



BRAMBLE BERRY

HANDCRAFT PROVISIONS

Safety Data Sheet

Frankincense & Myrrh Fragrance Oil

December 22nd, 2022

Section 1: Chemical Product and Company Identification

Product name: Frankincense & Myrrh 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

Flammable Liquids, Category 4	H227 : Combustible liquid
Acute Toxicity Oral, Category 5	H303 : May be harmful if swallowed
Acute Toxicity Dermal, Category 5	H313 : May be harmful in contact with skin
Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
Carcinogenicity, Category 2	H351 : Suspected of causing cancer
Aquatic Acute Toxicity, Category 2	H401 : Toxic to aquatic life
Aquatic Chronic Toxicity, Category 3	H412 : Harmful to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammable Liquids, Category 4	H227 : Combustible liquid
Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction

Carcinogenicity, Category 2

H351 : Suspected of causing cancer

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 (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Warning

Hazard statements

H227	Combustible liquid
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
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H333	May be harmful if inhaled
H351	Suspected of causing cancer
H401	Toxic to aquatic life
H412	Harmful 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
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:

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
 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
 P363 Wash contaminated clothing before reuse
 P370 + P378 In case of fire: Use Carbon dioxide (CO₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material

2.3 Other Hazards

no data available

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):

CAS# <i>Ingredient</i>	EC#	Conc. Range	GHS Classification
8050-15-5 Methyl ester of rosin (partially hydrogenated)	232-476-2	20-30%	H402; H412
120-51-4 Benzyl Benzoate	204-402-2	5-10%	H302; H313; H400; H411
140-11-4 Benzyl acetate	205-399-7	5-10%	H303; H401; H412
60-12-8	200-456-2	2-5%	H302; H313; H316; H319



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phenethyl alcohol			
78-70-6 Linalool	201-134-4	2-5%	H227; H303; H315; H317; H319; H402
121-33-5 vanillin	204-465-2	2-5%	H303; H313; H319; H402
5989-27-5 Limonene	227-813-5	1-2%	H226; H304; H315; H317; H400; H412
115-95-7 Linalyl Acetate	204-116-4	1-2%	H227; H315; H317; H320; H402
Musk ketone	201-328-9	1-2%	H351; H400; H410
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) = 2.48

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	ACGIH	OSHA	OSHA
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		TWA ppm	STEL ppm	TWA ppm	STEL ppm
140-11-4	Benzyl acetate	10			
80-56-8	pinene	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

Appearance: Liquid

Odor: Conforms to Standard

Color: Conforms to Standard

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint (CCCFP): >200°F (93.33°C)

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20°C): 0.0287

%VOC: 8.00

Specific Gravity @ 25°C: Not determined

Density @ 25°C: Not determined

Refractive Index @ 20°C: Not determined

Soluble in: Oil

Section 10: Stability and Reactivity

Reactivity	None
Chemical stability	Stable
Possibility of hazardous reactions	None known
Conditions to avoid	None known



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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: 4044.3361) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 4936.1641) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 51.2028) May be harmful if inhaled
Skin corrosion / irritation:	Not classified - the classification criteria are not met
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:	Suspected of causing cancer
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: Toxic to aquatic life

Chronic aquatic toxicity: Harmful 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

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) Chemicals NOI	Not Regulated – Not Dangerous Goods			
IATA (Air Cargo) Chemicals NOI	Not Regulated – Not Dangerous Goods			
IMDG (Sea) Chemicals NOI	Not Regulated – Not Dangerous Goods			

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 NO components of concern.

U.S. State Regulations:

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

123-35-3(NFS) 204-622-5 0.01-1.0% beta-Myrcene (Natural Source)

Canadian Regulations:

DSL / NDSL: 100% of the components are listed or exempt.

Section 16: Other Information



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GHS H-Statements referred to under section 3

H226 : Flammable liquid and vapour	H302 : Harmful if swallowed
H304 : May be fatal if swallowed and enters airways	H315 : Causes skin irritation
H316 : Causes mild skin irritation	H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation	H320 : Causes eye irritation
H400 : Very Toxic to aquatic life	402 : Harmful to aquatic life
H410 : Very toxic to aquatic life with long lasting effects	H411 : Toxic to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk

(98.72) Acute Toxicity Inhalation, Category 5
(9.63) Aquatic Chronic Toxicity, Category 3
(2.01) Sensitization, Skin, Category 1B
(1.23) Acute Toxicity Oral, Category 5
(1.01) Acute Toxicity Dermal, Category 5

(TFV) Risk

(11.00) Carcinogenicity, Category 2
(4.52) Aquatic Acute Toxicity, Category 2
(1.48) Aquatic Chronic Toxicity, Category 4
(1.10) Carcinogenicity, Category 2

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