



Safety Data Sheet

Pineapple Cilantro Fragrance Oil

March 23rd, 2023

Section 1: Chemical Product and Company Identification

Product name: Pineapple Cilantro Fragrance Oil
Contact Info: Bramble Berry Inc.
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Bellingham, WA 98225
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1-877-627-7883

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Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS

Flammable Liquids, Category 4	H227 : Combustible liquid
Acute Toxicity Oral, Category 4	H302 : Harmful if swallowed
Acute Toxicity Dermal, Category 4	H312 : Harmful in contact with skin
Skin Corrosion/Irritation, Category 3	H316 : Causes mild skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
Reproductive Toxicity, Category 1B	H360 : May damage fertility or the unborn child
Aquatic Acute Toxicity, Category 1	H400 : Very Toxic to aquatic life

Aquatic Chronic Toxicity, Category 2 H411 : Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammable Liquids, Category 4	H227 : Combustible liquid
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Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Reproductive Toxicity, Category 1B	H360 : May damage fertility or the unborn child

Classification Other

Carcinogenicity This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements

Labeling (GHS)

Hazard pictograms



Signal Word: Danger

Hazard statements

H227	Combustible liquid
H302	Harmful if swallowed
H312	Harmful in contact with skin
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H333	May be harmful if inhaled
H360	May damage fertility or the unborn child



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H400	Very Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P235	Keep cool
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

Response:

P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth
P302 + P352	IF ON SKIN: Wash with soap and water
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P308 + P313	IF exposed or concerned: Get medical advice/attention
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P363	Wash contaminated clothing 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

2.3 Other Hazards

no data available

Section 3: Composition/Information on Ingredients

3.1 Mixtures



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This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS# <i>Ingredient</i>	EC#	Conc. Range	GHS Classification
120-51-4 Benzyl Benzoate	204-402-9	20-30%	H302; H313; H400; H411
123-68-2 Allyl caproate	204-642-4	10-20%	H227; H301; H311; H331; H400; H412
1222-05-5 Hexamethylindanopyran	214-946-9	5-10%	H316; H400; H410
5989-27-5 Limonene	227-813-5	5-10%	H226; H304; H315; H317; H400; H412
106-32-1 Ethyl octanoate	203-385-5	2-5%	H227; H401; H411
142-19-8 Allyl heptanoate	205-527-1	2-5%	H227; H301; H311; H400; H412
106-27-4 Isoamyl butyrate	203-380-8	2-5%	H226; H401
78-70-6 Linalool	201-134-4	2-5%	H227; H303; H315; H317; H319; H402
104-61-0 gamma-Nonalactone	203-219-1	1-2%	H316
2705-87-5 Allyl cyclohexylpropionate	220-292-5	1-2%	H302; H312; H317; H400; H411
142-92-7 Hexyl acetate	205-572-7	1-2%	H226; H316; H401; H411
105-54-4 Ethyl butyrate	203-306-4	1-2%	H226; H319
123-66-0 Ethyl hexanoate	204-640-3	1-2%	H226; H315; H401
628-63-7 Amyl Acetate	211-047-3	1-2%	H226
101-86-0 Hexyl cinnamal	202-983-3	0.1-1.0%	H303; H316; H317; H400; H411
91-64-5 Coumarin	202-086-7	0.1-1.0%	H301; H317; H402



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80-54-6 Butylphenyl Methylpropional	201-289-8	0.1-1.0%	H227; H302; H315; H317; H360; H401; H412
80-56-8 Pinene	201-291-9	0.1-1.0%	H226; H302; H304; H315; H317; H400; H410

See Section 16 for full text of GHS classification codes
Total Hydrocarbon Content (% w/w) = 5.56

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

Eye Exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin Exposure: Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: no data available

Risks: Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed Treatment:

Refer to Section 2.2 "Response"

