BRAMBLE BERRY
HANDCRAFT PROVISIONS

Safety Data Sheet
Coconut Citrus Sorbet Fragrance Oil

April 19th, 2023

Section 1: Chemical Product and Company Identification

Product name:	Coconut Citrus Sorbet Fragrance Oil
Contact Info:	Bramble Berry Inc. 2138 Humboldt Street Bellingham, WA 98225 info@brambleberry.com www.brambleberry.com 1-877-627-7883
Use of the substance/mixture	perfumes, fragrances
Emergency Phone Number:	Within USA & Canada: 1.800.424.9300 CCN693143 Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

GHS-US Classification

Flammable liquids Category 4	H227 Combustible liquid
Skin sensitization, Category 1	H317 May cause an allergic skin reaction

2.2 Label elements

GHS-US Labeling

Hazard pictograms

Signal Word: Warning

Hazard statements

H227 - Combustible liquid

H317 - May cause an allergic skin reaction

Precautionary Statements

Prevention:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - If on skin: Wash with plenty of water.

P321 - Specific treatment (see supplemental first aid instruction on this label).

2.3 Other Hazards

no data available

2.4 Unknown acute toxicity (GHS US)

Not applicable

Section 3: Composition/Information on Ingredients

3.1 Mixtures

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):

Name	Product Identifier (CAS No)	%	GHS-US Classification
Orange Oil	8028-48-6	1.49-2.98	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317

			Asp. Tox. 1, H304
Benzyl benzoate	120-51-4	1.425-2.85	Acute Tox. 4 (Oral), H302
Ethyl maltol	4940-11-8	0.815-1.63	Acute Tox. 4 (Oral), H302
Litsea cubeba oil	68855-99-2	0.52-1.04	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Lime oil, distilled	8008-26-2	0.52-1.04	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

See Section 16 for full text of GHS classification codes

Section 4: First Aid Measures

4.1 Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Allow the person to breathe fresh air. Allow the person to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Get medical advice/attention. Specific treatment (see Call a physician immediately, Wash skin with plenty of water on this label). Wash contaminated clothing before reuse.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/physician/ doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause an allergic skin reaction.

Symptoms/effects after skin contact: May cause an skin allergic reaction or irritation.

Potential adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

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

Treat symptomatically.

Section 5: Fire-Fighting Measures

5.1 Extinguishing media
Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media: Do not use a heavy water stream.
5.2 Special hazards arising from the substance or mixture
Fire hazard: Combustible liquid
Explosion hazard: May form flammable/explosive vapor-air mixture.
Hazardous decomposition products in case of fire: Toxic fumes may be released.
5.3 Advice for firefighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering the environment.
Protection during firefighting: Do not enter a fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
General measures: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
6.1.1. For non-emergency personnel
Emergency procedures: Ventilate spillage area. Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Only qualified personnel equipped with suitable protective equipment may intervene.
6.1.2. For emergency responders
Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures: Ventilate area.
6.2 Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.
6.3 Methods and materials for containment and cleaning up
Methods for cleaning up: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if the product enters sewers or public waters. Dispose of materials or solid residues at an authorized site.
6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection.

Section 7: Handling and Storage

7.1 Precautions for safe handling
Additional hazards when processed: Handle empty containers with care because residual vapors are flammable. Keep away from Keep away from heat, sparks and flame. - No smoking.
Precautions for safe handling: Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Avoid breathing fume, mist, spray, vapors. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Separate working clothes from town clothes. Launder separately.
7.2 Conditions for safe storage, including any incompatibilities
Technical measures : Proper grounding procedures to avoid static electricity should be followed.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep the container closed when not in use. Keep in fireproof place. Store in a well-ventilated place. Keep cool. Store locked up.
Incompatible products: Strong bases. Strong acids.
Incompatible materials: Sources of ignition. Direct sunlight. Heat sources.
Storage temperature: 25 °C
Storage area: Store in a well-ventilated place. Store away from heat.
Special rules on packaging: Store in a closed container.
Packaging materials: Do not store in corrodible metal.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters
No additional information available

