

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

- 1.1 Product Name:** Elements of Bamboo Fragrance Oil
Product Code: 303-198X
- 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

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification According to Regulation (EC) No. 1272/2008 [CLP]

Flammable Liquids, Category 3	H226: Flammable liquid and vapor.
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation.
Skin Sensitization, Category 1	H317: May cause an allergic skin reaction.
Serious Eye Damage/Irritation, Category 2	H319: Causes serious eye irritation.
Aquatic Acute Hazard, Category 1	H400: Very toxic to aquatic life.
Aquatic Chronic Hazard, Category 1	H410: Very toxic to aquatic life with long lasting effects.

2.2 Label Elements

Hazard Pictograms



Signal Word: Warning

Hazard Statements

H226	Flammable liquid and vapor.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

P210	Keep away from heat, hot surfaces, 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.
P261	Avoid breathing mist or vapor.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear eye protection/face protection and protective gloves.

Response:

P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P321	Specific treatment (see supplemental first aid)

P333+P313	instruction on this label). If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 P362+P364	If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
P370+P378 P391	In case of fire: Use appropriate media to extinguish. Collect spillage

Storage:

P403+P235 Store in a well ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 Hazard(s) Not Otherwise Classified (HNOC)

None known.

2.4 Supplemental Information

82.93% of the mixture consists of component(s) of unknown acute inhalation toxicity. 10.97% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 15.13% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

SECTION 3: Composition/Information on Ingredients
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3.1 Mixtures

Chemical Name	CAS Number	%
d-Limonene	5989-27-5	30-<40%
Diethyl phthalate	84-66-2	10-<20%
Orange sweet, Valencia oil	8008-57-9	5-<10%
Lemon oil	8008-56-8	3-<5%
Linalool	78-70-6	3-<5%
Tangerine oil	8016-86-1	3-<5%
(1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	68877-29-2	1-<3%
Citral	5392-40-5	1-<3%

Dihydromyrcenol	18479-58-8	1-<3%
Chemical Name	CAS Number	%
Eugenol	97-53-0	1-<3%
Ginger oil	8007-08-7	1-<3%
Grapefruit oil	8016-20-4	1-<3%
Linalyl acetate	115-95-7	1-<3%
Mandarin oil	8008-31-9	1-<3%
1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	1506-02-1	<1%
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	<1%
Benzyl benzoate	120-51-4	<1%
Benzyl salicylate	118-58-1	<1%
Bergamot oil	8007-75-8	<1%
Geraniol	106-24-1	<1%
Lavender oil	8000-28-0	<1%
Musk ketone	81-14-1	<1%
Geranyl acetate	105-87-3	<0.3%
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	68039-49-6	<0.2%
Allyl hexanoate	123-68-2	<0.2%
Butylated hydroxytoluene	128-37-0	<0.2%
Cedarwood oil, Virginian	8000-27-9	<0.2%
Coriander seed oil	8008-52-4	<0.2%
alpha-Pinene	80-56-8	<0.1%
Vanillin	121-33-5	<0.1%
Other components below reportable levels		5-<10%

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin Exposure:	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
Eye Exposure:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Get medical attention if symptoms occur.

4.2 Most Important Symptoms/Effects, Acute and Delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

4.3 Indication of Immediate Medical Attention and Special Treatment Needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

4.4 General Information

Take off all contaminated clothing immediately. If exposure or concerned: Get medical advice/attention. Ensure that medical personnel are away of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Alcohol resistant foam, water fog, dry chemical powder, carbon dioxide (CO₂).

Unsuitable: Do not use a direct water jet on burning material, as this will spread the fire.

5.2 Special Hazards Arising from the Substance or Mixture

During Fire Fighting: Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

5.3 Advice for Firefighters

Special Protective Equipment for Firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special Fire Fighting Procedures:

In case of fire and or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials.

General Fire Hazards:

Flammable liquid and vapor.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained. For personal protection, see Section 8 of the SDS.

