



Safety Data Sheet

Gingerbread Cookie Fragrance Oil

August 29, 2019

Section 1: Chemical Product and Company Identification

Product name: Gingerbread Cookie 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 3	H226: Flammable liquid and vapour
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 3	H316: Causes mild 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
Target Organ Systemic Toxicity - Repeated, Category 2	H373: May cause damage to organs through prolonged or repeated exposure
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	Class II Flammable Liquid
Acute Dermal/Eye	12 : Causes moderate skin irritation. 16 : Causes eye irritation. 9 : Harmful if absorbed through the skin.

Acute Inhalation	21 : Harmful if inhaled. 23 : May cause respiratory tract irritation..
Acute Oral	2 : Harmful if swallowed
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver. 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)

Hazard pictograms



Signal Word: Warning

Hazard statements

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H313	May be harmful in contact with skin
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P233	Keep container tightly closed
P235	Keep cool
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust/fume/gas/mist/vapors/spray
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
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing Rinse skin with water/shower
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
P314	Get Medical advice/attention 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
P352	Wash with soap and water
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO ₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
P391	Collect Spillage

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	OSHA Classification
120-51-4 Benzyl Benzoate	204-402-9	60-70%	H302; H313; H400; H411	28, 3
101-39-3 alpha-Methylcinnamaldehyde	202-938-8	10-20%	H303; H317; H401	31
121-32-4 Ethyl vanillin	204-464-7	5-10%	H303; H320; H402	
91-64-5 Coumarin	202-086-7	2-5%	H302; H317; H402	12, 15, 2, 26, 31, 9
5989-27-5 Limonene	227-813-5	2-5%	H226; H304; H315; H317; H400; H410	11, 15, 23
78-70-6 Linalool	201-134-4	1-2%	H227; H303; H315; H317; H319; H402	12, 26



BRAMBLE BERRY

HANDCRAFT PROVISIONS

4940-11-8 Ethyl Maltol	225-582-5	1-2%	H302; H401	2
1885-38-7 Cinnamyl nitrile	217-552-5	1-2%	H301; H312; H316; H317	3, 31
600-14-6 2,3-Pentanedione	209-984-8	1-2%	H225; H303; H313; H316; H317; H318; H373; H402	12, 16, 21
7452-79-1 Ethyl 2-methylbutyrate	231-225-4	1-2%	H226	
8030-89-5 Rum ether	232-449-5	1-2%	H225; H316; H319; H336	
103-26-4 Methyl cinnamate	203-093-8	1-2%	H303; H317	
122-40-7 Amyl Cinnamal	204-541-5	.1 - 1.0 %	H303; H316; H317; H401; H411	11, 15
470-82-6 Eucalyptol	207-431-5	.1 - 1.0 %	H226; H303; H316; H317	26, 27, 3
104-54-1 Cinnamyl Alcohol	203-212-3	.1 - 1.0 %	H303; H317	11, 15, 31

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 3.51

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 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:

Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm

600-14-6 *2,3-Pentanedione*

0

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): 130 F (54.44 C)

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C): 2.3911

%VOC: 8.8667

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: 1,532.21): Harmful if swallowed

Acute toxicity - Dermal - (Rabbit) mg/kg (LD50: 2,326.03): May be harmful in contact with skin

Acute toxicity - Inhalation - (Rat) mg/L/4hr (LC50: 81.98): May be harmful if inhaled

Skin corrosion / irritation: Causes mild 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: May cause damage to organs through prolonged or repeated exposure

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) Perfumery Products	3	III	Flammable Liquid	UN1266
ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IATA (Air Cargo) Perfumery Products	3	III	Flammable Liquid	UN1266
Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IMDG (Sea) Perfumery Products	3	III	Flammable Liquid	UN1266
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 NO components of concern.

U.S. State Regulations:

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

123-35-3(NF 204-622-5 0.01 - 0.1% beta-Myrcene (Natural Source)

Canadian Regulations:

DSL / NDSL: 99.98% of the components are listed or exempt. The following components are NOT on the List:

94201-19-1 303-602-4 0.01 - 0.1% 1-Oxaspiro[4.5]decan-2-one, 8-methyl-, cis-

Section 16: Other Information

GHS H-Statements referred to under section 3

H225 : Highly flammable liquid and vapor	H227 : Combustible liquid
H301 : Toxic if swallowed	H303 : May be harmful if swallowed
H304 : May be fatal if swallowed and enters airways	
H312 : Harmful in contact with skin	H315 : Causes skin irritation
H317 : May cause an allergic skin reaction	H318 : Causes serious eye damage
H320 : Causes eye irritation	H336 : May cause drowsiness or dizziness
H401 : Toxic to aquatic life	H402 : Harmful to aquatic life
H410 : Very toxic to aquatic life with long lasting effects	
H410 : Very toxic to aquatic life with long lasting effects	

Total Fractional Values

(TFV) Risk

(1.43) Skin Corrosion/Irritation, Category 3

(TFV) Risk

(110.00) Sensitization, Skin, Category 1B



BRAMBLE BERRY

HANDCRAFT PROVISIONS

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

(1.02) Target Organ Systemic Toxicity –
Repeated, Category 2

(2.55) Aquatic Acute Toxicity, Category 1

(3.81) 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 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.