

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

- 1.1 Product Name:** Pineapple Smoothie Fragrance Oil
Product Code: 303-278X
- 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

Flammable Liquids	Category 3
Acute Toxicity, Oral	Category 4
Sensitization, Skin	Category 1

2.2 Environmental Hazards

Hazardous to the Aquatic Environment, Acute Hazard	Category 2
Hazardous to the Aquatic Environment, Long-term Hazard	Category 2

2.3 OSHA Defined Hazards

Not classified.

2.4 Label Elements

Hazard Pictograms



Signal Word: Warning

Hazard Statements

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long-lasting effects.

Precautionary Statements**Prevention:**

P210	Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipments.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing fume, gas, mist, vapors, spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P273	Avoid release to the environment.
P281	Wear personal protective equipment as required.

Response:

P301+330+312	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water/ shower.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse
P370+P378	In case of fire: Use Carbon Dioxide (CO ₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391	Collect spillage

Storage:

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

Disposal:

P501

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

2.5 Hazard Not Otherwise Classified

None known

2.6 Supplemental Information

2.9% of the mixture consists of component(s) of unknown acute oral toxicity.
 2.9% of the mixture consists of component(s) of unknown acute dermal toxicity.
 2.9% of them mixture consists of component(s) of unknown acute inhalation toxicity. 6.35% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

SECTION 3: Composition/Information on Ingredients**3.1 Mixtures**

Chemical Name	CAS Number	%
Ethyl butyrate	105-54-4	5-<10
Allyl cyclohexanepropionate	2705-87-5	3-<5
Isoamyl butyrate	106-27-4	3-<5
Pentyl acetate	628-63-7	3-<5
Allyl heptanoate	142-19-8	1-<3
Allyl hexanoate	123-68-2	1-<3
Coumarin	91-64-5	1-<3
Ethyl acetate	141-78-6	1-<3
Ethyl isovalerate	108-64-5	1-<3
Lemon oil	8008-56-8	1-<3
Vanillin	121-33-5	1-<3
Other components below reportable levels		70-<80

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

- Inhalation:** Remove from exposure site to fresh air and keep at rest. Call a physician if symptoms develop or persist.
- Eye Contact:** Flush immediately with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact physician if symptoms persist.
- Skin Contact:** Immediately remove contaminated clothing. Wash skin thoroughly with water and soap. Contact physician if symptoms persist. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
- Ingestion:** Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

4.2 Most Important Symptoms/Effects, Acute and Delayed

Direct contact with eyes may cause temporary irritation. May cause an allergic skin reactions. 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. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Water fog, Foam, Dry chemical powder, Carbon dioxide (CO₂).

Unsuitable: Do not use a direct water jet as an extinguishing, as this will spread the fire.

5.2 Special Hazards Arising from the Substance or Mixture

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

Equipment and Instructions: In case of fire and/or explosion, do not breath fumes. Move containers from fire area if you can do so without risk.

Special Methods: 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

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For Personal protection, see Section 8 of this SDS.

6.2 Methods and Materials for Containment and Cleaning Up

Eliminate all ignition sources (no smoking, flares, spark or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Never return spills to original contains for re-use. Take precautionary measures against static discharges.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. 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.

6.3 Environmental Precautions

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

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. 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. Do not taste or swallow. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

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**

The following constituents are the only constituents of the product which have a PEL, TLV, or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethyl acetate (CAS 141-78-6)	PEL	1400 mg/m ³
		400 ppm
Pentyl acetate (CAS 628-63-7)	PEL	525 mg/m ³
		100 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethyl acetate (CAS 141-78-6)	TWA	400 ppm
Pentyl acetate (CAS 628-63-7)	STEL	100 ppm
	TWA	50 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethyl acetate (CAS 141-78-6)	TWA	1400 mg/m ³
		400 ppm
Pentyl acetate (CAS 628-63-7)	TWA	525 mg/m ³
		100 ppm

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).

8.2 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.

8.3 Exposure Controls - Personal Protective Equipment

Eye/Face Protection: Face shield is recommended. Wear safety glasses with side shields (or goggles).

