

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

- 1.1 Product Name:** Jacob Fragrance Oil  
**Product Code:** 303-369X
- 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 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 2A	H319: Causes serious eye irritation.
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)**

Flammable Liquids, Category 4	H227: Combustible liquid.
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation.
Eye Damage/Irritation, Category 2A	H319: Causes serious eye irritation.
Reproductive Toxicology, Category 2	H361: Suspected of damaging fertility or the unborn child.

**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:** Warning.

**Hazard Statements**

H227	Combustible liquid.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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

IN 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 so. Continue rinsing.

P308+P313

If exposed or concerned: Get medical advice/attention.

P333+P313

If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313

If eye irritation persists: 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):

CAS # Ingredient	EC#	Conc. Range	GHS Class.
98-55-5	202-680-6	5-10%	H227; H303; H315; H319; H401
<i>Terpineol</i>			
1222-05-5	214-946-9	2-5%	H316; H400; H410
<i>Hexamethylindanopyran</i>			

<b>CAS # Ingredient</b>	<b>EC#</b>	<b>Conc. Range</b>	<b>GHS Class.</b>
54464-57-2	259-174-3	2-5%	H315; H317; H400; H410
<i>Tetramethyl Acetyloctahydronaphthalenes</i>			
122-40-7	204-541-5	2-5%	H303; H316; H317; H401; H411
<i>Amyl Cinnamal</i>			
32210-23-4	250-954-9	2-5%	H303; H317; H401
<i>4-tert-Butylcyclohexyl acetate</i>			
5989-27-5	227-813-5	2-5%	H226; H304; H315; H317; H400; H410
<i>Limonene</i>			
66068-84-6	266-100-3	2-5%	H315; H401; H411
<i>Isocamphenyl cyclohexanol (mixed isomers)</i>			
80-54-6	2001-289-8	2-5%	H227; H302; H315; H317; H361; H401; H412
<i>Butylphenyl Methylpropional</i>			
31906-04-4	250-863-4	1-2%	H317; H402
<i>Hydroxyisohexyl 3-cyclohexene carboxaldehyde</i>			
125-12-2	204-727-6	1-2%	H227; H316; H401
<i>Isobornyl acetate</i>			
32388-55-9	251-020-3	1-2%	H303; H317; H400; H410
<i>Acetyl cedrene</i>			
24851-98-7	246-495-9	1-2%	H402
<i>Methyldihydrojasmonate</i>			
598655-0	227-807-2	1-2%	H401; H411
<i>Patchouli alcohol</i>			

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

Total Hydrocarbon Content (% w/w) = 5.54

## 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 and 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

<b>During Fire Fighting:</b>	Water may be ineffective.
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### 5.3 Advice for Firefighters

<b>Further Information:</b>	Standard procedure for chemical fires.
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## 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 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:** Contains no substances with occupational exposure limit values.

**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>	Golden Yellow to Orange (G7-9)
<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>	192°F (88.89°C)
<b>Auto flammability:</b>	Not determined
<b>Explosive Properties:</b>	None expected
<b>Oxidizing Properties:</b>	None expected
<b>Vapor Pressure (mmHg@20C):</b>	0.0702
<b>%VOC:</b>	0.07
<b>Specific Gravity @ 25 C:</b>	0.9110
<b>Density @ 25 C:</b>	0.9080
<b>Refractive Index @ 20 C:</b>	1.4700
<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>	Not classified - the classification criteria are not met.
<b>Acute Toxicity-Dermal (Rabbit) mg/kg</b>	(LD50: 4046.0425) May be harmful in contact with skin.
<b>Acute Toxicity-Inhalation (Rat) mg/L/4hr</b>	(LC50: 24.5919) May be harmful if inhaled.
<b>Skin Corrosion/Irritation</b>	Causes skin irritation.
<b>Serious Eye Damage/Irritation</b>	Causes serious eye irritation.
<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.
<b>Specific Target Organ Toxicity Repeated Exposure</b>	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**

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**

**Marine Pollutant:** Yes. Ingredient of greatest environmental impact:  
 1222-05-5                      2-5% Hexamethylindanopyran

Regulator	Class	Pack Group	UN-Nr.
<b>U.S. DOT (Non-Bulk)</b>	Not regulated - Not Dangerous Goods		
<i>Chemical NOI</i>			
<b>ADR/RID (International Road/Rail)</b>			
<i>Environmentally Hazardous Substance, Liquid, n.o.s.</i>	9	III	UN3082
<b>IATA (Air Cargo)</b>			
<i>Environmentally Hazardous Substance, Liquid, n.o.s.</i>	9	III	UN3082
<b>IMDG (Sea)</b>			
<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(NFS)      204-622-5    0.1-1.0%      beta-Myrcene (Natural Source)

### 15.3 Canadian Regulations

#### DSL/NDSL

100.00% of the components are listed or exempt. The following components are NOT on the List:

815580-59-7            453-570-1    <= 2 ppm    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.  
H303: May be harmful if swallowed.  
H316: Causes mild skin irritation.  
H317: May cause an allergic skin reaction.  
H401: Toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.

H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H400: Very toxic to aquatic life.  
H402: Harmful to aquatic life.  
H412: Harmful to aquatic life with long lasting effects.

### 16.2 Total Fractional Values

(TFV) Risk  
(203.32) Acute Toxicity Inhalation, Category 5  
(19.00) Sensitization, Skin, Category 1A  
(4.50) Sensitization, Skin, Category 1B  
(2.87) Skin Corrosion/Irritation, Category 2  
(1.25) Aquatic Chronic Toxicity, Category 4  
(1.17) Reproductive Toxicology, Category 2

(TFV) Risk  
(68.41) Aquatic Chronic Toxicity, Category 3  
(6.83) Aquatic Chronic Toxicity, Category 2  
(4.14) Skin Corrosion/Irritation, Category 3  
(1.34) Eye Damage/Irritation, Category 2A  
(1.24) Acute Toxicity Dermal, 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.