



Eucalyptus Essential Oil

Safety Data Sheet

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

- 1.1 Product Name:** Eucalyptus Essential Oil
Product Code: 302-518X
- 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

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

Flammable Liquids, Category 3	H226: Flammable liquid and vapor.
Acute Oral Toxicity, Category 5	H303: May be 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.
Acute Aquatic Toxicity, Category 2	H401: Toxic to aquatic life.
Chronic Aquatic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects.

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

Symbol(s)

XI - Irritant

N - Dangerous for the environment

R-code(s)

R10 - R43 - N;R51/53

2.2 Label Elements



Signal Word: Warning.

Hazard Statements

H226 Flammable liquid and vapor.
H316 Causes mild 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

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 Wear eye protection/face protection.
P321 Specific treatment (see supplemental first aid instruction on this SDS)
P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

2.4 Hazards Not Otherwise Classified (HNOC) and Other Information

No information available.

SECTION 3: Composition/Information on Ingredients

3.1 Substances

CAS # Ingredient	EC#	Weight %	Classification
80-56-8	201-291-9	10-15%	H226; H303; H304; H315; H317; H400; H410
<i>Pinenes</i>			
5989-27-5	227-813-5	5-10%	H226; H304; H315; H317; H400; H410
<i>Limonene</i>			

For the full text of Hazard Statements, see Section 16.

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 persists, call a physician.
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:	Immediately wash off with soap and water 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 with water and afterwards, drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
Inhalation:	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. Call a physician.
Self Protection of the First Aider:	Use personal protective equipment. Remove all sources of ignition.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No information available.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to Physicians:	May cause sensitization in susceptible people. Treat symptomatically.
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SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Use dry chemical, Carbon Dioxide (CO₂), alcohol-resistant foam, water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable: No information available.

5.2 Special Hazards Arising from the Substance or Mixture

None.

5.3 Protective Equipment and Precautions for Firefighters

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

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Remove all sources of ignition. Evacuate personnel to safe areas. 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.

See Section 12 for additional Ecological Information.

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product 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

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

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static discharge (which might cause ignition of organic vapors).

7.2 Conditions for Safe Storage, Including Any Incompatibilities

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

7.3 Specific End Uses

No information available.

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	Spain	Germany
Pinenes 80-56-8	VLA-ED: 20 ppm VLA-ED: 113 mg/m ³	
Limonene 5989-27-5		MAK: 20 ppm MAK: 110 mg/m ³ Ceiling/Peak: 40 ppm Ceiling/Peak: 220 mg/m ³ TWA: 20 ppm TWA: 110 mg/m ³

Chemical Name	Portugal	Finland
Pinenes 80-56-8	TWA: 20 ppm	
Limonene 5989-27-5		TWA: 25 ppm TWA 140 mg/m ³ STEL 50 ppm STEL: 280 mg/m ³

Chemical Name	Sweden	Switzerland	Norway
Pinenes 80-56-8	25 ppm NGV 150 mg/m ³ NGV		TWA 25 ppm TWA: 140 mg/m ³ Skin STEL 37.5 ppm STEL: 175 mg/m ³
Limonene 5989-27-5		STEL: 40 ppm STEL 220 mg/m ³ MAK: 20 ppm 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

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

8.3 Personal Protective Equipment

Eye/Face Protection: Tightly fitting safety goggles

Skin and Body Protection: Anti-static boots. Wear fire/flammable resistant/retardant clothing. Impervious gloves. Long sleeved clothing. Chemical resistant apron.

Respiratory Protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations: When using, do not eat, drink or smoke. 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
Odor:	Aromatic and somewhat camphoraceous aroma
Appearance:	Clear
Color:	Colorless to pale yellow

<u>Property</u>	<u>Values</u>	<u>Method</u>
pH:		No information available
Melting/Freezing Point:		No information available
Boiling point/Boiling Range:		FCC Method
Flash Point:	49°C / 120°F	Closed cup
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:	0.905-0.925	FCC Method
Specific Gravity @ 20°C:	0.908-0.928	FCC Method
Refractive Index:	1.458-1.47	FCC Method
Water Solubility:		No information available
Solubility in Other Solvents:		No information available
Partition Coefficient:		No information available
n-octanol/water:		
Autoignition Temperature:		No information available
Decomposition Temperature:		No information available
Viscosity, Kinematic:		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 (%):	18
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

No information available.

10.4 Conditions to Avoid

Heat, flames and sparks.

10.5 Incompatible Materials

No materials to especially mentioned.

10.6 Hazardous Decomposition Products

None under normal use conditions.

SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity:	82% of the mixture consists of ingredient(s) of unknown 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.
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.

11.4 Numerical Measures of Toxicity - Product Information

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

Oral 2,736.00 mg/kg

Dermal: 3,000.00 mg/kg

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
Pinenes	-	0.28: 96 h Pimephales promelas mg/L LC50 static	41: 48 h Daphnia magna mg/L LC50
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

Chemical Name	log Pow
Pinenes	4.1

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 Packaging:	Dispose of in accordance with local regulations.
Contaminated Packaging:	Empty container should be taken to an approved waste handling site for recycling or disposal.
Other Information:	According to the European Waste Catalog, 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 Transport Information

<u>DOT/ADR</u>	Not regulated (If shipped in NON BULK packaging by ground transport)
UN/ID Number:	1993
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S. (PINENES, LIMONENE)
Hazard Class:	3
Packing Group:	III
ERG Code:	128

<u>IMDG/IMO</u>	
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S. (PINENES, LIMONENE)
Hazard Class:	3
UN/ID Number:	1993
Packing Group:	III
Marine Pollutant:	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO

<u>ICAO/IATA</u>	
UN/ID Number:	1993
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S. (PINENES, LIMONENE)
Hazard Class:	3
Packing Group:	III
Marine Pollutant:	P

SECTION 15: Regulatory Information

15.1 International Inventories

TSCA:	Complies
EINECS/ELINCS:	Complies
DSL/NDSL:	Complies
PICCS:	Complies
ENCS:	Complies
IECSC:	Complies
AICS:	Complies
KECL:	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:	Philippines Inventory of Chemicals and Chemical Substances
AICS:	Australian Inventory of Chemical Substances

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other Information

16.1 Full Text of Risk Combination Phrases

R50/53 - Very toxic 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.

16.2 Full Text of H-Statements Referred to Under Sections 2 and 3

H226: Flammable liquid and vapor.	H303: May be harmful if swallowed.
H304: May be fatal if swallowed.	H315: Causes skin irritation.
H317: May cause an allergic skin reaction.	H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life.	

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.