

Safety Data Sheet
Autumn Fig Harvest (V000267)

October 20, 2022

Section 1: Chemical Product and Company Identification

Product name: Autumn Fig Harvest Fragrance Oil
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

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
Acute toxicity (oral) Category 4	H302	Harmful if swallowed
Skin sensitization, Category 1	H317	May cause an allergic skin reaction

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US) :	Warning
Hazard statements (GHS US) :	H227 - Combustible liquid H302 - Harmful if swallowed H317 - May cause an allergic skin reaction
Precautionary statements (GHS US) :	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P264 - Wash hands 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.



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HANDCRAFT PROVISIONS

P280 - Wear cold insulating gloves, face protection, face shield, eye protection, protective clothing, protective gloves.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

Section 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product Identifier	%	GHS US Classification
Benzyl benzoate	CAS-No.: 120-51-4	18.9 – 37.8	Acute Tox. 4 (Oral), H302
acetyl cedrene	CAS-No.: 32388-55-9	2.5 – 5	Skin Sens. 1B, H317 Aquatic Chronic 1, H410
Oxyphelyon (Raspberry ketone) crystals	CAS-No.: 5471-51-2	2.5 – 5	Acute Tox. 4 (Oral), H302
Tetrahydrolinalool	CAS-No.: 78-69-3	1.875 – 3.75	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Veltol plus crystals	CAS-No.: 4940-11-8	1 – 2	Acute Tox. 4 (Oral), H302
Terpineol	CAS-No.: 8000-41-7	1 – 2	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Triplal (Vertocitral)	CAS-No.: 68039-49-6	1 – 2	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Cinnamon leaf oil	CAS-No.: 8015-91-6	0.5 – 1	Flam. Liq. 4, H227 Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315 STOT SE 3, H335

Section 4: First Aid Measures

Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Skin Contact:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if you feel unwell. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
Eye Contact:	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 advice/attention if you feel unwell.
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.
Indication of immediate medical attention and special treatment needed:	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information:	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: Fire-Fighting Measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

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

5.2. Specific hazards arising from the chemical

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. Special protective equipment and precautions for fire-fighters

Firefighting instructions :	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment
Protection during firefighting :	Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

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 spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

Large Spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: 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.

Environmental Precautions

Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

Precautions for safe handling

Additional hazards when processed :

Handle empty containers with care because residual vapors are flammable. 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.

Hygiene measures :

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash hands after handling the product.

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 heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Keep in fireproof place. Store in a well-ventilated place. Keep cool.
Incompatible products :	Strong bases. Strong acids
Incompatible materials :	Sources of ignition. Direct sunlight. Heat sources

Section 8: Exposure Controls/Personal Protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station

Environmental exposure controls : Avoid release to the environment.

Section 9: Physical and Chemical Properties

Physical State:	Liquid
Form:	Liquid
Color:	Light yellow amber
Odor:	Characteristic
Odor Threshold:	Not available
pH:	Not available
Melting/Freezing Point:	Not available
Boiling Point:	Not available
Flash Point:	172°F (77.8 °C) (closed cup) ASTM D7094
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:	Not available.
Vapor density	Not available.
Relative density	: 1.07
Solubility (water)	Not available.
Partition coefficient	Not available.
(n-octanol/water)	
Auto-ignition temperature:	Not available

Decomposition temperature: Not available.

Viscosity Not available.

Other information

Explosive properties Not available.

Flammability class Not available.

Oxidizing properties Not available.

Section 10: Stability and Reactivity

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

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: No hazardous decomposition products are known.

Section 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Autumn Fig Harvest (I000267)	
ATE US (oral)	1193.311 mg/kg body weight
Veltol plus crystals (4940-11-8)	
LD50 oral rat	1150 mg/kg
ATE US (oral)	1150 mg/kg body weight
Terpineol (8000-41-7)	
LD50 oral rat	2900 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
ATE US (oral)	2900 mg/kg body weight
Oxyphelylon (Raspberry ketone) crystals (5471-51-2)	
LD50 oral rat	1320 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	1320 mg/kg body weight
Benzyl benzoate (120-51-4)	
LD50 oral rat	500 mg/kg
LD50 dermal rabbit	4000 mg/kg
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight
acetyl cedrene (32388-55-9)	
LD50 dermal rabbit	> 5000 mg/kg
Tetrahydrolinalool (78-69-3)	
LD50 oral rat	> 5 g/kg



