



# Peppermint Essential Oil, Willamette Valley

## Safety Data Sheet

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

**1.1 Product Name:** Peppermint, Willamette Valley Essential Oil  
**Product Code:** 302-112X

**1.2 Intended Use:** No information available

**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

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

#### R-Codes

Xi; R38 - R43 - N; R51 - 53

## 2.2 Label Elements



**Signal Word:** Warning

### Hazard Statements

H227 Combustible liquid  
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  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P370 + P378 In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.  
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]
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)
Pulegones	240-070-1	15932-80-6	1-5%	XN; R22	Skin Irrit. 3 (H316) Acute Tox. 4 (H302) Acute Tox. 5 (H313) Flam. Liq. 4 (H227)
Limonene	227-813-5	5989-27-5	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 while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

**Ingestion:** Do NOT induce vomiting. Rinse mouth as needed. Drink plenty of water. Immediate medical attention is not required. Never give anything by mouth to an unconscious person. Call a physician if irritation persists.

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

### **Protection of First**

#### **Aiders:**

Use personal protective equipment

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

No data available.

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

#### **Notes to Physician:**

May cause sensitization in susceptible persons. Treat symptomatically.

## **SECTION 5: Firefighting Measures**

### **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**

None

### **5.3 Advice for Firefighters**

#### **Special Protective Equipment for Firefighters**

As in any fire, wear self-contained breathing apparatus 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. 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.

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

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

Chemical Name	Austria	Sweden Occupational Exposure Limits TLVs (LLVs)	Switzerland	Poland	Norway
Limonene 5989-27-5			STEL: 40ppm STEL: 220 mg/m <sup>3</sup> MAK: 20ppm 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 - 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

Property	Values	Methods
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		
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

### 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, flame, 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 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:** 6,050.00 mg/Kg  
**Dermal:** 54,029.00 mg/Kg

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Pulegones	470 mg/kg (Rat)	3090 mg/kg (Rabbit)	
Limonene	4400 mg/kg (Rat)	2000 mg/ kg (Rabbit)	

**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.

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	

### 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 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

Not regulated (If shipped in NON BULK packaging by ground transport)

**UN/ID No:** 3082

**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

H313 - May be harmful in contact with skin

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

### Disclaimer:

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.