



## Basil Essential Oil

Safety Data Sheet

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

- 1.1 Product Name:** Basil Essential Oil  
**Product Code:** 302-125X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc  
2490 S 1350 W  
Nibley, 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 4	H302: Harmful if swallowed.
Acute Dermal Toxicity, Category 5	H313: May be harmful in contact with skin.
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 2	H319: Causes serious eye irritation.
Germ Cell Mutagenicity, Category 2	H341: Suspected of causing genetic defects.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Acute Aquatic Toxicity, Category 3	H402: Harmful to aquatic life.
Chronic Aquatic Toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

## 2.2 Label Elements



**Signal Word:** Warning.

### Hazard Statements

H227	Flammable liquid.
H302	Harmful if swallowed.
H313	May be harmful in contact with skin.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

### Precautionary Statements

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.
P321	Specific treatment (see 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

Chemical Name	CAS-No	Weight %	Classification
Estragole	140-67-0	50-90%	H227; H302; H316; H317; H341; H351
Methyl Eugenol	93-15-2	1-5%	H302; H341; H351; H401

Chemical Name	CAS-No	Weight %	Classification
Limonene	5989-27-5	1-5%	H226; H304; H315; H317; H400; H410
Linalool	78-70-6	1-5%	H227; H303; H316; H402

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

- General Advice:** If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
- Eye Contact:** 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.
- Skin Contact:** Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. If skin irritation persists, call a physician.
- Ingestion:** Do NOT induce vomiting. Rinse mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
- Inhalation:** Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors or decomposition products. If breathing is irregular or stopped. Administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician.
- 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 Medial Attention and Special Treatment Needed

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

## 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

Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

### 6.2 Environmental Precautions

Prevent entry into waterways, sewers, basements or confined areas. 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. Beware of vapors accumulating to form explosive concentrations. Vapor can accumulate in low areas.

### 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. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Pick up and transfer to properly labeled container. Take precautionary measure against static discharge.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static 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:** None known based on information supplied.

**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.

Chemical Name	European Union	The United Kingdom	France	Spain	Germany
Limonene 5989-27-5					MAK: 20 ppm MAK 110 mg/m <sup>3</sup> Ceiling/Peak: 40 ppm Ceiling/Peak: 220 mg/m <sup>3</sup> TWA: 20 ppm TWA: 110 mg/m <sup>3</sup>

Chemical Name	Italy	Portugal	The Netherlands	Finland	Denmark
Limonene 5989-27-5				TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 50 ppm STEL: 280 mg/m <sup>3</sup>	

Chemical Name	Austria	Sweden	Switzerland	Poland	Norway
Limonene 5989-27-5			STEL 40 ppm STEL: 220 mg/m <sup>3</sup> MAK: 20 ppm MAK: 110 mg/m <sup>3</sup>		TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL 175 mg/m <sup>3</sup>

**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

<b>Eye/Face Protection:</b>	Tightly fitting safety goggles.
<b>Skin and Body Protection:</b>	Chemical resistant apron. Impervious gloves. Long sleeved clothing. Antistatic boots.
<b>Respiratory Protection:</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
<b>General Hygiene Considerations:</b>	When using, do not eat, drink or smoke. Wash contaminated clothing before reuse.

<b>SECTION 9: Physical and Chemical Properties</b>
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### 9.1 Information on Basic Physical and Chemical Properties

<b>Physical State @ 20°C:</b>	Liquid
<b>Appearance:</b>	Clear Yellow
<b>Odor:</b>	Spicy floral
<b>Odor Threshold:</b>	No information available
<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>	176°F / 80°C
<b>Evaporation Rate:</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>	0.920-0.983
<b>Specific Gravity @ 20°C:</b>	0.923-0.986
<b>Refractive Index:</b>	1.501-1.525
<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>	No information available

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical Stability

Stable under recommended storage 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 specifically 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

<b>Sensitization:</b>	No information available.
<b>Eye Damage/Irritation:</b>	No information available.
<b>Sensitization:</b>	No information available.
<b>Germ Cell Mutagenicity:</b>	No information available.
<b>Carcinogenicity:</b>	No information available.
<b>STOT - Single Exposure:</b>	No information available.
<b>STOT - Repeated Exposure:</b>	No information available.



**Target Organ Effects:** No information available.  
**Aspiration Hazard:** No information available.

**11.4 Other Information**

**Acute Toxicity:** 8% of the mixture consists of ingredient(s) of unknown toxicity.

**The Following Values Are Calculated Based on Chapter 3.1 of the GHS Document (Rev. 1, 2005):**

**Oral** 1,318.00 mg/kg  
**Dermal** 4,963.00 mg/kg

<b>SECTION 12: Ecological Information</b>
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**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
Limonene		0.619-0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	
Linalool	88.3: 96 h Desmodesmus subspicatus mg/L EC50	22-45: 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	3.1

#### 12.4 Mobility in Soil

No information available.

#### 12.5 Results of PBT and vPvB Assessment

No information available.

#### 12.4 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/ADR

Not regulated.

##### IMDG/IMO

Not regulated.

##### ICAO/IATA

Not regulated.

### SECTION 15: Regulatory Information

#### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

##### WGK Classification

Chemical Name	Germany - Water Classification - Annex 2 - Water Hazard Classes
Linalool 78-70-6	Hazard Class 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** - Phillipines 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.	H226: Flammable liquid and vapor.
H302: Harmful if swallowed.	H303: May be harmful if swallowed.
H304: May be fatal if swallowed and enters airways.	H315: Causes skin irritation.
H317: May cause an allergic skin reaction.	H316: Causes mild skin irritation
H351: Suspected of causing cancer.	H341: Suspected of causing genetic defects.
H400: Very toxic to aquatic life.	H401: Toxic to aquatic life.
H402: Harmful to aquatic life	H410: Very 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.