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LD50 dermal rabbit	
Cinnamon leaf oil (8015-91-6)	
LD50 oral rat	2650 mg/kg
LD50 dermal rabbit	702 mg/kg
ATE US (oral)	2650 mg/kg body weight
ATE US (dermal)	702 mg/kg body weight

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
STOT-single exposure :	Not classified

Cinnamon leaf oil (8015-91-6)	
STOT-single exposure	May cause respiratory irritation

STOT-repeated exposure :	Not classified
Aspiration hazard :	Not classified
Viscosity, kinematic :	No data available
Potential Adverse human health effects and symptoms:	Based on available data, the classification criteria are not met. Harmful if swallowed.
Symptoms/effects after inhalation :	May cause an allergic skin reaction.
Symptoms/effects after skin contact :	Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after ingestion :	Swallowing a small quantity of this material will result in serious health hazard

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.

12.2 Persistence and degradability

Autumn Fig Harvest (I000267)	
Persistence and degradability	Not established
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.

12.3 Bioaccumulative Potential

Autumn Fig Harvest (I000267)	
Bioaccumulative Potential	Not established
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	4
Bioaccumulative Potential	Not established

12.4 Mobility in soil

No additional information available

12.5 Other adverse effects

Other information:

Avoid release into the environment

Section 13: Disposal Conditions

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

In accordance with Department of Transport

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT
No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

Section 15: Regulatory Information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

Canadian Regulations

Veltol plus crystals (4940-11-8)
Listed on the Canadian DSL (Domestic Substances List)
Triplal (Vertocitral) (68039-49-6)
Listed on the Canadian DSL (Domestic Substances List)
Terpineol (8000-41-7)
Listed on the Canadian DSL (Domestic Substances List)
Oxyphylon (Raspberry ketone) crystals (5471-51-2)
Listed on the Canadian DSL (Domestic Substances List)
Benzyl benzoate (120-51-4)
Listed on the Canadian DSL (Domestic Substances List)
acetyl cedrene (32388-55-9)
Listed on the Canadian DSL (Domestic Substances List)
Tetrahydrolinalool (78-69-3)
Listed on the Canadian DSL (Domestic Substances List)
Cinnamon leaf oil (8015-91-6)
Listed on the Canadian DSL (Domestic Substances List)

EU Regulations

Veltol plus crystals (4940-11-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Triplal (Vertocitral) (68039-49-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Terpineol (8000-41-7)
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acetyl cedrene (32388-55-9)
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Tetrahydrolinalool (78-69-3)



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Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National Regulations

Vetol plus crystals (4940-11-8)

Listed on the AICS (Australian Inventory of Chemical Substances)
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 (National Chemicals Inventory)

Triplal (Vertocitral) (68039-49-6)

Listed on the AICS (Australian Inventory of Chemical Substances)
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)
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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 (National Chemicals Inventory)

Terpineol (8000-41-7)

Listed on the AICS (Australian Inventory of Chemical Substances)
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)
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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 (National Chemicals Inventory)

Oxypheylon (Raspberry ketone) crystals (5471-51-2)

Listed on the AICS (Australian Inventory of Chemical Substances)
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)
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Benzyl benzoate (120-51-4)



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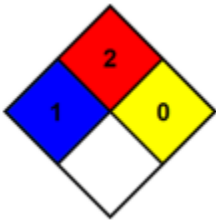
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on IECSC (Inventory 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 (National Chemicals Inventory)	
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Tetrahydroinalool (78-69-3)	
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Cinnamon leaf oil (8015-91-6)	
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Component	State or local regulations
Diethyl malonate(105-53-3)	U.S. - New Jersey - Right to Know Hazardous Substance List
Benzyl acetate(140-11-4)	U.S. - New Jersey - Right to Know Hazardous Substance List

Section 16: Other Information

Full text of H-phrases

H227	Combustible liquid
H302	Harmful if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.
 NFPA fire hazard : 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
 NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



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