



Safety Data Sheet

Bramble Berry's Made to Measure Type Fragrance Oil (V000281)

September 1, 2021

Section 1: Chemical Product and Company Identification

Product name:	Bramble Berry's Made to Measure 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

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 Regulation (EC) No 1272/2008

Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
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)

Flammability	Class IIIB Combustible Liquid Acute
Dermal/Eye irritation.	12 : Causes moderate skin 16 : Causes eye irritation. 19 : May cause photo-induced skin irritation.
Acute Oral	2 : Harmful if swallowed
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver. 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin

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**



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Labelling (REGULATION (EC) No 1272/2008)

Hazard statements

H303 May be harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H333 May be harmful if inhaled
H400 Very Toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements Prevention:

P264 Wash hands thoroughly after handling
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment **Response:**
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
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. Continue rinsing
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
P337 + P313 If eye irritation persists: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
P363 Wash contaminated clothing before reuse
P391 Collect Spillage

2.3 Other Hazards

No data available

Section 3: Composition/Information on Ingredients

.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):

CAS#	EC#	Conc.	GHS Classification	OSHA Classification
Ingredient		Range		
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	30 - 40 %	H302; H313; H400; H411	28, 3
24851-98-7 <i>Methylidihydrojasmonate</i>	246-495-9	2 - 5 %	H316; H402	
18479-58-8 <i>2,6-dimethyloct-7-en-2-ol</i>	242-362-4	2 - 5 %	H227; H303; H316; H319; H402	11, 15



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32388-55-9 <i>Acetyl cedrene</i>	251-020-3	2 - 5 %	H316; H317; H400; H410	16, 19
115-95-7 <i>Linalyl acetate</i>	204-116-4	1 - 2 %	H227; H315; H319; H401; H402	
78-70-6 <i>Linalool</i>	201-134-4	1 - 2 %	H227; H303; H315; H319; H402	12, 26
28219-61-6 <i>Ethyl trimethylcyclopentene butenol</i>	248-908-8	1 - 2 %	H319; H400; H410	11, 15, 31
54464-57-2 <i>Tetramethyl Acetyloctahydronaphthalenes'</i>	259-174-3	1 - 2 %	H315; H317; H400; H410	11, 31
8008-57-9 <i>Citrus aurantium dulcis (Orange) oil</i>	232-433-8	1 - 2 %	H226; H304; H315; H400; H410	12, 3, 31
19870-74-7 <i>Cedrol methyl ether</i>	243-384-7	1 - 2 %	H316	15
1222-05-5 <i>Hexamethylindanopyran</i>	214-946-9	1 - 2 %	H316; H400; H410	11, 15
88-41-5 <i>2-t-Butylcyclohexyl acetate</i>	201-828-7	1 - 2 %	H227; H303; H316; H401; H411	12, 2
139504-68-0 <i>1-(2-Butyl cyclohexyloxy)-2-butanol</i>	412-300-2	1 - 2 %	H320; H401; H411	

See Section 16 for full text of GHS classification codes
Total Hydrocarbon Content (% w/w) = 1.68

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.

6.4 Reference to other sections Not Applicable

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 plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses No information available

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
140-11-4 <i>Benzyl acetate</i>	10			
628-63-7 <i>Amyl Acetate</i>	50	100	100	

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

Appearance: Conforms to Standard

Odor: Conforms to Standard

Color: Golden Yellow (G3)

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint: >200 F (93.33 C)

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C): 0.0257

%VOC: 1.959

Specific Gravity @ 25 C: 0.9840

Density @ 25 C: 0.9810

Refractive Index @ 20 C: 1.4910

Soluble in: Oil

Section 10: Stability and Reactivity

10.1 Reactivity None

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions None known

10.4 Conditions to avoid None known

10.5 Incompatible materials Strong oxidizing agents, strong acids, and alkalis

10.6 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: 2,808.72) May be harmful if swallowed

Acute toxicity - Dermal - (Rabbit) mg/kg (LD50: 5,244.35) Not classified - the classification criteria are not met

Acute toxicity - Inhalation - (Rat) mg/L/4hr (LC50: 84.50) May be harmful if inhaled

Skin corrosion / irritation Causes skin irritation

Serious eye damage / irritation Causes serious eye irritation



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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 Not classified - the classification criteria are not met

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

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

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI	Not Regulated - Not Dangerous Goods			
ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IATA (Air Cargo) Environmentally Hazardous Substance, 9 Liquid, n.o.s.	9	III		UN3082
IMDG (Sea) Environmentally Hazardous Substance, 9 Liquid, n.o.s.	9	III		UN3082

Section 15: Regulatory Information

U.S. Federal Regulations:



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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 NO components of concern. **U.S.**

State Regulations:

California Proposition 65 Warning No Warning required **Canadian**

Regulations:

DSL / NDSL 99.97% of the components are listed or exempt.

198404-98-7 427-900-1 0.01 - 0.1% Cyclopropanemethanol,

1-methyl-2-[(1,2,2-trimethylbicyclo[3.1.0]hex-3-yl)methyl]

Section 16: Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk (TFV) Risk

(1.04) Skin Corrosion/Irritation, Category 2 (2.50) Sensitization, Skin, Category 1B

(1.21) Eye Damage/Eye Irritation, Category 2A (1.67) Aquatic Acute Toxicity, Category 1 (4.90)

Aquatic Chronic Toxicity, Category 2

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