

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

- 1.1 Product Name:** Mocha Mint Fragrance Oil  
**Product Code:** 303-250X
- 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.

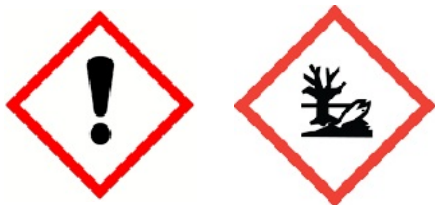
**SECTION 2: Hazards Identification**

**2.1 Classification of the Substance or Mixture**

Acute Toxicity, Oral, Category 4	H302: Harmful if swallowed.
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation.
Sensitization, Skin, Category 1	H317: May cause an allergic skin reaction.
Acute Aquatic Toxicity, Category 1	H400: Very toxic to aquatic life.
Chronic Aquatic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects.

**2.2 Label Elements**

**Hazard Pictograms**



**Signal Word:** Warning.

## Hazard Statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

## Precautionary Statements

### Prevention:

P261	Avoid breathing mist or vapor.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves.

### Response:

P301+P312	IF SWALLOWED: Call a poison center/doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water.
P330	Rinse mouth.
P333+P313	IF SKIN irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

### Storage:

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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### Disposal:

P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.
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## 2.3 Other Hazards

17.01% of the mixture consists of component(s) of unknown acute oral toxicity, 17.17% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 2.23% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## SECTION 3: Composition/Information on Ingredients

### 3.1 Mixtures

Chemical Name	CAS Number	%
Benzyl benzoate	120-51-4	80 - < 90%
Peppermint oil	8006-90-4	10 - < 20%
trans-Anethole	4180-23-8	1 - < 3%
Vanillin	121-33-5	1 - < 3%
4-Heptanone	123-19-3	< 0.1%
Benzaldehyde	100-52-7	< 0.1%
Diacetyl	431-03-8	< 0.1%
Isobutyraldehyde	78-84-2	< 0.1%
Other components below reportable levels		< 1%

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

- General Information:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show the safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
- Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.
- Skin Contact:** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion:** Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

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

Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

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

Provide general supportive measures and treat symptomatically. Keep victim warm and under observation. Symptoms may be delayed.

### **SECTION 5: Firefighting Measures**

#### **5.1 Extinguishing Media**

**Suitable:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable:** Do not use water jet as an extinguisher, as this will spread the fire.

#### **5.2 Specific Hazards Arising from the Chemical**

During fire, gases hazardous to health may be formed.

#### **5.3 Advice for Firefighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

### **SECTION 6: Accidental Release Measures**

#### **6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see Section 8 of the SDS.

## 6.2 Methods and Materials for Containment and Cleaning Up

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see Section 13 of the SDS.

## 6.3 Environmental Precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Provide adequate ventilation. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

### 7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Occupational Exposure Limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
4-Heptanone (CAS 123-19-3)	TWA	50 ppm
Diacetyl (CAS 431-03-8)	STEL TWA	0.02 ppm 0.01 ppm

### US NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
4-Heptanone (CAS 123-19-3)	TWA	235 mg/m <sup>3</sup> 50 ppm

### US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Benzaldehyde (CAS 100-52-7)	STEL	17.4 mg/m <sup>3</sup> 4 ppm
	TWA	8.7 mg/m <sup>3</sup> 2 ppm
Isobutyraldehyde (CAS 78-84-2)	TWA	25 ppm
Vanillin (CAS 121-3-5)	TWA	10 mg/m <sup>3</sup>

#### Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

#### Appropriate Engineering Controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

## 8.2 Individual Protection Measures, Such as Personal Protective Equipment

**Eye/Face Protection:** Face shield is recommended. Wear safety glasses with side shields (or goggles).

**Skin/Hand Protection:** Wear appropriate chemical resistant gloves and clothing. Use of an impervious apron is recommended.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal Hazards:** Wear appropriate thermal protective clothing, when necessary.

**Hygiene Measures:** Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

<b>Appearance:</b>	Colorless to Pale Yellow
<b>Physical State:</b>	Liquid
<b>Form:</b>	Liquid
<b>Color:</b>	Not available
<b>Odor:</b>	Characteristic of name
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting/Freezing Point:</b>	Not available
<b>Initial Boil Point/Range:</b>	613.4°F (323°C) estimated
<b>Flash Point:</b>	207°F (97.2°C) Closed cup
<b>Evaporation Rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not applicable
<b>Vapor Pressure:</b>	0.0003 hPa estimated
<b>Vapor Pressure Temperature:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Relative Density:</b>	Not available
<b>Solubility(ies)</b>	
<b>Solubility (Water):</b>	NO
<b>Solubility (Other):</b>	Not available
<b>Auto-Ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Explosive Properties:</b>	Not explosive.
<b>Oxidizing Properties:</b>	Not oxidizing.

### 9.2 Other Information

<b>Density:</b>	9.03 lbs/gal estimated
<b>Hydrocarbons Percent:</b>	Not determined
<b>Refractive Index:</b>	1.5461 - 1.5511
<b>Specific Gravity:</b>	1.056 - 1.096
<b>VOC (Weight %):</b>	Not determined

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

### 10.2 Chemical Stability

Material is stable under normal conditions.

### 10.3 Possibility of Hazardous Reactions

No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to Avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

### 10.5 Incompatible Materials

Strong oxidizing agents.

### 10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

## SECTION 11: Toxicological Information

### 11.1 Information on Likely Routes of Exposure

<b>Inhalation:</b>	Prolonged inhalation may be harmful.
<b>Skin Contact:</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>Eye Contact:</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion:</b>	Harmful if swallowed.

