

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

- 1.1 Product Name:** Clove Leaf Essential Oil  
**Product Code:** 302-506X
- 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
- 1.4 Emergency Telephone Number**  
No additional information available.

**SECTION 2: Hazards Identification**

**2.1 Classification of the Substance or Mixture**

Skin Corrosion/Irritation Category 3	H316: Causes mild skin irritation.
Skin Sensitization, Category 1	H317: May cause an allergic skin reaction.
Eye Damage/Irritation, Category 1	H318: Causes serious eye damage.
Acute Aquatic Toxicity, Category 2	H401: Toxic to aquatic life.

**2.2 GHS Label Elements, Including Precautionary Statements**

**Hazard Pictograms**



**Signal Word:** Warning.

### Hazard Statements

H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H401	Toxic to aquatic life.

### Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280	Wear protective gloves/eye protection/face protection.
P370+P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P403+P235	Store in a well-ventilated place. Keep cool.

### 2.3 Hazards Not Otherwise Classified (HNOC) and Other Information

No information available.

## SECTION 3: Composition/Information on Ingredients

### 3.1 Substances

Chemical Name	EC Number	CAS Number	Weight %	Classification
Eugenol	202-589-1	97-53-2	50-90%	H303; H316; H317; H319; H401

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

<b>General Advice:</b>	If symptoms persist, call a physician.
<b>Eye Contact:</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eyes wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact:</b>	Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Ingestion:** Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician. Do not induce vomiting.

**Inhalation:** Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

**Self Protection of the First Aider:** Use personal protective equipment.

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

**Main Symptoms:** No information available.

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

**Note to Physicians:** Treat symptomatically. May cause sensitization in susceptible persons.

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

#### **5.1 Extinguishing Media**

**Suitable:** Use dry chemical, Carbon Dioxide (CO<sup>2</sup>), alcohol-resistant foam.

**Unsuitable:** Do not use solid water stream as it may scatter and spread fire.

#### **5.2 Special Hazards Arising from the Substance or Mixture**

No information available.

#### **5.3 Protective Equipment and Precautions for Firefighters**

As in any fire, wear a self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6: Accidental Release Measures

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

Use personal protective equipment. Avoid contact with eyes and skin. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

### 6.2 Environmental Precautions

Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### 6.3 Methods and Material for Containment and Cleaning Up

**Containment:** Prevent further leakage or spillage if safe to do so.

**Cleaning Up:** Dam up. Use personal protective equipment. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically and collect in suitable container for disposal.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Ensure adequate ventilation. Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. Do not breathe dust/fume/gas/mist/vapors/spray.

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

**Storage Conditions:** Keep out of reach of children. Keep container tightly closed in a cool, well-ventilated place. Keep in properly labeled container.

**Incompatible Products:** No information available.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

#### **Exposure Guidelines:**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL):** No information available.

**Predicted No Effect Concentration (PNEC):** No information available.

## 8.2 Exposure Controls

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas.

## 8.3 Personal Protective Equipment

**Eye/Face Protection:** Tightly fitting safety goggles

**Skin and Body Protection:** Protective gloves. Chemical resistant apron. Long sleeved clothing.

**Respiratory Protection:** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations:** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

# SECTION 9: Physical and Chemical Properties

## 9.1 Information on Basic Physical and Chemical Properties

<b>Physical State @ 20°C:</b>	Liquid
<b>Appearance:</b>	Clear
<b>Odor:</b>	Clove
<b>Odor Threshold:</b>	No information available
<b>Color:</b>	Colorless to pale yellow
<b>pH:</b>	No information available
<b>Melting Point/Range:</b>	No information available
<b>Freezing Point:</b>	No information available
<b>Initial Boiling Point:</b>	No information available
<b>Boiling Point/Range:</b>	No information available
<b>Flash Point:</b>	200°F / 93°C
<b>Evaporation Rate:</b>	No information available
<b>Flammability Limits in Air:</b>	No information available
<b>Explosive Properties:</b>	No information available
<b>Oxidizing Properties:</b>	No information available

<b>Vapor Pressure @ 20°C:</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity @ 25°C:</b>	1.036 - 1.046
<b>Specific Gravity @ 20°C:</b>	1.039 - 1.049
<b>Refractive Index:</b>	1.531 - 1.535
<b>Water Solubility:</b>	No information available
<b>Solubility:</b>	No information available
<b>Partition Coefficient:</b>	No information available
<b>Autoignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Viscosity, Dynamic:</b>	No information available
<b>Molecular Weight:</b>	No information available

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of Hazardous Reactions

No information available.

### 10.4 Conditions to Avoid

Heat, flames and sparks.

### 10.5 Incompatible Materials

No materials to be especially mentioned.

### 10.6 Hazardous Decomposition Products

None under normal use conditions.

## SECTION 11: Toxicological Information

### 11.1 Information on Likely Routes of Exposure

<b>Inhalation:</b>	There is no data available for this product.
<b>Eye Contact:</b>	There is no data available for this product.
<b>Skin Contact:</b>	There is no data available for this product.
<b>Ingestion:</b>	There is no data available for this product.

## 11.2 Information on Toxicological Effects

**Symptoms:** No information available.

## 11.3 Delayed and Immediate Effects as Well as Chronic Effects from Short and Long-term Exposure

**Sensitization:** No information available.

**Mutagenic Effects:** No information available.

**Carcinogenicity:** No information available.

**Reproductive Toxicity:** No information available.

**Specific Target Organ**

**Systemic Toxicity**

**(Single Exposure):** No information available.

**Specific Target Organ**

**Systemic Toxicity**

**(Repeated Exposure):** No information available.

**Aspiration Hazard** No information available.

## 11.4 Numerical Measures of Toxicity - Product Information

**Acute Toxicity:** 15% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated bases on Chapter 3.1 of the GHS document.

**Oral:** 2,500.00 mg/kg

## SECTION 12: Ecological Information

### 12.1 Ecotoxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

### 12.2 Persistence and Degradability

No information available.

### 12.3 Bioaccumulative Potential

No information available.

### 12.4 Mobility in Soil

No information available.

## 12.5 Results of PBT and vPvB Assessment

No information available.

## 12.6 Other Adverse Effects

No information available.

### SECTION 13: Disposal Considerations

#### 13.1 Waste Treatment Methods

**Waste Disposal Methods:** Dispose of in accordance with local regulations.

**Contaminated Packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

### SECTION 14: Transport Information

#### 14.1 Transport Information

**IMDG/IMO** Not regulated.

**ICAO/IATA** Not regulated.

### SECTION 15: Regulatory Information

#### 15.1 International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List



**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substance  
**IECSC** - China Inventory of Existing chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

<b>SECTION 16: Other Information</b>
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**16.1 Full Text of H-Statements Referred to Under Sections 2 and 3**

H303: May be harmful if swallowed.                      H316: Causes mild skin irritation.  
H317: May cause an allergic skin reaction.            H319: Causes serious eye irritation.  
H401: Toxic to aquatic life.

**WARNING/DISCLAIMER:**

This ingredient(s) has not been tested, nor has it been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively “E-Cigarettes”). In supplying this ingredient, Majestic Mountain Sage instructs, and by receiving the ingredient recipient confirms, that this ingredient will not be used in connection with the manufacture and distribution of E-Cigarettes or any component thereof.

**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.