6.2 Environmental Precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

6.3 Methods and Materials for Containment and Cleaning Up

Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Use non-combustible material like vermiculite, sand or earth to soap up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand, or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8: Exposure Controls/Personal Protection**8.1 Occupational Exposure Limits****US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
alpha-Pinene (CAS 80-56-8)	TWA	20 ppm	
Butylated hydroxytoluene (CAS 128-37-0)	TWA	2 mg/m ³	Inhalable fraction and vapor.
Citral (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapor.
Diethyl phthalate (CAS 84-66-2)	TWA	5 mg/m ³	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Butylated hydroxytoluene (CAS 128-37-0)	TWA	10 mg/m ³
Diethyl phthalate (CAS 84-66-2)	TWA	5 mg/m ³

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Vanillin (CAS 121-33-5)	TWA	10 mg/m ³

Biological Limit Values: No biological exposure limits noted for the ingredient(s).

Exposure Guidelines**US ACGIH Threshold Limit Values: Skin Designation**

Citral (CAS 5392-40-5)	Can be absorbed through the skin.
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Appropriate Engineering Controls:

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

8.2 Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection:	Chemical respirator with organic vapor cartridge and full face piece.
Skin Protection:	Wear appropriate chemical resistant clothing and gloves. Use of an impervious apron is recommended.
Respiratory Protection:	Chemical respirator with organic vapor cartridge and full face piece.
Thermal Hazards:	Wear appropriate thermal protective clothing when necessary.
General Hygiene Measures:	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

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

Appearance:	Golden to Dark Yellow
Physical State:	Liquid
Form:	Liquid
Color:	Not available
Odor:	Characteristic of name
Odor Threshold:	Not available
pH:	Not available

Melting/Freezing Point:	-110.86 °C (-79.37 °F) estimated
Initial Boiling/Range:	411 °C (210.55 °F) estimated
Flash Point:	129.9 °C (54.4 °F)
Evaporation Rate:	Not available
Flammability (Solid, Gas):	Not applicable
Upper/Lower Flammability or Explosive Limits	
Flammability Limit - Lower (%):	Not available
Flammability Limit - Upper (%):	Not available
Explosive Limit - Lower (%):	Not available
Explosive Limit - Upper (%):	Not available
Vapor Pressure:	1.358 hPa estimated
Vapor Density:	Not available
Relative Density:	Not available
Solubility(ies)	
Solubility (water):	No
Solubility (other):	Not available
Auto-ignition Temperature:	855 °C (457.22 °F) estimated
Decomposition Temperature:	Not available
Viscosity:	Not available

9.2. Other Information

Density:	7.58 lbs/gal estimated
Explosive Properties:	Not explosive
Oxidizing Properties:	Not oxidizing
Refractive Index:	1.474-1.479
Specific Gravity:	0.879-0.919

SECTION 10: Stability and Reactivity

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

10.4 Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources. Avoid temperature exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible Materials

Strong acids. Strong oxidizing agents.

10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11: Toxicological Information
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11.1 Information on Likely Routes of Exposure

Inhalation:	Harmful if inhaled.
Skin Contact:	Causes skin irritation. May cause an allergic skin reaction.
Eye Contact:	Causes serious eye irritation.
Ingestion:	Expected to be a low ingestion hazard.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

11.2 Information on Toxicological Effects

Acute Toxicity:	Harmful if inhaled. May cause an allergic skin reaction.
Skin Corrosion/Irritation:	Causes skin irritation.
Serious Eye Damage/Irritation:	Causes serious eye irritation.
Respiratory or Skin Sensitization	
ACGIH Sensitization:	
Alpha-Pinene (CAS 80-56-8)	Dermal sensitization.
Citral (CAS 5392-40-5)	Dermal sensitization.
Respiratory Sensitization:	Not a respiratory sensitizer.
Skin Sensitization:	May cause an allergic skin reaction.
Germ Cell Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Butylated hydroxytoluene (CAS 128-37-0)	3 Not classifiable as to carcinogenicity to humans
d-Limonene (CAS 5989-27-5)	3 Not classifiable as to carcinogenicity to humans
Eugenol (CAS 97-53-0)	3 Not classifiable as to carcinogenicity to humans

OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)

Not listed.

Reproductive Toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific Target Organ Toxicity Single Exposure:	Not classified.
Specific Target Organ Toxicity Repeated Exposure:	Not classified.
Aspiration Hazard:	Not an aspiration hazard.
Chronic Effects:	Prolonged inhalation may be harmful.

