



Peppermint, Willamette Valley Essential Oil

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

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
P321	Specific Treatment (see ? On this label)
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

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 (CO₂), 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.

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 ³ Ceiling / Peak: 40ppm Ceiling / Peak: 220 mg/m ³ TWA: 20ppm TWA: 110 mg/m ³

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

Chemical Name	Austria	Sweden Occupational Exposure Limits TLVs (LLVs)	Switzerland	Poland	Norway
Limonene 5989-27-5			STEL: 40ppm STEL: 220 mg/m ³ MAK: 20ppm MAK: 110 mg/m ³		TWA: 25 ppm TWA: 140 mg/m ³ STEL: 37.5 ppm STEL: 175 mg/m ³

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

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

14.2 ICAO / IATA

UN/ID No	3082
Proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Limonene)
Hazard class	9
Packing Group	III
ERG Code	171

SECTION 15: Regulatory information

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.