



Spearmint Essential Oil, First Cutting

Safety Data Sheet

Section 1: Identification of the Substance/mixture and of the Company/undertaking

- 1.1 Product Name:** Spearmint First Cutting Essential Oil
Product Code: 302-209X
- 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

Aspiration Toxicity	Category 1
Acute Oral Toxicity	Category 4
Acute Dermal Toxicity	Category 5
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

Xn - Harmful
N - Dangerous

R-Codes

Xn; R22 - Xi; R38 - N; R51 - 53

2.2 Label Elements



Signal Word: Danger

Hazard Statements

H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enter airways
H313	May be harmful in contact with skin
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)
P301 + P310	IF SWALLOWED: Immediately call a Poison Center or doctor/physician
P331	Do NOT induce vomiting
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]
Carvone	202-759-5	99-49-0	50-90%	XN; R22; XI; R43	Aquatic Acute 3 (H402) Skin Sens. 1 (H317) Skin Irrit. 3 (H316) Acute Tox. 4 (H302) Acute Tox. 5 (H313)
Limonene	227-813-5	5989-27-5	15-20%	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)
Pinenes	201-291-9	80-56-8	1-5%	R10, XI; R43, N; R50/53, XN; R65	Aquatic Acute 1 (H400) Skin Sens. 1 (H317) Skin Irrit. 3 (H316) Asp. Tox. 1 (H304) Aquatic Chronic 1 (H410) Acute Tox. 5 (H303) 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. Do not breathe dust/fume/gas/mist/vapors/ spray. Do not get in eyes, on skin, or on clothing.

Eye Contact:

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

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

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

Inhalation: Move to fresh air in case of accidental inhalation of vapors or decomposition products. If breathing is irregular or stopped, administer artificial respiration or use barrier to give mouth-to-mouth resuscitation. Avoid direct contact with skin. Immediate medical attention is not required. If symptoms persist, call a physician.

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 (CO₂), 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

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

Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in area provided with appropriate exhaust ventilation. 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 container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. 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
Pinenes 80-56-8				VLA-ED: 20ppm VLA-ED: 113mg/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	
Pinenes 80-56-8		TWA: 20ppm			

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
Pinenes 80-56-8		25 ppm NGV 150 mg/m ³ NGV			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: Lightweight protective clothing. Impervious gloves. Long sleeved clothing. 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: Reminiscent of carvone
Color: Water white 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	63 °C / 145 °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	0.9170 - 0.9340	FCC Method
Specific Gravity @ 20C	0.92 - 0.937	FCC Method
Refractive Index	1.4840 - 1.4910	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 (%): 22
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: 18% 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: 1,949.00 mg/Kg
Dermal: 2,384.00 mg/Kg

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Carvone	1640 mg/kg (Rat)		
Limonene	4400 mg/kg (Rat)	2000 mg/ kg (Rabbit)	
Pinenes	2100 mg/kg (Rat)	5000 mg/ kg (Rat)	

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

12.2 Persistence and Degradability No information available

12.3 Bioaccumulative Potential No information available

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 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, Pinenes)

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 Not regulated

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	Complies	ENCS	Complies
EINECS/ELINCS	Complies	IECSC	Complies
DSL/NDSL	Complies	AICS	Complies
PICCS	Complies	KECL	Complies

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

16.1 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	H302: Harmful if swallowed
H303: May be harmful if swallowed	H304: May be fatal if swallowed and enters
H313: May be harmful in contact with skin	airways
H316: Causes mild skin irritation	H317: May cause an allergic skin reaction
H400: Very toxic to aquatic life	H402: Harmful to aquatic life
H410: Very toxic to aquatic life with long lasting effects	

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.