



# Peppermint Essential Oil

Safety Data Sheet

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product name:** Peppermint Essential Oil  
**Product code:** 302-502X
- 1.2 Recommended 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](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 oral toxicity               | Category 4 |
| Skin Corrosion/Irritation         | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2 |
| Skin Sensitization                | Category 1 |
| Acute Aquatic Toxicity            | Category 2 |
| Chronic Aquatic Toxicity          | Category 2 |
| Flammable Liquids                 | Category 4 |

### Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R-phrases mentioned in this Section, see Section 16.

### Symbols

Xi - Irritant

N - Dangerous for the environment

## 2.2 Label elements



### Signal Word

Warning

### Hazard statements

H227 Combustible liquid  
H302 Harmful if swallowed  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H411 Toxic to aquatic life with long lasting effects

### Precautionary Statements

P280 Wear eye protection/face protection  
P321 Specific Treatment (see ? On this label)  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P280 Wear protective gloves/eye protection/face protection.

## 2.3 Other Information

no data available

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Chemical Name	EC - No	CAS No	Weight %	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Menthols	218-690-9	2216-51-5	30-50%	XI; R38	No date available
Menthones	237-926-1	14073-97-3	20-30%	R52/53	No date available

Menthyl Acetate	201-911-8	89-48-5	1-5%	N; R51/53	Aquatic Acute 2 (H401) Skin Irrit. 3 (H316) Acute Chronic 2 (H411) Flam. Liq. 4 (H227)
Menthofuran	207-795-5	494-90-6	1-5%	XN; R22, XI; R38, N; R51/53	Aquatic Acute 2 (H401) Eye Irrit. 1 (H319) Skin Irrit. 2 (H316) Aquatic Chronic 2 (H411) Acute Tox. 4 (H302)
Pulegone	201-943-2	89-82-7	1-5%	XN; R22	Skin Irrit. 3 (H316) Acute Tox. 4 (H302) Acute Tox. 5 (H313) Flam. Liq. 4 (H227)
L-Limonene	227-815-6	5989-54-8	1-5%	R10, XI; R38, XI; R43, N; R50-53	Aquatic Acute 1 (H400) Skin Sens. 1 (H317) Skin Irrit. 2 (H316) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226)

For the full text of the R-phrases mentioned in this Section, see Section 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General Advice

If symptoms persists, call a physician.

#### Eye Contact

Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. If symptoms persist, call a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.

#### Skin Contact

Wash off immediately with soap and plenty of water for at least 15 minutes.. If skin irritation persists, call a physician. Wash contaminated clothing before reuse. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

#### Ingestion

Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**Inhalation**

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

**Protection of First - Aiders**

Use personal protective equipment

**4.2 Most important symptoms and effects, both acute and delayed****4.3 Indication of any immediate medical attention and special treatment needed****Notes to physician**

May cause sensitization in susceptible persons. Treat symptomatically.

<b>SECTION 5: Firefighting measures</b>
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**5.1 Extinguishing media****Suitable**

Dry chemical, Carbon dioxide (CO<sub>2</sub>), Water spray, Alcohol-resistant foam

**Unsuitable**

No information available

**5.2 Special hazards arising from the substance or mixture**

**Special Hazard:** None

**5.3 Advice for firefighters****Special Protective Equipment for Fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

<b>SECTION 6: Accidental release measures</b>
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**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid contact with eyes and skin. 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.

See Section 12 for additional Ecological Information

## 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. Vapors can accumulate in low areas.

## 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

# SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

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

Keep out of reach of children. Keep container tightly closed. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Keep away from heat.

## 7.3 Specific end uses

Exposure Scenario	N/A
Other Guidelines	N/A

# SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

### Exposure Limits

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

Chemical Name	Austria	Sweden Occupational Exposure Limits TLVs (LLVs)	Switzerland	Poland	Norway
L-Limonene 5989-54-8					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 - Personal protective equipment**

### **Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

### **Personal Protective Equipment**

Eye protection	Tightly fitting safety goggles
Hand protection	Protective gloves
Skin and body protection	Long sleeved clothing. Impervious gloves. Chemical resistant apron. Antistatic boots.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hygiene measures	When using, do not eat, drink or smoke. Wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.
Environmental Exposure Controls	Do not allow material to contaminate ground water system.

## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Appearance	Clear
Odor	Typical of mint
Color	Colorless to pale yellow

<b>Property</b>	<b>Values</b>	<b>Methods</b>
pH	No information available	
Melting / Freezing Point	No information available	
Boiling Point / Boiling Range	No data available	FCC Method
Flash Point	71 °C / 160 °F	Closed Cup
Evaporation Rate	No data available	FCC Method
Flammability (solid, gas)	No information available	
Flammability Limits in Air	No information available	
Upper / Lower Flammability limit	No information available	
Vapor Pressure mm Hg 20°C	No information available	
Vapor Density	No information available	
Relative Density	No information available	
Specific Gravity @ 25C	0.8960 - 0.9080	FCC Method
Specific Gravity @ 20C	0.8990 - 0.9110	FCC Method
Refractive Index	1.4590 - 1.4650	FCC Method
Water Solubility	No information available	
Partition Coefficient: n-octanol/water	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Viscosity, Dynamic	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

## 9.2 Other Information

VOC Content (%)	2
Molecular Weight	No information available

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity</b>	No information available
<b>10.2 Chemical stability</b>	Stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>	No information available
<b>10.4 Conditions to avoid</b>	Heat, flame, sparks.
<b>10.5 Incompatible materials</b>	No materials to be especially mentioned
<b>10.6 Hazardous decomposition products</b>	None under normal use conditions

## SECTION 11: Toxicological information

### 11.1 Information on Toxicological Effects

#### Acute toxicity

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
Acute toxicity	11% 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	500 mg/Kg
Skin corrosion/irritation	No information available
Eye damage/irritation	No information available
Sensitization	No information available
Germ cell mutagenicity	No information available
Carcinogenicity	No information available
Specific target organ systemic toxicity single exposure	No information available
Specific target organ systemic toxicity repeated exposure	No information available
Target Organ Effects	No information available
Aspiration hazard	No information available



## SECTION 12: Ecological information

### 12.1 Toxicity

#### Ecotoxicity effects

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

<b>12.2 Persistence and degradability</b>	No information available
<b>12.3 Bioaccumulative potential</b>	No information available
<b>12.4 Mobility in soil</b>	No information available
<b>12.5 Results of PBT and vPvB assessment</b>	No information available
<b>12.6 Other adverse effects</b>	Endocrine Disruptor Information.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste from residues/ unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Other information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific Waste Codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

### 14.1 DOT/ADR

UN.ID No	Not regulated (If shipped in NON-BULK packaging by ground transport)
Proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Limonene)
Hazard class	9
Packing Group	III
ERG Code	171

### 14.2 IMDG/IMO

Proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Limonene)
Hazard class	9

UN/ID No	3082
Packing Group	III
Marine pollutant	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO

### 14.3 ICAO / IATA

UN/ID No	3082
Proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Limonene)
Hazard class	9
Packing Group	III
Marine pollutant	P

<b>SECTION 15: Regulatory information</b>
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### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### WGK Classification

#### International Inventories

All of the components in the product are on the following Inventory lists: No information available, United States of America (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), China (IECSC), Japan (ENCS), Philippines (PICCS).

TSCA	-	ENCS	-
EINECS/ELINCS	-	IECSC	-
DSL/NDSL	-	AICS	-
PICCS	-	KECL	-

#### Legend

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

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

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

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

### 15.2. Chemical safety assessment

No data available.

## SECTION 16: Other information

### **Risk Combination Phrases**

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### **Full text of H-Statements referred to under sections 2 and 3**

H316 - Causes mild skin irritation

H302 - Harmful if swallowed

H227 - Combustible liquid

H401 - Toxic to aquatic life

H319 - Causes serious eye irritation

H411 - Toxic to aquatic life with long lasting effects

H400 - Very toxic to aquatic life

H317 - May cause an allergic skin reaction

H304 - May be fatal if swallowed and enters airways

H410 - Very toxic to aquatic life with long lasting effects

H226 - Flammable liquid and vapor

### **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:**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.