

**Safety Data Sheet**  
**Mahogany Fragrance Oil (V000264)**

September 1, 2021

**Section 1: Chemical Product and Company Identification**

<b>Product name:</b>	Mahogany 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**

Classification according to GHS and (EC) No 1272/2008 (CLP)	
Acute Toxicity Oral, Category 4	H302: 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	11 : May cause skin irritation. 15 : May cause eye irritation.
Acute Oral	3 : May be harmful if swallowed .
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin

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)

Signal Word: Warning

Hazard statements

H302 Harmful if swallowed

H313 May be harmful in contact with skin

H315 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

P270 Do not eat, drink or smoke when using this product

P272 Contaminated work clothing should not be allowed out of the workplace

P273 Avoid release to the environment

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth

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

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



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CAS#	EC#	Conc.	GHS	OSHA
Ingredient		Range	Classification	Classification
120-51-4	204-402-9	60 - 70 %	H302; H313; H400; H411	28, 3
Benzyl Benzoate				
18479-58-8	242-362-4	5 - 10 %	H227; H303; H315; H319; H402	11, 15
2,6-dimethyloct-7-en-2-ol				
54464-57-2	259-174-3	2 - 5 %	H315; H317; H400; H410	11, 31
Tetramethyl Acetyloctahydronaphthalenes				
81786-73-4	279-822-9	2 - 5 %	H227; H317; H401; H411	
Pentamethylheptenone				
86115-11-9	289-194-8	2 - 5 %	H227; H317; H401; H411	
Pentamethylhepten-2-one				
28219-61-6	248-908-8	2 - 5 %	H319; H400; H410	11, 15, 31
Ethyl trimethylcyclopentene butenol				
122-40-7	204-541-5	0.1 - 1.0 %	H303; H316; H317; H401; H4	11 11, 15
Amyl Cinnamal				
106-22-9	203-375-0	0.1 - 1.0 %	H303; H313; H315; H317; H319; H401	11, 15
Citronellol				
91-64-5	202-086-7	0.1 - 1.0 %	H302; H317; H402	12, 15, 2, 26, 31, 9
Coumarin				
103-95-7	203-161-7	0.1 - 1.0 %	H227; H303; H315; H317; H401; H412	11, 15, 31
2-Methyl-3-(p-isopropylphenyl)propionaldehyde				
78-70-6	201-134-4	0.1 - 1.0 %	H227; H303; H315; H317; H319; H402	12, 26
Linalool				
8014-17-3(P)	277-143-2	0.1 - 1.0 %	H227; H315; H317; H318; H401; H411	12, 3, 31
Citrus Aurantium Amara (Bitter Orange) Leaf/Twig Oil				
8022-15-9	294-470-6	0.1 - 1.0 %	H227; H304; H317; H319; H401; H411	
Lavandula hybrida grosso herb oil				
86803-90-9	429-860-9	0.1 - 1.0 %	H303; H317; H401; H411	11, 15, 31
Methoxy dicyclopentadiene carboxaldehyde				
24720-09-0	246-430-4	0.1 - 1.0 %	H302; H313; H316; H317	12, 15, 26, 3, 31
trans-alpha-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (trans-alpha-Damascone)				
58567-11-6	261-332-1	0.1 - 1.0 %	H315; H317; H401; H4	11 12
Formaldehyde cyclododecyl ethyl acetal				
18127-01-0	242-016-2	0.1 - 1.0 %	H227; H303; H315; H317; H361; H373; H401; H412	11, 15, 2, 31,
39 p-tert-Butyldihydrocinnamaldehyde				

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.57

## **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 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: 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: Conforms to Standard



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Odor: Conforms to Standard  
Color: Golden Yellow (G2-5)  
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): 0.0333  
%VOC: 2.22  
Specific Gravity @ 25 C: 1.0300  
Density @ 25 C: 1.0270  
Refractive Index @ 20 C: 1.5270  
Soluble in: Not determined

## **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: 1,879.47) Harmful if swallowed

Acute toxicity - Dermal - (Rabbit) mg/kg (LD50: 3,758.71) May be harmful in contact with skin

Acute toxicity - Inhalation - (Rat) mg/L/4hr (LC50: 97.15) 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**

<u>Regulator</u>	<u>Class</u>	<u>Pack Group</u>	<u>Sub Risk</u>	<u>UN-nr.</u>
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b>				



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Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
<b>IATA (Air Cargo)</b>				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III	UN3082
<b>IMDG (Sea)</b>				
Environmentally Hazardous Liquid, n.o.s.	Substance,	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 NO components of concern. U.S. State Regulations:

California Proposition 65 Warning	This product contains the following components:
93-15-2      202-223-0 <= 1 ppm	Methyl Eugenol (NFS)
89-82-7      201-943-2 <= 32 ppm	Pulegone (NFS)
123-35-3(NF)      204-622-5 0.01 - 0.1%	beta-Myrcene (NFS)

#### Canadian Regulations:

DSL / NDSL	99.87% of the components are listed or exempt.
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
125109-85-5      412-050-4 0.01 - 0.1%	Isopropylphenylbutanal

### Section 16: Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk (TFV) Risk

(1.80) Skin Corrosion/Irritation, Category 2 (4.80) Sensitization, Skin, Category 1B

(2.43) Eye Damage/Eye Irritation, Category 2A (2.90) Aquatic Acute Toxicity, Category 1

(6.20) Aquatic Chronic Toxicity, Category 2

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for





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