



Rosemary Essential Oil

Safety Data Sheet

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

- 1.1 Product Name:** Rosemary Essential Oil
Product Code: 302-509X
- 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

Acute Toxicity - Inhalation (Vapors)	Category 3
Serious Eye Damage/Irritation	Category 2
Skin Sensitization	Category 1
Flammable Liquids	Category 3

2.2 GHS Label Elements, Including Precautionary Statements

Emergency Overview

Signal Word:	Danger
Hazard Statements:	Toxic if inhaled Causes serious eye irritation May cause an allergic skin reaction Flammable liquid and vapor



Appearance: clear

Physical State: liquid

Odor: Aromatic

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician.

In case of fire: Use CO₂, dry chemical, or foam for extinction.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant according to local, regional, national, and international laws and regulations.

2.3 Hazards Not Otherwise Classified (HNOC) and Other Information

May be harmful if swallowed.

Causes mild skin irritation.

Very toxic to aquatic life with long lasting effects.

Very toxic to aquatic life.

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Chemical Name	CAS No.	Weight %
1, 8-Cineole	470-82-6	30-50%
Pinenes	80-56-8	15-20%
Camphor	464-49-3	5-10%
Camphene	79-92-5	5-10%
Limonene	5989-27-5	1-5%
Laevo Borneol	464-45-9	1-5%
A-Terpineol	98-55-5	1-5%

Chemical Name	CAS No.	Weight %
Gamma Terpinene	99-85-4	1-5%
Myrcene	123-35-3	1-5%
P-Cymene	99-87-6	1-5%
Linalool	78-70-6	1-5%

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

General Advice: Immediate medical attention is required. Show this material safety data sheet to the doctor in attendance. If symptoms persist, return to physician for advice/care.

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: Immediate medical attention is not required. Immediately wash off with soap and water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Ingestion: Do NOT induce vomiting. Rinse mouth with water and afterwards, drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Inhalation: Immediate medical attention is not required. Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist call a physician.

Self Protection of the First Aider: Remove all sources of ignition. Use personal protective equipment.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Main Symptoms: Hives

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 Extinguishing Media: Use dry chemical, carbon dioxide (CO₂), water fog, or alcohol-resistant foam.

Unsuitable Extinguishing Media: Water jet may spread fire. Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.

5.2 Special Hazards Arising from the Substance or Mixture

Keep product and empty container away from heat and sources or risks of ignition. Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion, do not breathe fumes. May cause sensitization in susceptible persons.

Explosion Data:

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: Yes

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

Evacuate personnel to safe areas, Remove all sources of ignition. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent products from entering drains. Do not flush into surface water or sanitary sewer system. Beware of vapors accumulating to form explosive concentrations. Vapors 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: Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take precautionary measures against static discharge.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. No smoking. Take precautionary measures against static electricity discharge (which might cause ignition of organic vapors). To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Use only in an area containing flame proof equipment. Use only in area provided with appropriate exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep tightly closed in a dry, cool, and well-ventilated place. Keep away from heat. Keep in properly labeled containers.

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.

8.2 Exposure Controls

Engineering Controls: Showers, Eyewash stations, Ventilation systems.

8.3 Personal Protective Equipment

Eye Protection: Tightly fitting safety goggles

Skin and Body Protection: Chemical resistant apron.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection must be worn. Positive- pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations: When using, do not eat, drink or smoke. Wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area, and clothing.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical State:	Liquid	Appearance:	Clear
Odor:	Aromatic	Color:	Colorless to pale yellow

<u>Property</u>	<u>Values</u>
pH:	No information available
Melting/Freezing Point:	No information available
Boiling Point/Boiling Range:	No information available
Flash Point (closed cup):	40°C/104°F
Evaporation Rate:	No information available
Flammability (solid, gas):	No information available
Flammability Limits in Air:	No information available
Upper Flammability Limit:	No information available
Lower Flammability Limit:	No information available
Vapor Pressure mm Hg 20°C:	No information available

Vapor Density:	No information available
Specific Gravity @ 25 °C:	0.894 - 0.912 (FCC Method)
Specific Gravity @ 20 °C:	0.897 - 0.915 (FCC Method)
Refractive Index:	1.464 - 1.476 (FCC Method)
Water Solubility:	Practically insoluble
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

Softening Point:	No information available
Molecular Weight:	No information available
VOC Content (%):	No information available
Density VALUE:	No information available
Bulk Density VALUE:	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

None known under normal processing.

