

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

- 1.1 Product Name:** Cinnamon Leaf Essential Oil  
**Product Code:** 302-503X
- 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**

Flammable Liquids, Category 4	H227: Combustible liquid.
Acute Oral Toxicity, Category 5	H303: May be harmful if swallowed.
Skin Corrosion/Irritation Category 2	H315: Causes skin irritation.
Eye Damage/Irritation, Category 2A	H319: Causes serious eye irritation.
Germ Cell Mutagenicity, Category 2	H341: Suspected of causing genetic defects.
Carcinogenicity, Category 1B	H350: May cause cancer.
Acute Aquatic Toxicity, Category 2	H401: Toxic to aquatic life.
Chronic Aquatic Toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

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

**Hazard Pictograms**



**Signal Word:** Danger.

**Hazard Statements**

H227 Combustible liquid.  
H303 May be harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H341 Suspected of causing genetic defects.  
H350 May cause cancer.  
H401 Toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P201 Obtain special instructions before use.  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P280 Wear protective gloves/eye protection/face protection.  
P281 Use personal protective equipment as required.  
P308+P313 If exposed or concerned: Get medical advice/attention.  
P321 Specific treatment (See supplemental first aid instructions on this label).  
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**

<b>Chemical Name</b>	<b>EC Number</b>	<b>CAS Number</b>	<b>Weight %</b>	<b>Classification</b>
Eugenol	202-589-1	97-53-0	50-90%	H303; H316; H317; H319; H401
Linalool	201-134-4	78-70-6	1-5%	H227; H303; H316; H402
Benzyl Benzoate	204-402-9	120-51-4	1-5%	H302; H401; H411
Cinnamic Ald	305-271-1	94386-48-8	1-5%	H303; H316; H317; H319
Safrole	202-345-4	94-59-7	1-5%	H302; H341; H350

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

<b>General Advice:</b>	Immediate medical attention is required. 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.
<b>Ingestion:</b>	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.
<b>Inhalation:</b>	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.
<b>Self Protection of the First Aider:</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

### 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. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Evacuate personnel to safe areas. Pay attention to flashback. Take precautionary measures against static discharges.

### 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

Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

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

**Storage Conditions:** Keep away from heat and sources of ignition. 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. Antistatic boots. Wear fire/flame resistant/retardant clothing. 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. Avoid contact with skin, eyes and clothing. Wash hand before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs.

## 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-like
<b>Odor Threshold:</b>	No information available
<b>Color:</b>	Yellowish-brown
<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>	190°F / 88°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>	1.0300 - 1.0500
<b>Specific Gravity @ 20°C:</b>	1.033 - 1.053
<b>Refractive Index:</b>	1.5290 - 1.5370
<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
<b>VOC Content (%):</b>	3

## 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

**Inhalation:** There is no data available for this product.  
**Eye Contact:** There is no data available for this product.  
**Skin Contact:** There is no data available for this product.  
**Ingestion:** There is no data available for this product.

### 11.2 Information on Toxicological Effects

**Symptoms:** No information available.

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Eugenol	1930 mg/kg (Rat)		
Linalool	2790 mg/kg (Rat)	5610 mg/kg (Rat)	
Benzyl Benzoate	500 mg/kg (Rat)	4000 mg/kg (Rabbit) 4000 mg/kg (Rat)	
Safrole	1950 mg/kg (Rat)	5 g/kg (Rabbit)	

### 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.

Chemical Name	European Union
Safrole	Category 2

**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:** 3% 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:** 2,290.00 mg/kg  
**Dermal:** 53,677.00 mg/kg

## SECTION 12: Ecological Information

### 12.1 Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Daphnia and Other Aquatic Invertebrates
Linalool	88.3: 96 h Desmodesmus subspicatus mg/L EC50	22-46: 96 h Leuciscus idus mg/L LC50 static	20: 48 h Daphnia magna mg/L EC50



### 12.2 Persistence and Degradability

No information available.

### 12.3 Bioaccumulative Potential

No information available.

Chemical Name	log Pow
Linalool	2.84 - 3.1

### 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

DOT Not regulated.

IMDG/IMO Not regulated.

ICAO/IATA Not regulated.

## SECTION 15: Regulatory Information

### 15.1 International Inventories

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

#### 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

## SECTION 16: Other Information

### 16.1 Full Text of H-Statements Referred to Under Sections 2 and 3

H227: Combustible liquid.

H302: Harmful if swallowed.

H303: May be harmful if swallowed.

H316: Causes mild skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H341: Suspected of causing genetic defects if inhaled.

H350: Suspected of causing cancer if swallowed.

H401: Toxic to aquatic life.

H402: Harmful to aquatic life

H411: Toxic to aquatic life with long lasting effects.

**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.