exposure:</b>	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
<b>Skin Exposure:</b>	Remove contaminated clothes. Wash thoroughly with water and soap. Contact physician if symptoms persist.
<b>Ingestion:</b>	Rinse mouth with water and obtain medical advice.

##### 4.2 Most Important Symptoms/Effects, Acute and Delayed

<b>Symptoms:</b>	No data available
<b>Risks:</b>	Refer to Section 2.2 "Hazard Statements"

##### 4.3 Indication of Immediate Medical Attention and Special Treatment Needed

<b>Treatment:</b>	Refer to Section 2.2 "Response"
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#### SECTION 5: Firefighting Measures

##### 5.1 Extinguishing Media

<b>Suitable:</b>	Carbon Dioxide (CO <sub>2</sub> ), Dry Chemical, Foam
<b>Unsuitable:</b>	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:

Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
140-11-4 <i>Benzyl acetate</i>	10			

**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>	Yellow (G3-5)
<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>	186°F (85.56°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>	0.2062
<b>%VOC:</b>	22
<b>Specific Gravity @ 25°C:</b>	0.9820
<b>Density @ 25°C:</b>	0.9790



Refractive Index @ 20°C: 1.4910  
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"

<b>Acute Toxicity-Oral-(Rat) mg/kg</b>	(LD50: 2,873.90) May be harmful if swallowed
<b>Acute Toxicity-Dermal (Rabbit) mg/kg</b>	(LD50: 3,181.82) May be harmful in contact with skin
<b>Acute Toxicity-Inhalation (Rat) mg/L/4hr</b>	(LC50: 23.22) May be harmful if inhaled
<b>Skin Corrosion/Irritation</b>	Causes skin irritation
<b>Serious Eye Damage/Irritation</b>	Causes serious eye damage
<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>	Suspected of damaging fertility or the unborn child
<b>Specific Target Organ Toxicity Single Exposure</b>	Not classified - the classification criteria are not met

**Specific Target Organ Toxicity**  
**Repeated Exposure**  
**Aspiration Hazard**

Not classified - the classification criteria are not met

Not classified - the classification criteria are not met

## SECTION 12: Ecological Information

### 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

## 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**

<b>Regulator</b>	<b>Class</b>	<b>Pack Group</b>	<b>UN-Nr.</b>
U.S. DOT (Non-Bulk)	Not regulated - Not Dangerous Goods		
<i>Chemical NOI</i>			
ADR/RID (International Road/Rail)			
<i>Environmentally Hazardous Substance, Liquid, n.o.s.</i>	9	III	UN3082
IATA (Air Cargo)			
<i>Environmentally Hazardous Substance, Liquid, n.o.s.</i>	9	III	UN3082
IMDG (Sea)			
<i>Environmentally Hazardous Substance, Liquid, n.o.s.</i>	9	III	UN3082

**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 0.01-0.1% 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

H226: Flammable liquid and vapor	H301: Toxic if swallowed
H302: Harmful if swallowed	H304: May be fatal if swallowed and enters airways
H311: Toxic in contact with skin	H317: May cause an allergic skin reaction
H316: Causes mild skin irritation	H331: Toxic if inhaled
H319: Causes serious eye irritation	H401: Toxic to aquatic life
H400: Very toxic to aquatic life	H410: Very toxic to aquatic life with long lasting effects
H402: Harmful to aquatic life	
H412: Harmful to aquatic life with long lasting effects	

### 16.2 Total Fractional Values

(TFV) Risk  
(2.78) Skin Corrosion/Irritation, Category 2  
(30.00) Sensitization, Skin, Category 1A  
(4.91) Eye Damage/Eye Irritation, Category 1  
(40.00) Reproductive Toxicology, Category 2  
(3.01) 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.