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO₂), Dry chemical, Foam

Unsuitable: Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal container. Keep air contact to a minimum.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Component		ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
628-63-7	<i>Amyl Acetate</i>	50	100	100	
80-56-8	<i>pinene</i>	20			

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties



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Appearance: Liquid
Odor: Conforms to Standard
Color: Yellow Tint - Yellow (G0/1-5)
Viscosity: Liquid
Freezing Point: Not determined
Boiling Point: Not determined
Melting Point: Not determined
Flashpoint (CCCFP): 142°F (61.11°C)
Auto flammability: Not determined
Explosive Properties: None Expected
Oxidizing properties: None Expected
Vapor Pressure (mmHg@20°C): 0.4417
%VOC: 38.78
Specific Gravity @ 25°C: 0.9600
Density @ 25°C: 0.9500
Refractive Index @ 20°C: 1.4770
Soluble in: Oil

Section 10: Stability and Reactivity

Reactivity	None
Chemical stability	Stable
Possibility of hazardous reactions	None known
Conditions to avoid	None known
Incompatible materials	Strong oxidizing agents, strong acids, and alkalis
Hazardous decomposition products	None known

Section 11: Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 935.4237) Harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 1203.3309) Harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 29.1467) May be harmful if inhaled
Skin corrosion / irritation:	Causes mild skin irritation



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Serious eye damage / irritation:	Not classified - the classification criteria are not met
Respiratory sensitization:	Not classified - the classification criteria are not met
Skin sensitization:	May cause an allergic skin reaction
Germ cell mutagenicity:	Not classified - the classification criteria are not met
Carcinogenicity:	Not classified - the classification criteria are not met
Reproductive toxicity:	May damage fertility or the unborn child
Specific target organ toxicity - single exposure:	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure:	Not classified - the classification criteria are not met
Aspiration hazard:	Not classified - the classification criteria are not met

Section 12: Ecological Information

12.1 Toxicity

Acute aquatic toxicity: Very toxic to aquatic life

Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.

Toxicity Data on soil: No data available.

Toxicity on other organisms: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Other adverse effects: No data available.

Section 13: Disposal Conditions

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

Section 14: Transport Information

Marine Pollutant: Yes. Ingredient of greatest environmental impact:

120-51-4 : (20-30%) : Benzyl Benzoate

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)	Not Regulated – Not Dangerous Goods			



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Chemicals NOI				
ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IATA (Air Cargo) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IMDG (Sea) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082

Section 15: Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt.

40 CFR (EPCRA, SARA, CERCLA and CAA): This product contains the following components:

1222-05-5	214-946-9	5-10%	Hexamethylindanopyran
628-63-7	211-047-3	1-2%	Amyl Acetate

U.S. State Regulations:

California Proposition 65 Warning: This product contains the following components:

123-35-3(NF)	204-622-5	0.01-0.1%	beta-Myrcene (Natural Source)
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Canadian Regulations:

DSL / NDSL: 100.00% of the components are listed or exempt.

Section 16: Other Information

GHS H-Statements referred to under section 3

H302 : Harmful if swallowed	H313 : May be harmful in contact with skin
H314 : Causes severe skin burns and eye damage	H315 : Causes skin irritation
H317 : May cause an allergic skin reaction	H318 : Causes serious eye damage
H400 : Very Toxic to aquatic life	H401 : Toxic to aquatic life
H402 : Harmful to aquatic life	H412 : Harmful to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk

(64.45) Acute Toxicity Inhalation, Category 5

(TFV) Risk

(10.18) Aquatic Chronic Toxicity, Category 3



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(4.30) Sensitization, Skin, Category 1B

(1.66) Acute Toxicity Oral, Category 5

(1.06) Aquatic Chronic Toxicity, Category 4

(3.60) Sensitization, Skin, Category 1A

(1.16) Eye Damage/Eye Irritation, Category 2A

(1.01) Aquatic Chronic Toxicity, Category 2

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