



Safety Data Sheet

Spiced Red Tea Fragrance Oil (V000178)

June 15, 2017

Section 1: Chemical Product and Company Identification

Product name: Spiced Red Tea 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	H227: Combustible liquid
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
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Germ Cell Mutagenicity, Category 2	H341: Suspected of causing genetic defects
Carcinogenicity, Category 1B	H350: May cause cancer
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	12: Causes skin irritation. 16: Causes eye irritation.
Acute Oral	3: May be harmful if swallowed or if aspirated into the lungs.
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: Danger

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
- H333 May be harmful if inhaled
- H341 Suspected of causing genetic defects
- H350 May cause cancer
- H400 Very toxic to aquatic life
- H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P264 Wash hands thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P273 Avoid release to the environment
- P281 Use personal protective equipment as required

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
- P308 + P313 If exposed or concerned: Get medical advice/attention
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P313 Get medical advice/attention

P333 + P313
advice/attention

If skin irritation or a rash occurs: Get medical

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	OSHA Classification
120-51-4 Benzyl Benzoate	204-402-9	20 - 30 %	H302; H313; H400; H411	28, 3
54464-57-2 Tetramethyl Acetyloctahydronaphthalenes	259-174-3	5 - 10 %	H315; H317; H400; H410	11, 31
78-70-6 Linalool	201-134-4	2 - 5 %	H227; H303; H315; H317; H319; H402	12, 26
8008-57-9 Citrus aurantium dulcis (Orange) oil	232-433-8	1 - 2 %	H226; H304; H315; H400; H410	12, 3, 31
1222-05-5 Hexamethylindanopyran	214-946-9	1 - 2 %	H316; H400; H410	11, 15
8015-91-6 Oil Cinnamon Leaf Ceylon	283-479-0	1 - 2 %	H227; H303; H313; H316; H319; H341; H350; H401; H412	11, 15, 31
8008-45-5 Myristica fragrans (Nutmeg) kernel oil	282-013-3	1 - 2 %	H226; H304; H315; H317; H341; H350; H400; H410	11, 15
24851-98-7 Methyldihydrojasmonate	246-495-9	1 - 2 %	H402	-
91-64-5 Coumarin	202-086-7	0.1 - 1.0 %	H302; H317; H402	12, 15, 2, 26, 31, 9
470-82-6 Eucalyptol	207-431-5	0.1 - 1.0 %	H226; H303; H316; H317	26, 27, 3
104-55-2 Cinnamal	203-213-9	0.1 - 1.0 %	H303; H312; H315; H317; H319; H401	10, 12, 16, 26, 31, 36
33704-61-9 6,7-Dihydro-1,1,2,3,3-pentamethyl- 4(5H)-indanone (Cashmeran)	251-649-3	0.1 - 1.0 %	H303; H315; H317; H319; H401; H411	11, 15, 26



68647-72-3 Limonene	232-433- 8	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410	12, 3, 31
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See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 10.69

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 firefighting: 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
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): 0.0581
%VOC: 4.6538
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

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: 2,877.81) Not classified - the classification criteria are not met

Acute toxicity - Dermal - (Rabbit) mg/kg: (LD50: 4,706.20) May be harmful in contact with skin

Acute toxicity - Inhalation - (Rat) mg/L/4hr: (LC50: 124.95) 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: Suspected of causing genetic defects



Carcinogenicity: May cause cancer

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) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082



IATA (Air Cargo) Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN3082
IMDG (Sea) 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:

94-59-7 (NFS)	202-345-4	0.01 - 0.1%	Safrole (NFS)
93-15-2 (NFS)	202-223-0	<= 71 ppm	Methyl Eugenol (NFS)
123-35-3(NFS)	204-622-5	0.1 - 1.0 %	beta-Myrcene (NFS)

Canadian Regulations:

DSL / NDSL: 100.00% of the components are listed or exempt.

Section 16: Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk

(TFV) Risk

(1.47) Skin Corrosion/Irritation, Category 2

(5.00) Sensitization, Skin, Category 1A

(1.33) Germ Cell Mutagenicity, Category 2

(13.30) Carcinogenicity, Category 1B

(1.60) Aquatic Acute Toxicity, Category 1

(8.23) Aquatic Chronic Toxicity, Category 2

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