SECTION 12: Ecological Information

12.1 Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Components	Species	Test Results
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde (CAS 68039-49-6)	No data available	No data available
Bergamot oil (CAS 8007-75-8)	No data available	No data available
Diethyl phthalate (CAS 84-66-2) Aquatic Crustacea EC50 Fish LC50	Water flea (Daphnia magna) Rainbow trout, donaldson trout (oncorhynchus mykiss)	86 mg/l, 48 h 12 mg/l, 96 h
Dihydromyrcenol (CAS 18479-58-8)	No data available	No data available
Lemon oil (8008-56-8)	No data available	No data available

12.2 Persistence and Degradability No data is available on the degradability of this product.

12.3 Bioaccumulative Potential

Partition coefficient n-octanol/water (log Kow)	
alpha-Pinene	4.83
Benzyl benzoate	3.97
Diethyl phthalate	2.47
d-Limonene	4.232
Eugenol	2.27
Linalool	2.97
Vanillin	1.37

12.4 Mobility in Soil No data available.

12.5 Other Adverse Effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Disposal Instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national /international regulations.

Local Disposal Regulations: Dispose in accordance with all applicable regulations.

Hazardous Waste Code: The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from Residues/
Unused Products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated Packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport Information

14.1 Transport Information

DOT

UN Number: UN1169
UN Proper Shipping Name: Extracts, aromatic, liquid
(SANDELA/SANTALEX REPLACER,
PEARLIDE BB (GALAXOLIDE 50 BB))

Transport Hazard Class(es)

Class: 3
Subsidiary Risk: -
Label(s): 3
Packing Group: III
Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling.
Special Provisions: B1, IB3, T2, TP1
Packaging Exceptions: 150
Packaging Non Bulk: 203
Packaging Bulk: 242

IATA

UN Number: UN1169
UN Proper Shipping Name: Extracts, aromatic, liquid
Transport Hazard Class(es)

Class: 3
Subsidiary Risk: -

Label(s):	3
Packing Group:	III
Environmental Hazards:	No.
ERG Code:	3L
Special Precautions for User:	Read safety instructions, SDS and emergency procedures before handling.
Other Information	
Passenger and Cargo Aircraft:	
Aircraft:	Allowed.
Cargo Aircraft Only:	Allowed.

IMDG

UN Number:	UN1169
UN Proper Shipping Name:	EXTRACTS, AROMATIC, LIQUID
Transport Hazard Class(es)	
Class:	3
Subsidiary Risk:	-
Packing Group:	III
Environmental Hazards	
Marine Pollutant:	No.
EmS:	F-E, S-D
Special Precautions for User:	Read safety instructions, SDS and emergency procedures before handling.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

DOT



IATA;IMDG



SECTION 15: Regulatory Information

15.1 U.S. Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Diethyl phthalate (CAS 84-66-2) Listed.

SARA 304 Emergency Release Notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard: Yes
	Delayed Hazard: Yes
	Fire Hazard: Yes
	Pressure Hazard: No
	Reactivity Hazard: No

SARA 302 Extremely Hazardous Substances

Not listed.

SARA 311/312 Hazardous Chemical

No.

SARA 313 (TRI Reporting)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

15.2 U.S. State Regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Reds, tit. 22, 69502.3, subd. (a))

Diethyl phthalate (CAS 84-66-2)

US. Massachusetts RT. - Substance List

alpha-Pinene (CAS 80-56-8)
 Butylated Hydroxytoluene (CAS 128-37-0)
 Diethyl phthalate (CAS 84-66-2)

US. New Jersey Worker and Community Right-to-Know Act

alpha-Pinene (CAS 80-56-8)
 Butylated Hydroxytoluene (CAS 128-37-0)
 Diethyl phthalate (CAS 84-66-2)

US. Pennsylvania Worker and Community Right-to-Know Law

alpha-Pinene (CAS 80-56-8)
 Butylated Hydroxytoluene (CAS 128-37-0)
 Diethyl phthalate (CAS 84-66-2)

US. Rhode Island RTK

Diethyl phthalate (CAS 84-66-2)

US. California Proposition 65

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

15.3 International Inventories

Country(s) or Region	Inventory Name	On inventory or exempt
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed on the inventory administered by the governing country(s).

SECTION 16: Other Information

16.1 HMIS Ratings

Health: 2
Flammability: 1
Physical Hazard: 0
Personal Protection: B



16.2 NFPA Ratings

Health: 2
Flammability: 1
Instability: 0

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.