

Safety Data Sheet
Woodland Elves Fragrance Oil (V000329)

July 22, 2019

Section 1: Chemical Product and Company Identification

Product name:	Woodland Elves 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 and (EC) No 1272/2008 (CLP)

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
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
Aquatic Chronic Toxicity, Category 2	H411 : Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammable Liquids, Category 4	H227 : Combustible liquid
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction

Carcinogenicity	This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None <input checked="" type="checkbox"/> ACGIH <input type="checkbox"/> IARC <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/>
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2.2 Label elements

Labelling (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
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H333 May be harmful if inhaled
- H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

- P235 Keep cool
- 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
- 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
- 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
- P391 Collect Spillage

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
125-12-2 <i>Isobornyl acetate</i>	204-727-6	50 - 60 %	H227; H316; H401
78-70-6 <i>Linalool</i>	201-134-4	5 - 10 %	H227; H303; H315; H317; H319; H402
115-95-7 <i>Linalyl Acetate</i>	204-116-4	5 - 10 %	H227; H315; H317; H320; H402

CAS# Ingredient	EC#	Conc. Range	GHS Classification
5989-27-5 <i>Limonene</i>	227-813-5	2 - 5 %	H226; H304; H315; H317; H400; H410
32210-23-4 <i>4-tert-Butylcyclohexyl acetate</i>	250-954-9	2 - 5 %	H303; H317; H401
77-83-8 <i>Ethyl Methylphenylglycidate</i>	201-061-8	2 - 5 %	H317; H401; H411
142-19-8 <i>Allyl heptanoate</i>	205-527-1	2 - 5 %	H227; H301; H311; H400; H412
118-58-1 <i>Benzyl Salicylate</i>	204-262-9	2 - 5 %	H303; H317; H320; H401; H412
88-41-5 <i>2-t-Butylcyclohexyl acetate</i>	201-828-7	2 - 5 %	H227; H303; H316; H401; H411
470-82-6 <i>Eucalyptol</i>	207-431-5	1 - 2 %	H226; H303; H316; H317
101-86-0 <i>Hexyl cinnamaldehyde</i>	202-983-3	1 - 2 %	H303; H316; H317; H400; H411
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	1 - 2 %	H302; H313; H400; H411
97-53-0 <i>Eugenol</i>	202-589-1	1 - 2 %	H303; H316; H317; H319; H401
140-11-4 <i>Benzyl acetate</i>	205-399-7	1 - 2 %	H303; H401; H412
5392-40-5 <i>Citral</i>	226-394-6	0.1 - 1.0 %	H313; H315; H317; H319; H401
13466-78-9 <i>delta-3-Carene</i>	236-719-3	0.1 - 1.0 %	H226; H303; H304; H315; H317; H400; H410
104-55-2 <i>Cinnamal</i>	203-213-9	0.1 - 1.0 %	H303; H312; H315; H317; H319; H401

See Section 16 for full text of GHS classification codes

See Section 16 for full text of GHS classification codes which were not shown in section 2

Total Hydrocarbon Content (% w/w) = 6.92

See Section 16 for full text of GHS classification codes
Total Hydrocarbon Content (% w/w) = 6.92

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	Benzyl acetate	10			
13466-78-9	delta-3-Carene	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: Yellow Tint to Pale Yellow (G0-2)

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint (CCCFP): 166 F (74.44 C)

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C): 0.1479

%VOC: 13.97

Specific Gravity @ 25 C: 0.9620

Density @ 25 C: 0.9590

Refractive Index @ 20 C: 1.4680

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: 3445.9615)	May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg (LD50: 4055.5555) contact with skin	May be harmful in
Acute toxicity - Inhalation - (Rat) mg/L/4hr (LD50: 47.5894) inhaled	May be harmful if
Skin corrosion / irritation	Causes skin irritation
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	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: Not classified - the classification criteria are not met

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.

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)	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, Liquid, n.o.s.	9	III		UN3082
IMDG (Sea) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082

Section 15: Regulatory Information

U.S. Federal Regulations:

123-35-3(NFS) 204-622-5 0.01 - 0.1% beta-Myrcene (Natural Source) 93-15-2 (NFS) 202-223-0 <= 14 ppm Methyl Eugenol (Natural Source)

U.S. State Regulations:

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

123-35-3(NF 204-622-5 0.01 - 0.1% beta-Myrcene (Natural Source)

Canadian Regulations:

DSL / NDSL: 100% of the components are listed or exempt. The following components are NOT on the List:

149713-23-5 <= 0 ppm 2H-Pyran, tetrahydro-4-methyl-2-phenyl-,(2R,4S)-rel

Section 16: Other Information

GHS H-Statements referred to under section 3

H226 : Flammable liquid and vapour
H302 : Harmful if swallowed
H311 : Toxic in contact with skin
H316 : Causes mild skin irritation
H319 : Causes serious eye irritation
H400 : Very Toxic to aquatic life
H402 : Harmful to aquatic life
H301 : Toxic if swallowed
H304 : May be fatal if swallowed and enters airways
H312 : Harmful in contact with skin
H317 : May cause an allergic skin reaction
H320 : Causes eye irritation
H401 : Toxic to aquatic life
H410 : Very toxic to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk

(80.54) Acute Toxicity Inhalation, Category 5
(8.23) Skin Corrosion/Irritation, Category 3
(5.00) Sensitization, Skin, Category 1B
(2.00) Sensitization, Skin, Category 1A
(1.45) Acute Toxicity Oral, Category 5
(29.81) Aquatic Chronic Toxicity, Category 3
(6.06) Sensitization, Skin, Category 1
(2.96) Aquatic Chronic Toxicity, Category 2
(1.85) Skin Corrosion/Irritation, Category 2
(1.23) Acute Toxicity Dermal, Category 5

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