10.4 Conditions to Avoid

Heat, flames and sparks

10.5 Incompatible Materials

None known based on information supplied.

10.6 Hazardous Decomposition Products

None known based on information supplied.

SECTION 11: Toxicological Information

11.1 Information on Likely Routes of Exposure

Product Information: Product does not present an acute toxicity hazard based on known information.

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

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Pinenes 80-56-8	2100 mg/kg (Rat)	5000 mg/kg (Rat)	-
Camphene 79-92-5	5000 mg/kg (Rat)	2500 mg/kg (Rabbit)	17100 mg/m ³ (Rat) 1 h
Limonene 5989-27-5	4400 mg/kg (Rat)	2000 mg/kg (Rabbit)	-
A-Terpineol 98-55-5	5170 mg/kg (Rat)	-	-
Myrcene 123-35-3	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	-
P-Cymene 99-87-6	3669 mg/kg (Rat)	-	-
Linalool 78-70-6	2790 mg/kg (Rat)	5610 mg/kg (Rat)	-

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

Sensitization: No information available
Germ Cell Mutagenicity: No information available
Carcinogenicity: This product does not contain one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possible carcinogenic to humans (Group 2B).

Chemical Name	ACGIH	IARC	NTP	OSHA
Limonene 5989-27-5		Group 3		

IARC (International Agency for Research on Cancer)
 Group 3 - Not Classifiable as Carcinogenic to Humans

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
Chronic Toxicity: Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
Aspiration Hazard: No information available.

11.4 Numerical Measures of Toxicity - Product Information

The following values are calculated based on Section 3.1 of the GHS Document: mg/Kg and mg/L

SECTION 12: Ecological Information

12.1 Toxicity

Ecotoxicity Effects: Very toxic to aquatic life with long lasting effects. 2.4% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

12.2 Persistence and Degradability

No information available

12.3 Bioaccumulative Potential

No information available

Chemical Name	log Pow
Pinenes 80-56-8	4.1
P-Cymene 99-87-6	4.1
Linalool 78-70-6	3.1

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: Do not reuse container.

US EPA Waste Number: D001

This product contains one or more substance that are listed with the State of California as hazardous waste.

Chemical Name	California Hazardous Waste Status
Limonene 5989-27-5	Toxic

SECTION 14: Transport Information

14.1 Transport Information

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

UN/ID No. 1993

Proper Shipping Name: Flammable Liquid, N.O.S. (Pinenes, Limonene)

Hazard Class 3
Packing Group III
ERG Code 128

ICAO/IATA

UN/ID No. 1993
Proper Shipping Name: Flammable Liquid, N.O.S. (Pinenes, Limonene)
Hazard Class 3
Packing Group III

IMDG/IMO

UN/ID No. 1993
Proper Shipping Name: Flammable Liquid, N.O.S. (Pinenes, Limonene)
Hazard Class 3
Packing Group III
Marine Pollutant This product contains a chemical which is listed as marine pollutant according to IMDG/IMO

SECTION 15: Regulatory Information

15.1 International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	Complies
AICS	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 - China Inventory of Existing Chemical Substances
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

15.2 U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This products does not contain any chemicals which are subjects to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	Yes
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No

Clean Water Act

This product does not contain any substances regulated as pollutant pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

15.3 U.S. State Regulations

California Proposition 65

This product is not, to the best of our knowledge, subject to the labeling requirements under California Proposition 65.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Pinenes 80-56-8	X	X	X
P-Cymene 99-87-6		X	X

SECTION 16: Other Information

16.1 NFPA Rating

Health Hazard: 2
Flammability: 2
Instability: 0

16.2 HMIS Rating

Health Hazard: 2
Flammability: 2
Physical Hazard: 0
Personal Protection: B

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.