**Symptoms Related to the Physical, Chemical, Toxicological Characteristics:**  
Skin irritation. May cause redness and pain. May cause an allergic skin reaction.  
Dermatitis. Rash.

### 11.2 Information on Toxicological Effects

<b>Acute Toxicity:</b>	Harmful if swallowed. May cause an allergic skin reaction.
<b>Skin Corrosion/Irritation:</b>	Causes skin irritation.
<b>Serious Eye Damage/Irritation:</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory Sensitization:</b>	Not a respiratory sensitizer.



**Skin Sensitization:** May cause an allergic skin reaction.  
**Germ Cell Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  
**Carcinogenicity:** This product is not considered to be carcinogen by IARC, ACGIH, NTP, or OSHA.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**  
 Not listed.

**Reproductive Toxicity:** This product is not expected to cause reproductive or developmental effects.  
**Specific Target Organ Toxicity Single Exposure:** Not classified.  
**Specific Target Organ Toxicity Repeated Exposure:** Not classified.  
**Aspiration Hazard:** Not an aspiration hazard.  
**Chronic Effects:** Prolonged inhalation may be harmful.

**SECTION 12: Ecological Information**

**12.1 Ecotoxicity**

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**12.2 Persistence and Degradability**

No data is available on the degradability of this product.

**12.3 Bioaccumulative Potential**

<b>Partition Coefficient n-octanol/water (log Kow)</b>	
Benzaldehyde	1.48
Benzyl Benzoate	3.97
Vanillin	1.37

**12.4 Mobility in Soil** No data available.

**12.5 Other Adverse Effects**

No other adverse environmental effects (e.g. ozone depletion, photo chemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Methods

<b>Disposal Instructions:</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national /international regulations.
<b>Local Disposal Regulations:</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous Waste Code:</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company
<b>Residual Waste:</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal Instructions.)
<b>Contaminated Packaging:</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport Information

### 14.1 Transport Information

<b><u>DOT</u></b>	Not regulated as dangerous goods.
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**IATA**

**UN Number:** UN3082  
**UN Proper Shipping Name:** Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate)  
**Transport Hazard Class(es)**  
**Class:** 9  
**Subsidiary Risk:** -  
**Packing Group:** III  
**Environmental Hazards:** Yes.  
**ERG Code** 9L  
**Special Precautions for User:** Read safety instructions, SDS and emergency procedures before handling.

**Other Information**

**Passenger and Cargo Aircraft:** Allowed.  
**Cargo Aircraft Only:** Allowed.

**IMDG**

**UN Number:** UN3082  
**UN Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate) MARINE POLLUTANT  
**Transport Hazard Class(es)**  
**Class:** 9  
**Subsidiary Risk:** -  
**Packing Group:** III  
**Environmental Hazards**  
**Marine Pollutant:** Yes.  
**EmS:** F-A, S-F  
**Special Precautions for User:** Read safety instructions, SDS and emergency procedures before handling.

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not established.

**IATA; IMDG**



**Marine Pollutant**



**General Information:** IMDG Regulated Marine Pollutant

## SECTION 15: Regulatory Information

### 15.1 US Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

#### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

#### **SARA 304 Emergency Release Notification**

Not regulated.

#### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

#### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

##### **Hazard categories**

Immediate Hazard: Yes

Delayed Hazard: No

Fire Hazard: No

Pressure Hazard: No

Reactivity Hazard: No

#### **SARA 302 Extremely Hazardous Substance**

Not listed.

#### **SARA 311/312 Hazardous Chemical**

No.

#### **SARA 313 (TRI reporting)**

Not regulated.

#### **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

#### **Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

#### **Safe Drinking Water Act (SDWA)**

Not regulated.

#### **Drug Enforcement Administration (DEA), List 1 & 2 Exempt Chemical**

**Mixtures (21 CFR 1310.12©)**  
Benzaldehyde (CAS 100-52-7) 50% WV

**DEA Exempt Chemical Mixtures Code Number**  
Benzaldehyde (CAS 100-52-7) 8256

## 15.2 US State Regulations

### **US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

### **US. Massachusetts RTK - Substance List**

4-Heptanone (CAS 123-19-3)  
Benzaldehyde (CAS 100-52-7)  
Diacetyl (CAS 431-03-8)  
Isobutyraldehyde (CAS 78-85-2)

### **US. New Jersey Worker and Community Right-to-Know Act**

4-Heptanone (CAS 123-19-3)  
Benzaldehyde (CAS 100-52-7)  
Diacetyl (CAS 431-03-8)  
Isobutyraldehyde (CAS 78-85-2)

### **US. Pennsylvania Worker and Community Right-to-Know Law**

4-Heptanone (CAS 123-19-3)  
Benzaldehyde (CAS 100-52-7)  
Diacetyl (CAS 431-03-8)  
Isobutyraldehyde (CAS 78-85-2)

### **US. Rhode Island RTK**

Isobutyraldehyde (CAS 78-85-2)

### **US - California Proposition**

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## 15.3 International Inventories

Country(s) or region	Inventory name	On Inventory or exempt (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

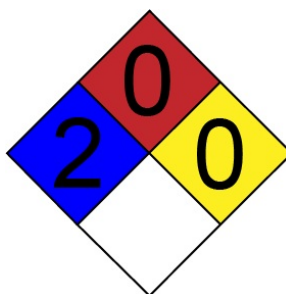
\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the products are not listed on the inventory administered by the governing country(s).

## SECTION 16: Other Information

### 16.1 HMIS® Ratings

Health: 2  
 Flammability: 0  
 Physical hazard: 0  
 Personal protection: B



### 16.2 NFPA ratings

Health: 2  
 Flammability: 0  
 Instability: 0

#### 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.