



Safety Data Sheet

Forest Oud and Balsam

May 3, 2022

Section 1: Chemical Product and Company Identification

Product name: Forest Oud & Balsam
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
Skin Corrosion/Irritation, Category 2	H315 : Causes skin irritation
Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
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)

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

Classification Other

Carcinogenicity Carcinogenicity This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None ACGIH IARC NTP OSHA

2.2 Label elements

Labelling (GHS)

Hazard pictograms



Signal Word: Warning

Hazard statements

- H303 May be harmful if swallowed
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H33 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 |
| 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 |
| 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):



BRAMBLE BERRY

HANDCRAFT PROVISIONS

CAS# <i>Ingredient</i>	EC#	Conc. Range	GHS Classification
120-51-4 Benzyl Benzoate	204-402-9	10 - 20 %	H302; H313; H400; H411
54464-57-2 Tetramethyl Acetyloctahydronaphthalenes	259-174-3	10 – 20%	H315; H317; H400; H410
24851-98-7 Methyldihydrojasmonate	246-495-9	2 – 5%	H402
111879-80-2 Oxacyclohexadec-12-en-2-one, (12E)-	422-320-3	1 – 5%	H400; H411
32388-55-9 Acetyl cedrene	251-020-3	2 – 5%	H303; H317; H400; H410
139504-68-0 1-(2-Butyl cyclohexyloxy)-2-butanol	412-300-2	1 – 2%	H320; H401; H411
58567-11-6 Formaldehyde cyclododecyl ethyl acetal	261-332-1	1 – 2%	H315; H317; H401; H411
33704-61-9 6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (Cashmeran)	227-813-5	1 – 2%	H303; H315; H317; H319; H401; H411
5989-27-5 Limonene	227-813-5	0.1 - 1.0 %	H226; H304; H315; H317; H400; H412
115-95-7 Linalyl Acetate	204-116-4	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
80-56-8 Pinene	201-291-9	0.1 – 1.0%	H226; H302; H304; H315; H317; H400; H410
91-64-5 Coumarin	202-086-7	0.1 – 1.0%	H302; H317; H402
127-51-5 a-Isomethyl ionone	204-846-3	0.1 – 1.0%	H316; H317; H320; H401; H411
106-24-1 Geraniol	203-377-1	0.1 – 1.0%	H303; H315; H317; H318; H402
97-53-0 Eugenol	202-589-1	0.1 – 1.0%	H303; H316; H317; H319; H401
15764-04-2 alpha-Vetivone	239-855-1	0.1 – 1.0%	H317
18444-79-6 Spiro[4.5]dec-6-en-8-one, 6,10-dimethyl-2-(1-methylethylidene)-, (5r-Cis)-		0.1 – 1.0%	H317
5462-06-6 4-Methoxy-alpha-methylbenzenepropanal	226-749-5	0.1 - 1.0 %	H303; H317; H401

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 1.65

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.

7.3 Specific end uses

No information available

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STIEL ppm
80-56-8 pinene	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: 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): 0.0186
%VOC: 1.33
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: 3608.3863) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	Not classified - the classification criteria are not met
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 163.4205) May be harmful if inhaled
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	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.
U.S. DOT (Non-Bulk) Chemicals NOI	Not Regulated - Not Dangerous Goods			
ADR/RID (International Road/Rail) Chemicals NOI	9	III		UN3082
IATA (Air Cargo) Chemicals NOI	9	III		UN3082
IMDG (Sea) Chemicals NOI	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: 123-35-3(NFS) 204-622-5 0.1 - 1.0 % beta-Myrcene (Natural Source) 93-15-2 (NFS) 202-223-0 <= 2 ppm Methyl Eugenol (Natural Source)

Canadian Regulations:

DSL / NDSL: 97.00% of the components are listed or exempt. The following components are NOT on the List:

111879-80-2 422-320-3 2 - 5 % Oxacyclohexadec-12-en-2-one, (12E)-

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



BRAMBLE BERRY

HANDCRAFT PROVISIONS

H302 : Harmful if swallowed
H313 : May be harmful in contact with skin
H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation
H401 : Toxic to aquatic life
H410 : Very toxic to aquatic life with long lasting effects

H304 : May be fatal if swallowed and enters airways
H316 : Causes mild skin irritation
H318 : Causes serious eye damage
H320 : Causes eye irritation
H402 : Harmful to aquatic life
H412 : Harmful to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk
(83.03) Aquatic Chronic Toxicity, Category 3
Sensitization, Skin, Category 1B
(1.79) Skin Corrosion/Irritation, Category 3
(1.67) Aquatic Chronic Toxicity, Category 4
(1.39) Acute Toxicity Oral, Category 5

(TFV) Risk
(30.60) Acute Toxicity Inhalation, Category 5 (12.00)
(8.30) Aquatic Chronic Toxicity, Category 2
(1.74) Skin Corrosion/Irritation, Category 2
(1.48) Aquatic Acute Toxicity, Category 1

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 their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.