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Skin Protection: Wear appropriate chemical resistant gloves and chemical resistant clothing. Use of an impervious apron is recommended.

Thermal Hazard: Wear appropriate thermal protective clothing, when necessary.

General Hygiene Considerations: When using, do not smoke. Keep away from food and drink. 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

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Colorless to Pale Yellow
Physical State:	Liquid.
Form:	Liquid.
Odor:	Characteristic of name
Odor Threshold:	Not available
pH:	Not available
Melting/Freezing Point:	-95.64° F (-70.91°C) estimated
Initial Boiling Point:	412.41°F (211.34°C) estimated
Flash Point:	124.0°F (51.1°C) Closed Cup
Evaporation Rate:	Not available
Flammability (solid, gas):	Not applicable
Upper/Lower Flammability or Explosive Limits	
Explosive Limit - Lower (%)	Not available
Explosive Limit - Upper (%)	Not available
Vapor Pressure:	1.268 hPa estimated
Vapor Density:	Not available
Relative Density:	Not available
Solubility in Water:	Not soluble
Auto-Ignition Temperature:	724.6°f (384.78°C)
Decomposition Temperature:	Not available
Viscosity:	Not available
Other Information:	
Density:	7.72 lbs/gal estimated
Explosive Properties:	Not explosive
Hydrocarbons Percent:	Not determined
Oxidizing Properties:	Not oxidizing
Refractive Index:	1.4398-1.4448
Specific Gravity:	0.906-0.966
VOC:	Not determined

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 temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible Materials

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:	Prolonged inhalation may be harmful.
Skin Contact:	May cause an allergic skin reaction.
Eye Contact:	Direct contact with eyes may cause temporary irritation.
Ingestion:	Harmful if swallowed.

Symptoms Related to the Physical, Chemical and Toxicological

Characteristic:	May cause an allergic skin reaction. Dermatitis. Rash.
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11.2 Information on Toxicological Effects

Acute Toxicity:	Harmful if swallowed
Skin Corrosion/Irritation:	Prolonged skin contact may cause temporary irritation.
Serious Eye Damage/Irritation:	Direct contact with eyes may cause temporary irritation.
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:	Not classifiable as carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Coumarin (CAS 91-64-5)	3 Not classifiable as carcinogenicity to humans.
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OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

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

Toxic to aquatic life with long lasting effects.

Components	Species	Test Results
Allyl cyclohexanepropionate (CAS 2705-87-5)	No data available	No data available
Lemon Oil (CAS 8008-56-8)	No data available	No data available

12.2 Persistence and Degradability No data available

12.3 Bioaccumulative Potential

Partition Coefficient N-octanol/water (log Kow)

Coumarin	1.39
Ethyl acetate	0.73
Ethyl butyrate	1.73
Pentyl acetate	2.3
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 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.

13.2 Local Disposal Regulations

Dispose in accordance with all applicable regulations.

13.3 Hazardous Waste Code

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

13.4 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).

13.5 Contaminated Packaging

Since emptied container may retain product residue, follow label warning even after container is emptied. Empty container 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
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: -
Packing Group: III
Environmental Hazard: No
ERG Code: 3L
Special Precautions: Read safety instructions, SDS and emergency procedures before handling.
Other Information:
Passenger/Cargo Aircraft: Allowed with restrictions.
Cargo Aircraft Only: Allowed with restrictions.

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: Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II Of MARPOL 73/78 and the IBC Code

Not established.

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)

Ethyl acetate (CAS 141-78-6) Listed.

Pentyl acetate (CAS 628-63-7) Listed.

SARA 304 Emergency Release Notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

<u>SARA 302 Extremely Hazardous Substance</u>	Not listed.
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<u>SARA 311/312 Hazardous Chemical</u>	Not listed.
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<u>SARA 313 (TRI Reporting)</u>	Not regulated.
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15.2 Other Federal Regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

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

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Ethyl acetate (CAS 141-78-6)

Low priority

15.3 U.S. State Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

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

SECTION 16: Other Information

16.1 HMIS® Ratings

Health: 2

Flammability: 1

Physical Hazard: 0

Personal protection: D

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.