

## Safety Data Sheet Vanilla Oak Fragrance Oil

March 23rd, 2023

### Section 1: Chemical Product and Company Identification

<b>Product name:</b>	Vanilla Oak Fragrance Oil
<b>Contact Info:</b>	Bramble Berry Inc. 2138 Humboldt Street Bellingham, WA 98225 info@brambleberry.com www.brambleberry.com 1-877-627-7883
<b>Emergency Phone Number:</b>	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 3	H316 : Causes mild skin irritation
Sensitization, Skin, Category 1A	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2B	H320 : Causes 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)**

Sensitization, Skin, Category 1A

H317 : May cause an allergic skin reaction

Eye Damage/Eye Irritation, Category 2B

H320 : Causes eye irritation

**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 (GHS)**

**Hazard pictograms**



**Signal Word: Warning**

**Hazard statements**

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H320	Causes 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
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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  
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):

CAS# <i>Ingredient</i>	EC#	Conc. Range	GHS Classification
101-86-0 Hexyl cinnamal	202-983-3	5-10%	H303; H316; H317; H400; H411
121-32-4 Ethyl Vanillin	204-464-7	2-5%	H303; H320; H402
18479-58-8 2,6-dimethyloct-7-en-2-ol	242-362-4	2-5%	H227; H303; H315; H319; H402
120-57-0 Heliotrope	204-409-7	2-5%	H303; H317; H401
1222-05-5 Hexamethylindanopyran	214-946-9	2-5%	H316; H400; H410



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18871-14-2 4-Acetoxy-3-pentyltetrahydropyran	242-640-5	1-2%	H402
121-33-5 Vanillin	204-465-2	1-2%	H303; H313; H319; H402
107-75-5 Hydroxycitronellal	203-518-7	1-2%	H317; H319; H402
91-64-5 Coumarin	202-086-7	1-2%	H301; H317; H402
28219-61-6 Ethyl trimethylcyclopentene butenol	248-908-8	1-2%	H315; H319; H401; H411
123-11-5 Anisaldehyde	204-602-6	1-2%	H303; H402; H412
115-95-7 Linalyl Acetate	204-602-6	0.1-1.0%	H227; H315; H317; H320; H402
78-70-6 Linalool	201-134-4	0.1-1.0%	H227; H303; H315; H317; H319; H402
19870-74-7 Cedrol methyl ether	243-384-7	0.1-1.0%	H317; H400; H410
5989-27-5 Limonene	227-813-5	0.1-1.0%	H226; H304; H315; H317; H400; H412
97-53-0 Eugenol	202-589-1	0.1-1.0%	H303; H316; H317; H319; H401
5392-40-5 Citral	226-394-6	0.1-1.0%	H313; H315; H317; H319; H401
67634-15-5 Ethyl 2,2-dimethylhydrocinnamal	226-819-2	0.1-1.0%	H315; H317; H400; H411

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.72

### 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.



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#### **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 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:** Contains no substances with occupational 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:** Colorless - Yellow Tint (G0-G1)

**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):** 0.0133

**%VOC:** 0.76

**Specific Gravity @ 25°C:** 1.0110

**Density @ 25°C:** 1.0080

**Refractive Index @ 20°C:** 1.5040

**Soluble in:** Oil

## Section 10: Stability and Reactivity

<b>Reactivity</b>	None
<b>Chemical stability</b>	Stable
<b>Possibility of hazardous reactions</b>	None known
<b>Conditions to avoid</b>	None known
<b>Incompatible materials</b>	Strong oxidizing agents, strong acids, and alkalis
<b>Hazardous decomposition products</b>	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"

<b>Acute toxicity - Oral - (Rat) mg/kg</b>	(LD50: 2816.1408) May be harmful if swallowed
<b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>	(LD50: 4544.1636) May be harmful in contact with skin
<b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>	(LD50: 93.9387) May be harmful if inhaled
<b>Skin corrosion / irritation:</b>	Causes mild skin irritation
<b>Serious eye damage / irritation:</b>	Causes eye irritation
<b>Respiratory sensitization:</b>	Not classified - the classification criteria are not met
<b>Skin sensitization:</b>	May cause an allergic skin reaction
<b>Germ cell mutagenicity:</b>	Not classified - the classification criteria are not met
<b>Carcinogenicity:</b>	Not classified - the classification criteria are not met
<b>Reproductive toxicity:</b>	Not classified - the classification criteria are not met
<b>Specific target organ toxicity - single exposure:</b>	Not classified - the classification criteria are not met
<b>Specific target organ toxicity - repeated exposure:</b>	Not classified - the classification criteria are not met
<b>Aspiration hazard:</b>	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

**Marine Pollutant:** Yes. Ingredient of greatest environmental impact:  
 120-51-4 : (10-20%) : Benzyl Benzoate

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, Liquid, n.o.s.	9	III		UN3082

## 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 the following components:

1222-05-5      214-946-9      2-5%      Hexamethylindanopyran

### U.S. State Regulations:

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

123-35-3(NF)    204-622-5    <=85 ppm    beta-Myrcene (Natural Source)  
 94-59-7        202-345-4    <=4 ppm      Safrole (Natural Source)





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93-15-2      202-223-0      <=2 ppm      Methyl Eugenol (Natural Source)

### Canadian Regulations:

DSL / NDSL:      100.00% of the components are listed or exempt.

## Section 16: Other Information

### GHS H-Statements referred to under section 3 and not listed in Section 2

H226 : Flammable liquid and vapour	H227 : Combustible liquid
H301 : Toxic if swallowed	H302 : Harmful if swallowed
H304 : May be fatal if swallowed and enters airways	H315 : Causes skin irritation
H317 : May cause an allergic skin reaction	H319 : Causes serious eye irritation
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

### Total Fractional Values

#### (TFV) Risk

(53.23) Acute Toxicity Inhalation, Category 5  
(14.00) Sensitization, Skin, Category 1B  
(1.93) Eye Damage/Eye Irritation, Category 2B  
(1.72) Aquatic Chronic Toxicity, Category 4  
(1.13) Sensitization, Skin, Category 1  
(1.10) Acute Toxicity Dermal, Category 5

#### (TFV) Risk

(21.01) Aquatic Chronic Toxicity, Category 3  
(2.04) Aquatic Chronic Toxicity, Category 2  
(1.78) Acute Toxicity Oral, Category 5  
(1.61) Skin Corrosion/Irritation, Category 3  
(1.13) Sensitization, Skin, Category 1A  
(1.06) Aquatic Acute Toxicity, Category 1

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