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# Safety Data Sheet

## Coastal Rain Fragrance Oil

July 13, 2022

### Section 1: Chemical Product and Company Identification

**Product name:** Coastal Rain 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 1A	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 1	H318 : Causes serious eye damage
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 1A	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 1	H318 : Causes serious eye damage
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 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

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Warning

Hazard statements

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
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
P310	Immediately call a POISON CENTER or doctor/physician
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):

CAS# <i>Ingredient</i>	EC#	Conc. Range	GHS Classification
24851-98-7 Methyldihydrojasmonate	246-495-9	10 – 20%	H402
54464-57-2 Tetramethyl Acetyloctahydronaphthalenes	259-174-3	10 – 20%	H315; H317; H400; H410
105-75-5 Hydroxycitronellal	203-402-9	5-10%	H317; H319; H402
120-51-4 Benzyl Benzoate	204-402-9	5-10%	H302; H313; H400; H411
1222-05-5 Hexamethylindanopyran	214-946-9	2 – 5%	H316; H400; H410
106-24-1 Geraniol	203-377-1	2-5%	H303; H315; H317; H318; H402
95962-14-4 2-(p-Menth-1-ene-10-yl)cyclopentanone	404-240-0	2-5%	H319; H400; H412
78-70-6 Linalool	201-134-4	1-2%	H227; H303; H315; H317; H319; H402
106-25-2 Nerol	203-378-7	1-2%	H303; H315; H317; H319; H401
115-95-7 Linalyl Acetate	204-116-4	1-2%	H227; H315; H317; H320; H402
5462-06-6 4-Methoxy-alpha-methylbenzenepropanal	226-749-5	1-2%	H303; H317; H401
5989-27-5 Limonene	227-813-5	0.1-1.0%	H226; H304; H315; H317; H400; H412
4180-23-8 Anethole	224-052-0	0.1-1.0%	H303; H316; H317; H401
79-78-7 Allyl a-ionone	201-225-9	0.1-1.0%	H317; H401; H411
5392-40-5 Citral	226-394-6	0.1-1.0%	H313; H315; H317; H319; H401
70788-30-6 Trimethyl-propylcyclohexanepropanol	274-892-7	0.1-1.0%	H317
67634-15-5 Ethyl 2,2-dimethylhydrocinnamal	266-819-2	0.1-1.0%	H315; H317; H400; H411
68737-61-1	272-113-5	0.1-1.0%	H227; H303; H313; H315; H317; H401;



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Dimethyltetrahydro Benzaldehyde			H411
80-56-8 Pinene	201-291-9	0.1-1.0%	H226; H302; H304; H315; H317; H400; H410
67633-96-9 cis-3-Hexenyl methyl carbonate	266-797-4	0.1-1.0%	H227; H317; H401
16409-43-1 IsoButenyl Methyltetrahydropyran	240-457-5	0.1-1.0%	H227; H303; H315; H319; H361; H402

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 1.05

### 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 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 values.**

Component	ACGIH	ACGIH	OSHA	OSHA
	TWA ppm	STEL ppm	TWA ppm	STEL 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):** 0.0187  
**%VOC:** 2.04  
**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

<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: 3626.7481) May be harmful if swallowed
<b>Acute toxicity - Dermal - (Rabbit) mg/kg</b>	(LD50: 3729.7894) May be harmful in contact with skin
<b>Acute toxicity - Inhalation - (Rat) mg/L/4hr</b>	(LD50: 37.6008) May be harmful if inhaled
<b>Skin corrosion / irritation</b>	Causes skin irritation
<b>Serious eye damage / irritation</b>	Causes serious eye damage
<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

<b>Acute aquatic toxicity:</b>	Very Toxic to aquatic life
<b>Chronic aquatic toxicity:</b>	Toxic to aquatic life with long lasting effects.
<b>Toxicity Data on soil:</b>	No data available.
<b>Toxicity on other organisms:</b>	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 No 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> 9 Chemicals NOI		III		UN3082
<b>IATA (Air Cargo)</b> Chemicals NOI	9	III		UN3082
<b>IMDG (Sea)</b> Chemicals NOI	9	III		UN3082

## Section 15: Regulatory Information

### Additional European Regulations

**European Union (EINECS, ELINCS or NLP)** 100.00% (By Wt) of the components are listed or exempt.

### Additional Asian Regulations



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<b>Australian AICS</b>	100.00% (By Wt) of the ingredients on AICS or notified.
<b>Chinese IECS</b>	100.00% (By Wt) of the ingredients on IECS.
<b>Japan ENCS</b>	98.23% (By Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.
<b>Korea KECL</b>	98.23% (By Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.
<b>New Zealand NZloc</b>	100.00% (By Wt) of the ingredients on NZloc.
<b>Philippines PICCS</b>	99.90% (By Wt) of the ingredients on PICCS.

**The Status of the following ingredient(s) is NOT known for the registration lists noted;**

**Asian Disclosure Lists noted within <> brackets after name**

5462-06-6	226-749-5	1 - 2 %	4-Methoxy-alpha-methylbenzenepropanal: <ENCS>
28940-11-6	249-320-4	0.1 - 1.0 %	Methyl benzodioxepinone: <ENCS>
67634-15-5	266-819-2	0.1 - 1.0 %	Ethyl 2,2-dimethylhydrocinnamal: <ENCS>
67633-96-9	266-797-4	0.1 - 1.0 %	cis-3-Hexenyl methyl carbonate: <ENCS>
94201-73-7	303-662-1	0.1 - 1.0 %	Tetrahydro-4-methyl-2-phenyl-2H-pyran: <KECL,
PICCS>			
34686-71-0	252-148-2	0.01 - 0.1%	2-H-pyran-2-one, tetrahydro-6-(2-pentenyl)-,(Z)-:
<KECL>			

## Section 16: Other Information

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

H226 : Flammable liquid and vapour  
H302 : Harmful if swallowed  
H316 : Causes mild skin irritation  
H319 : Causes serious eye irritation  
H361 : Suspected of damaging fertility or the unborn child  
H402 : Harmful to aquatic life

H227 : Combustible liquid  
H304 : May be fatal if swallowed and enters airways  
H317 : May cause an allergic skin reaction  
H320 : Causes eye irritation  
H401 : Toxic 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

(132.98) Acute Toxicity Inhalation, Category 5  
(23.00) Sensitization, Skin, Category 1B  
(6.14) Eye Damage/Eye Irritation, Category 2  
(5.74) Skin Corrosion/Irritation, Category 3  
(4.84) Sensitization, Skin, Category 1A  
(2.07) Aquatic Chronic Toxicity, Category 4  
(1.46) Eye Damage/Eye Irritation, Category 1  
(1.34) Acute Toxicity Dermal, Category 5

#### (TFV) Risk

(85.22) Aquatic Chronic Toxicity, Category 3  
(8.51) Aquatic Chronic Toxicity, Category 2  
(5.97) Eye Damage/Eye Irritation, Category 2A  
(4.84) Sensitization, Skin, Category 1  
(2.89) Skin Corrosion/Irritation, Category 2  
(1.98) Aquatic Acute Toxicity, Category 1  
(1.38) Acute Toxicity Oral, Category 5





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