

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

- 1.1 Product Name:** Grapefruit, White, Essential Oil
Product Code: 302-517X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, Utah 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

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Flammable Liquids, Category 3
Aspiration Hazard, Category 1

H226: Flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.

Skin Corrosion/Irritation Category 2
Skin Sensitization, Category 1B

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.

2.2 Label Elements, Including Precautionary Statements

Hazard Pictograms



Signal Word: Danger.

Hazard Statements

H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.

Precautionary Statements - Prevention

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash face, hands and any exposed skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

P321 Specific treatment (see supplemental first aid instructions on this label).
P370+P378 In case of fire: Use CO₂, dry chemical, or foam to extinguish.

Precautionary Statements - Storage

P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Precautionary Statements - Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

2.3 Hazards Not Otherwise Classified (HNOC) and Other Information

Very toxic to aquatic life with long lasting effects.
Very toxic to aquatic life.

Unknown Acute Toxicity: 98.56% of the mixture consist of ingredient(s) of unknown toxicity.

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Product:

Chemical Name	CAS No	GHS Classification	Alternate CAS	FEMA Numbers
Oils, grapefruit	8016-20-4	H226; H304; H315; H317; H400; H410	90045-43-5	2530

Contains:

Chemical Name	CAS No	Weight %	GHS Classification	FEMA Numbers
d-Limonene	5989-27-5	>= 25%	H226; H304; H315; H317; H400; H410	2633
Myrcene	123-35-3	1 - < 5%	H226; H304; H315; H319; H400; H411	2762
Alpha Pinene	80-56-8	0.1 - 1%	H226; H302; H304; H315; H317; H400; H410	2902
Caryophyllene	87-44-5	0.1 - 1%	H304; H317; H413	2252
Ocimene	3336-55-4	0.1 - 1%	H226; H303; H304; H315; H400; H411	3539
Terpinolene	586-62-9	< 0.1%	H227; H303; H304; H316; H317; H400; H410	3046
Linalool	378-70-6	< 0.1%	H227; H303; H315; H317; H402	2635
Beta Pinene	127-91-3	< 0.1%	H226; H304; H315; H317; H400; H410	2903
Citronellal	106-23-0	< 0.1%	H227; H303; H315; H317; H319; H401	2307

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

Ingestion: Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation: Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors or decomposition products. 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: No information available.

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: Use dry chemical, Carbon Dioxide (CO₂), alcohol-resistant foam.

Unsuitable: Do not use solid water stream as it may scatter and spread fire.

Flammable Properties:

Flammable may be ignited by heat, sparks or flames.

5.2 Special Hazards Arising from the Substance or Mixture

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 by inhalation and skin contact. Keep product and empty container away from heat and sources of ignition. Risk of ignition. Flammable.

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

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.

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

Containment: Prevent further leakage or spillage if safe to do so.

Cleaning Up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically and collect in suitable container for disposal.

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 spark-proof tools and explosion proof equipment. All equipment used when handling the product must be grounded. Use local exhaust ventilation. Wear personal protective equipment/face protection. Do not breathe dust/fumes/gas/mist/spray.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep tightly closed in a dry, cool and well ventilated place. Keep in properly labeled containers. Keep away from heat and sources of ignition.

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.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH/IDLH
Alpha Pinene 80-56-8	TWA: 20 ppm	-	-
Beta Pinene 127-91-3	TWA: 20 ppm	-	-

8.2 Exposure Controls

Engineering Controls: Showers, eyewash stations, and ventilation systems.

8.3 Personal Protective Equipment

Eye/Face Protection: Tightly fitting safety goggles. Face shield.

Skin and Body Protection: Protective gloves. Chemical resistant apron.

Respiratory Protection:

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should 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. Provide regular cleaning of equipment, work area and clothing.

SECTION 9: Physical and Chemical Properties
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9.1 Information on Basic Physical and Chemical Properties

Physical State @ 20°C:	Liquid
Appearance:	Clear Amber - Yellow
Odor:	Characteristic
Odor Threshold:	No information available
pH:	No information available
Melting Point/Range:	No information available
Freezing Point:	No information available
Initial Boiling Point:	No information available
Boiling Point/Range:	410°F / 210°C
Flash Point:	109.4°F / 43°C
Evaporation Rate:	No information available
Flammable Properties:	Flammable; may be ignited by heat, sparks or flames.
Vapor Density:	No information available
Specific Gravity:	0.851
Refractive Index:	No information available
Water Solubility:	Insoluble in water
Partition Coefficient:	No information available
Autoignition Temperature:	No information available
Decomposition Temperature:	No information available
Viscosity, Dynamic:	No information available
Molecular Weight:	No information available
VOC Content (%):	No information available

SECTION 10: Stability and Reactivity

10.1 Reactivity

Exothermic reaction.

