BRAMBLE BERRY
HANDCRAFT PROVISIONS

Safety Data Sheet

Dark Rich Chocolate Fragrance Oil

July 19, 2022

Section 1: Chemical Product and Company Identification

Product name: Dark Rich Chocolate 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
Acute Toxicity Oral, Category 5	H303 : May be harmful if swallowed
Acute Toxicity Dermal, Category 5	H313 : May be harmful in contact with skin
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)

Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2	H319 : Causes serious eye irritation
Aquatic Chronic Toxicity, Category 3	H412 : Harmful to aquatic life with long lasting effects

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

Signal Word: Warning

Hazard statements

H227	Combustible liquid
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H317	May cause an allergic skin reaction
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:

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
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
P337 + P313	If eye irritation persists: Get medical advice/attention
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
8050-15-5 Methyl ester of rosin (partially hydrogenated)	232-476-2	20-30%	H402; H412
120-51-4 Benzyl Benzoate	204-402-9	10-20%	H302; H313; H400; H411
121-33-5 Vanillin	204-465-2	5-10%	H303; H313; H319; H402
121-32-4 Ethyl Vanillin	204-464-7	5-10%	H303; H320; H402
20665-85-4 Vanillin isobutyrate	243-956-6	1-2%	H401
4940-11-8 Ethyl Maltol	225-582-5	1-2%	H302; H401
118-58-1 Benzyl Salicylate	204-262-9	1-2%	H303; H317; H320; H401; H412
91-64-5 Coumarin	202-086-7	1-2%	H302; H317; H402
104-21-2 p-Anisyl acetate	203-185-8	0.1-1.0%	H317; H402
104-21-2 Isopentanal	209-691-5	0.1-1.0%	H225; H313; H316; H317; H319; H335; H401; H411
93-51-6 2-Methoxy-4-methylphenol	202-252-9	0.1-1.0%	H302; H315; H317; H319
21834-92-4 5-Methyl-2-phenyl-2-hexenal	244-602-3	0.1-1.0%	H317

See Section 16 for full text of GHS classification codes
Total Hydrocarbon Content (% w/w) = 0.00

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

Exposure Limits: Contains no substances with occupational exposure values.

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

None.
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): 1.3705
%VOC: 2.46
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: 3246.7077) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 4212.2413) May be harmful in contact with skin
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 49.7010) May be harmful if inhaled
Skin corrosion / irritation	Not classified – the classification criteria are not met
Serious eye damage / irritation	Causes serious eye irritation
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	Not classified – the classification criteria are not met
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:	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

Marine Pollutant Yes. Ingredient of greatest environmental impact :
120-51-4 : (30 - 40 %) : Benzyl Benzoate

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				
ADR/RID (International Road/Rail)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				
IATA (Air Cargo)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				
IMDG (Sea)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				

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

Australian AICS	100.00% (By Wt) of the ingredients on AICS or notified.
Chinese IECS	100.00% (By Wt) of the ingredients on IECS.
Japan ENCS	99.60% (By Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.
Korea KECL	97.04% (By Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.
New Zealand NZIoc	100.00% (By Wt) of the ingredients on NZIoc.
Philippines PICCS	100.00% (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

20665-85-4	243-956-6	1 - 2 %	Vanillin isobutyrate: <KECL>
104-21-2	203-185-8	0.1 - 1.0 %	p-Anisyl acetate: <KECL>
8030-89-5	232-449-5	0.1 - 1.0 %	Rum ether: <ENCS>
93-51-6	202-252-9	0.1 - 1.0 %	2-Methoxy-4-methylphenol (Creosol): <KECL>
21834-92-4	244-602-3	0.1 - 1.0 %	5-Methyl-2-phenyl-2-hexenal: <ENCS, KECL>
2847-30-5	220-651-6	0.01 - 0.1%	2-Methoxy-3-methylpyrazine: <KECL>
14667-55-1	238-712-0	<= 72 ppm	2,3,5-Trimethylpyrazine: <KECL>

Section 16: Other Information

GHS H-Statements referred to under section 3

H225 : Highly flammable liquid and vapor
H315 : Causes skin irritation
H319 : Causes serious eye irritation
H335 : May cause respiratory irritation
H402 : Harmful to aquatic life
H302 : Harmful if swallowed
H316 : Causes mild skin irritation
H320 : Causes eye irritation
H400 : Very Toxic to aquatic life
H411 : Toxic to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk
(100.60) Acute Toxicity Inhalation, Category 5
(4.64) Aquatic Acute Toxicity, Category 2
(1.54) Acute Toxicity Oral, Category 5
(1.30) Sensitization, Skin, Category 1B
(1.11) Eye Damage/Eye Irritation, Category 2A

(TFV) Risk
(5.48) Aquatic Chronic Toxicity, Category 3
(2.02) Eye Damage/Eye Irritation, Category 2
(1.31) Aquatic Chronic Toxicity, Category 4
(1.19) Acute Toxicity Dermal, Category 5