



Safety Data Sheet

Natural Mineral Springs Fragrance Oil (V001444)

February 9, 2022

Section 1: Chemical Product and Company Identification

Product name: Natural Mineral Springs 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
Aspiration Hazard, Category 1	H304 : May be fatal if swallowed and enters airways
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 2	H401 : Toxic to aquatic life
Aquatic Chronic Toxicity, Category 3	H412 : Harmful to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammable Liquids, Category 4	H227 : Combustible liquid
Aspiration Hazard, Category 1	H304 : May be fatal if swallowed and enters airways
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

Classification Other

Carcinogenicity

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 (GHS)

Hazard pictograms



Signal Word: Warning

Hazard statements

- H227 Combustible liquid
- H304 May be fatal if swallowed and enters airways
- 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
- H401 Toxic to aquatic life
- H412 Harmful 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:

- P301 + P310 + P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
- 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
 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

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# Ingredient	EC#	Conc. Range	GHS Classification
Limonene 5989-27-5 Limonene	227-813-5	10 - 20 %	H226; H304; H315; H317; H400; H412
100-51-6 Benzyl Alcohol	202-859-9	2 - 5 %	H302; H313; H319
140-11-4 Benzyl acetate	205-399-7	1 - 2 %	H303; H401; H412
104-61-0 gamma-Nonalactone	203-219-1	1 - 2 %	H316
115-95-7 Linalyl Acetate	204-116-4	0.1 - 1.0 %	H227; H315; H317; H320; H402
106-24-1 Geraniol	203-377-1	0.1 - 1.0 %	H303; H315; H317; H318; H402
106-22-9 Citronellol	203-375-0	0.1 - 1.0 %	H303; H313; H315; H317; H319; H401
78-70-6 Linalool	201-134-4	0.1 - 1.0 %	H227; H303; H315; H317; H319; H402
470-82-6 Eucalyptol	207-431-5	0.1 - 1.0 %	H226; H303; H317; H320; H402
106-72-9 Dimethyl Heptenal	203-427-2	0.1 - 1.0 %	H227; H317; H401
80-56-8 pinene	201-291-9	0.1 - 1.0 %	H226; H302; H304; H315; H317; H400; H410
127-91-3 beta Pinene	204-872-5	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410

See Section 16 for full text of GHS classification codes
 Total Hydrocarbon Content (% w/w) = 12.31

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	ACGIH	OSHA	OSHA
		TWAppm	STEL ppm	TWA ppm	STIEL ppm
140-11-4	Benzyl acetate		10		
80-56-8	pinene		20		
127-91-3	beta Pinene		20		

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

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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): 0.5340
%VOC: 16.60
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"

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Acute toxicity - Oral - (Rat) mg/kg _____ Not classified - the classification criteria are not met
Acute toxicity - Dermal - (Rabbit) mg/kg _____ (LD50: 4043.2418) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr _____ (LD50: 23.1040) 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 _____ May be fatal if swallowed and enters airways



Section 12: Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Toxic to aquatic life
Chronic aquatic toxicity	Harmful 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	Not Regulated - Not Dangerous Goods			
IATA (Air Cargo) Chemicals NOI	Not Regulated - Not Dangerous Goods			
IMDG (Sea) Chemicals NOI	Not Regulated - Not Dangerous Goods			

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) 89-82-7 (NFS) 201-943-2 <= 20 ppm Pulegone (Natural Source) **Canadian Regulations:**



DSL / NDSL: 100% 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

H303 : May be harmful if swallowed

H317 : May cause an allergic skin reaction

H320 : Causes eye irritation

H402 : Harmful to aquatic life

H302 : Harmful if swallowed

H316 : Causes mild skin irritation

H318 : Causes serious eye damage

H400 : Very Toxic to aquatic life

H410 : Very toxic to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk

(216.41) Acute Toxicity Inhalation, Category 5

(4.83) Aquatic Acute Toxicity, Category 2

(1.81) Skin Corrosion/Irritation, Category 3

(1.51) Skin Corrosion/Irritation, Category 2

(1.23) Aspiration Hazard, Category 1

(TFV) Risk

(11.07) Sensitization, Skin, Category 1B

(2.90) Aquatic Chronic Toxicity, Category 3

(1.56) Eye Damage/Eye Irritation, Category 2A

(1.24) Acute Toxicity Dermal, Category 5

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