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions

None 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 Toxicological Effects and Likely Routes of Exposure

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:	95.56% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated bases on Chapter 3.1 of the GHS document.

ATEmix (Oral):	5407 mg/kg
ATEmix (Dermal):	5204 mg/kg

Sensitization:	No information available.
Mutagenic Effects:	No information available.
Carcinogenicity:	There are no known carcinogenic chemicals in this product.
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.**SECTION 12: Ecological Information****12.1 Ecotoxicity**

This product contains a chemical which is listed as a marine pollutant according to DOT.

Very toxic to aquatic life with long lasting effects.

2.46% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Daphnia and Other Aquatic Invertebrates
d-Limonene 5989-27-5	-	LC50: 35 mg/L LC50: 0.619 - 0.796 mg/L	-
Alpha Pinene 80-56-8	-	LC50: 0.28 mg/L	LC50: 41 mg/L
Linalool 78-70-6	EC50: 88.3 mg/L	LC50: 22-46 mg/L	EC50L 20 mg/L

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 Disposal Methods:	Dispose of in accordance with local regulations.
Contaminated Packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport Information

14.1 Transport Information

DOT

BULK PACKAGING

UN Number:	1169
Proper Shipping Name:	Extracts, aromatic, liquid
Hazard Classification:	3
Packing Group:	III
Marine Pollutant:	This product contains a chemical which is listed as a marine pollutant according to DOT.
Reportable Quantity:	Please refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities.

DOT

NON BULK PACKAGING

NOTE: According to 49 CFR 173.150(f)(1). This material was reclassified as a combustible liquid. This provision does not apply to transportation by vessel or aircraft. Except where other means of transportation are impractical.

NA Number:	1993
Proper Shipping Name:	Combustible liquid, n.o.s. (D-Limonene)
Hazard Classification:	3
Packing Group:	III
Reportable Quantity:	Please refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities.

IMDG/IMO

UN Number: 1169
Proper Shipping Name: Extracts, aromatic, liquid
Hazard Classification: 3
Packing Group: III
Marine Pollutant: This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO.
Reportable Quantity: Please refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities.

MEX (SCT)

UN Number: 1169
Proper Shipping Name: Extracts, aromatic, liquid
Hazard Classification: 3
Packing Group: III
Reportable Quantity: Please refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities.

ICAO/IATA

UN Number: 1169
Proper Shipping Name: Extracts, aromatic, liquid
Hazard Classification: 3
Packing Group: III
Reportable Quantity: Please refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities.

TDG

UN Number: 1169
Proper Shipping Name: Extracts, aromatic, liquid
Hazard Classification: 3
Packing Group: III
Reportable Quantity: Please refer to Appendix A to 49CFR 172.101 - List of Hazardous Substances and Reportable Quantities.

RID

UN Number: 1169
Proper Shipping Name: Extracts, aromatic, liquid
Hazard Classification: 3
Packing Group: III

ADR/RID

UN Number: 1169
Proper Shipping Name: Extracts, aromatic, liquid
Hazard Classification: 3
Packing Group: III

SECTION 15: Regulatory Information

15.1 International Regulations

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
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 - 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 U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject 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
Pressure Hazard: No
Reactive Hazard: No

Clean Water Act

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

CERCLA

This material, as supplies, 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 does not contain directly added chemicals found on the Proposition 65 list. Proposition 65 chemicals are naturally occurring from essential oils.

Chemical Name	California Proposition 65
Myrcene 123-35-3	Carcinogen

U.S. State Right-to-Know Regulations

No information available.

U.S. EPA Label Information

No information available.

SECTION 16: Other Information

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

H226: Flammable liquid and vapor.	H227: Combustible liquid.
H302: Harmful if swallowed.	H303: May be harmful if swallowed.
H304: May be fatal if swallowed and enters airways.	H315: Causes skin irritation.
H317: May cause an allergic skin reaction.	H316: Causes mild skin irritation.
H400: Very toxic to aquatic life.	H319: Causes serious eye irritation.
H402: Harmful to aquatic life.	H401: Toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.	H410: Very toxic to aquatic life with long lasting effects.
	H413: May cause long lasting harmful effects to aquatic life.

16.2 NFPA Rating

Health Hazard:	2
Flammability:	2
Instability:	0
Physical and Chemical Hazards:	-

16.3 HMIS Rating

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

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.