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# Safety Data Sheet

## Pacific Trail Fragrance Oil (V001132)

May 7, 2019

### Section 1: Chemical Product and Company Identification

Product name: Pacific Trail 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)

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 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	12 : Causes skin irritation. 15 : May cause eye irritation.
Acute Oral	3 : May be harmful if swallowed or if aspirated into the lungs
Reproductive/Developmental	39 : Causes reproductive/developmental toxicity in animals.
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, adrenal glands, liver, male reproductive system. 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin, testes

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

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: **Danger**

Hazard statements

H302	Harmful if swallowed
H313	May be harmful in contact with skin
H316	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

### 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):

<b>CAS#</b> <i>Ingredient</i>	<b>EC#</b>	<b>Conc. Range</b>	<b>GHS Classification</b>	<b>OSHA Classification</b>
120-51-4 Benzyl Benzoate	204-402-9	50 - 60 %	H302; H313; H400; H411	28, 3
24851-98-7 Methyldihydrojasmonate	246-495-9	10 - 20 %	H402	
78-70-6 Linalool	201-134-4	5 - 10 %	H227; H303; H315; H317; H319; H402	12, 26
101-86-0 Hexyl cinnamaldehyde	202-983-3	2 - 5 %	H303; H316; H317; H400; H411	11, 15
68990-83-0 Juniperus Mexicana	294-461-7	2 - 5 %	H304; H316; H400; H410	3
4707-47-5 Methyl atrarate	225-193-0	2 - 5 %	H317; H401	
28219-61-6 Ethyl trimethylcyclopentene butenol	248-908-8	2 - 5 %	H319; H401; H411	11, 15, 31
1205-17-0 a-Methyl-1,3-benzodioxole-5-propionaldehyde	214-881-6	2 - 5 %	H303; H317; H361; H401; H411	
66068-84-6 Isocamphenyl cyclohexanol (mixed isomers)	266-100-3	2 - 5 %	H315; H401; H411	11, 15
120-57-0 Piperonal	240-409-7	1 - 2 %	H303; H317; H401	31
1222-05-5 Hexamethylindanopyran	214-946-9	1 - 2 %	H316; H400; H410	11, 15
54464-57-2 Tetramethyl Acetyloctahydronaphthalenes	259-174-3	1 - 2 %	H315; H317; H400; H410	11, 31
121-32-4 Ethyl vanillin	204-464-7	1 - 2 %	H303; H320; H402	
8014-09-3 Pogostemon cablin oil	282-493-4	1 - 2 %	H304; H316; H401; H411	
80-54-6 Butylphenyl Methylpropional	201-289-8	1 - 2 %	HH27; H302; H315; H317; H361; H401; H412	11, 15, 26, 28, 3, 31, 39
32210-23-4	250-954-9	0.1 - 1.0 %	H303; H317; H401	11, 15

4-tert-Butylcyclohexyl acetate				
115-95-7 Linalyl Acetate	204-116-4	0.1 - 1.0 %	H227; H315; H317; H320; H402	
87-44-5 beta-Caryophyllene	201-746-1	0.1 - 1.0 %	H304; H317; H413	31, 4
127-51-5 a-Isomethyl ionone	204-846-3	0.1 - 1.0 %	H316; H317; H320; H401; H411	11, 15, 19, 26, 28, 31

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 1.00

## 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 (CO<sub>2</sub>), 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 firefighting:** 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:** Contains no substances with occupational exposure limit values

**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):** 0.0087

**%VOC:** 0.4862

**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

**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: 2,141.33) May be harmful if swallowed

**Acute toxicity - Dermal - (Rabbit) mg/kg** (LD50: 4,375.00) May be harmful in contact with skin

**Acute toxicity - Inhalation - (Rat) mg/L/4hr** (LC50: 47.62) May be harmful if inhaled

**Skin corrosion / irritation:** Causes skin irritation

**Serious eye damage / irritation:** Causes serious eye irritation

**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.

**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.
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b> Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
<b>IATA (Air Cargo)</b> Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
<b>IMDG (Sea)</b> Environmentally Hazardous Substance,	9	III		UN3082



Liquid, n.o.s.				
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## 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 <= 20 ppm beta-Myrcene (NFS)

### Canadian Regulations:

**DSL / NDSL:** 99.98% of the components are listed or exempt. The following components are NOT on the List:

67801-20-1 267-140-4 0.01 - 0.1% 3-Methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)pent-4-en-2-ol

## Section 16: Other Information

### GHS H-Statements referred to under section 3

H227 : Combustible liquid H302 : Harmful if swallowed

H304 : May be fatal if swallowed and enters airways H316 : Causes mild skin irritation

H317 : May cause an allergic skin reaction H320 : Causes eye irritation

H361 : Suspected of damaging fertility or the unborn child H401 : Toxic to aquatic life

H402 : Harmful to aquatic life H410 : Very toxic to aquatic life with long lasting effects

H412 : Harmful to aquatic life with long lasting effects H413 : May cause long lasting harmful effects to aquatic life

### Total Fractional Values

#### (TFV) Risk

(1.26) Skin Corrosion/Irritation, Category 2

(1.29) Aquatic Acute Toxicity, Category 2

#### (TFV) Risk

(74.01) Sensitization, Skin, Category 1B

(2.52) Aquatic Chronic Toxicity, Category 1

This safety data sheet is based on the properties of the material known to Bramble Berry Inc. at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Bramble Berry Inc. holds no responsibility. This document is not intended for quality assurance purposes.