8.2 Exposure controls
Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear protective gloves.
Eye protection: Chemical goggles or safety glasses.
Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Wear appropriate mask. [In case of inadequate ventilation] wear respiratory protection
Other information: Do not eat, drink or smoke during use.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties
Physical State: Liquid
Odor: Characteristic
Color: Light Yellow Amber
Odor Threshold: No data available
pH: No data available
Relative evaporation rate (butyl acetate=1): No data available
Melting Point: No data available
Freezing Point: No data available
Boiling Point: No data available
Flash Point: 80° C (closed cup)
Auto-ignition Temperature: No data available
Decomposition Temperature: No data available
Flammability (solid, gas): Combustible liquid. Non-flammable
Vapor Pressure: No data available
Relative vapor density at 20°C: No data available
Vapor Pressure: No data available
Relative Density: ~1
Solubility: No data available
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Explosion limits: No data available
9.2. Other information
No additional information available

Section 10: Stability and Reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability: Combustible liquid. May form flammable/explosive vapor-air mixture. Not established.
Possibility of hazardous reactions: Not established
Conditions to avoid: Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks. Avoid contact with hot surfaces. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials: Strong acids. Strong bases
Hazardous decomposition products: Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

Section 11: Toxicological Information

11.1. Information on toxicological effects
Acute toxicity: Not classified
Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: May cause an allergic skin reaction.
Germ cell mutagenicity: Not classified**.**
Carcinogenicity: Not classified
Reproductive toxicity: Not classified.
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation: May cause an allergic skin reaction.

Section 12: Ecological Information

12.1 Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. Toxic to aquatic life with long lasting effects.

Ecology - water: Toxic to aquatic life with long lasting effects.

Benzyl benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
NOEC (chronic)	0.168 mg/l
Ethyl maltol (4940-11-8)	
LC50 - Fish [1]	> 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

12.2. Persistence and degradability

Coconut Citrus Sorbet #8370F	
Persistence and degradability	May cause long-term adverse effects in the environment.
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3 Bioaccumulative potential:

Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)
Bioaccumulative potential	Not established.
Ethyl maltol (4940-11-8)	
Partition coefficient n-octanol/water (Log Pow)	2.9 (at 25 °C)

12.4 Mobility in soil: No data available.

12.5 Other adverse effects:

Other information: Avoid release to the environment.

Section 13: Disposal Conditions

13.1 Waste treatment methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations.
Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations.
Additional information: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials: Avoid release to the environment.

Section 14: Transport Information

In accordance with DOT:
UN Number: Not applicable
UN Proper Shipping Name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: No supplementary information

Section 15: Regulatory Information

15.1 U.S. Federal Regulations:

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:		
Orange Oil	CAS-No. 8028-48-6	1.49 – 2.98%

15.2 International Regulations

CANADA

Orange Oil (8028-48-6)
Listed on the Canadian DSL (Domestic Substances List)

Benzyl benzoate (120-51-4)
Listed on the Canadian DSL (Domestic Substances List)

Ethyl maltol (4940-11-8)
Listed on the Canadian DSL (Domestic Substances List)

Litsea cubeba oil (68855-99-2)
Listed on the Canadian DSL (Domestic Substances List)

Lime oil distilled (8008-26-2)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Orange Oil (8028-48-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Benzyl benzoate (120-51-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Ethyl maltol (4940-11-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Orange Oil (8028-48-6)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Benzyl benzoate (120-51-4)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Ethyl maltol (4940-11-8)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Litsea cubeba oil (68855-99-2)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Lime oil distilled (8008-26-2)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

Component	State or local regulations
Refined Soybean oil(8001-22-7)	U.S. - Pennsylvania - RTK (Right to Know) List

Section 16: Other Information

Full text of H-phrases:
H226 Flammable liquid and vapor
H227 Combustible liquid
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
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

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
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