BRAMBLE BERRY
HANDCRAFT PROVISIONS

Safety Data Sheet
Lilac Fragrance Oil

September 18th, 2023

Section 1: Chemical Product and Company Identification

Product name: Lilac 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

Acute Toxicity Oral, Category 5	H303 : May be harmful if swallowed
Acute Toxicity Dermal, Category 5	H313 : May be harmful in contact with skin
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 1	H318 : Causes serious eye damage
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
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)

Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction

Eye Damage/Eye Irritation, Category 1 H318 : Causes serious eye damage

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

Hazard pictograms

Signal Word: Danger

Hazard statements

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H333	May be harmful if inhaled
H401	Toxic to aquatic life
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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
P310	Immediately call a POISON CENTER or doctor/physician
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
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse

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# *Ingredient*	EC#	Conc. Range	GHS Classification
8000-41-7 Terpineol	232-268-1	20-30%	H227; H303; H315; H319; H402
60-12-8 Phenethyl alcohol	200-456-2	10-20%	H302; H313; H316; H319
98-55-5 Terpineol	202-680-6	10-20%	H227; H303; H315; H319; H401
120-57-0 Heliotropine	204-409-7	5-10%	H303; H317; H401
140-11-4 Benzyl acetate	205-399-7	5-10%	H303; H401; H412
101-86-0 Hexyl cinnamal	202-983-3	5-10%	H303; H316; H317; H400; H411
120-51-4 Benzyl Benzoate	204-402-9	5-10%	H302; H313; H400; H411
107-75-5 Hydroxycitronellal	203-518-7	2-5%	H317; H319; H402
122-97-4 3-Phenyl-1-propanol	204-587-6	1-2%	H303; H313; H314; H318; H402
103-45-7 Phenethyl acetate	203-113-5	1-2%	H303; H318; H402
78-70-6 Linalool	201-134-4	1-2%	H227; H303; H315; H317; H319; H402
105-85-3 Ethylene brassylate	203-347-8	1-2%	H401
97-54-1 Iso Eugenol	202-590-7	0.1-1.0%	H302; H312; H315; H317; H319; H332; H335; H401
122-78-1 Phenylacetaldehyde	204-574-5	0.1-1.0%	H227; H302; H313; H314; H317; H318; H401; H412
115-95-7 Linalyl Acetate	204-116-4	0.1-1.0%	H227; H315; H317; H320; H402
2705-87-5 Allyl cyclohexylpropionate	220-292-5	0.1-1.0%	H302; H312; H317; H400; H411
8737-61-1 Dimethyltetrahydro Benzaldehyde	272-113-5	0.1-1.0%	H227; H303; H313; H315; H317; H401; H411

See Section 16 for full text of GHS classification codes
Total Hydrocarbon Content (% w/w) = 0.07

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 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
140-11-4	*Benzyl acetate*	10			

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): 207°F (97.22°C)

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected
Vapor Pressure (mmHg@20°C): 0.0176
%VOC: 6.80
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
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: 3177.2151) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 2305.7471) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 37.8603) May be harmful if inhaled
Skin corrosion / irritation:	Causes skin irritation
Serious eye damage / irritation:	Causes serious eye damage
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: 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

Marine Pollutant: No

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.

California Proposition 65 Warning: No warning required.

Canadian Regulations:

DSL / NDSL: 100.00% of the components are listed or exempt. The following components are not on the list:

211299-54-6	427-580-1	<= 5 ppm	4H-4a,9-Methanoazuleno[5,6-d]-1,3-dioxole,octahydro-2,2,5,8,89a-hexamethyl-,(4aR,5R,7aS,9R)-

Section 16: Other Information

GHS H-Statements referred to under section 3

H227 : Combustible liquid
H302 : Harmful if swallowed
H312 : Harmful in contact with skin
H314 : Causes severe skin burns and eye damage
H316 : Causes mild skin irritation
H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation
H320 : Causes eye irritation
H332 : Harmful if inhaled
H335 : May cause respiratory irritation
H400 : Very Toxic to aquatic life
H402 : Harmful to aquatic life
H411 : Toxic to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk	**(TFV) Risk**
(132.06) Acute Toxicity Inhalation, Category 5	(131.64) Acute Toxicity Inhalation, Category 5
(9.70) Eye Damage/Eye Irritation, Category 2	(9.66) Eye Damage/Eye Irritation, Category 2A
(8.11) Skin Corrosion/Irritation, Category 3	(8.00) Sensitization, Skin, Category 1B
(5.88) Skin Corrosion/Irritation, Category 2	(5.32) Aquatic Acute Toxicity, Category 2
(2.17) Acute Toxicity Dermal, Category 5	(1.57) Acute Toxicity Oral, Category 5
(1.50) Sensitization, Skin, Category 1	(1.19) Eye Damage/Eye Irritation, Category 1
(4.78) Aquatic Chronic Toxicity, Category 3	(4.00) Sensitization, Skin, Category 1A