

Safety Data Sheet Lemon Drop Flavor Oil

May 22, 2019

Section 1: Chemical Product and Company Identification

Product name: Lemon Drop Flavor 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

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation – Category 2
Skin sensitization – Category 1
Aspiration toxicity – Category 1
Physical hazards – flammable liquids – Category 3

Label Elements

Signal Word: Danger

Hazard statements

Causes skin irritation
May cause an allergic skin reaction
May be fatal if swallowed and enters airways
Flammable liquid and vapor





Appearance: Clear liquid

Physical State @20°C: Liquid

Odor: Characteristic

Precautionary Statements

Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Keep away from heat/sparks/open flames/hot surfaces – no smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear protective gloves/eye protection/face protection

Specific treatment (see supplemental first aid instructions on this label)
IF ON SKIN: Immediately take off contaminated clothing and wash it before reuse
Rinse skin with water/shower
If skin irritation or rash occurs: Get medical advice/attention
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.
In case of fire: Use CO2, dry chemical, or foam to extinguish

Precautionary Statements-Storage

Store locked up
Store in a well-ventilated place. Keep cool.

Precautionary Statements-Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other information

May be harmful if swallowed
May be harmful in contact with skin
Toxic to aquatic life with long lasting effects
Harmful to aquatic life

Unknown acute toxicity

1.1 % of this mixture consists of ingredient(s) of unknown toxicity.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS#	Weight %	Trade Secret
Lemon Oil	8008-56-8	20-30	*
Bergamot Oil	8007-75-8	1-10	*

B.H.T.	128-37-0	<1	*
Lime Oil Expressed	8008-26-2	<1	*

*The exact percentage (concentration) or composition has been withheld as a trade secret.

Section 4: First Aid Measures

Inhalation:

Remove to fresh air.

Skin Contact:

Wash skin with soap and water.

Eye Contact:

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion:

Clean mouth with water and drink plenty of water afterwards.

Notes to physicians:

Treat symptomatically

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media:

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical:

No information available.

Explosion data

Sensitivity to mechanical impact: None

Sensitivity to static discharge: None

Special protective equipment for fire-fighters:

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental Release Measures

Personal precautions:

Ensure adequate ventilation.

Environmental precautions:

See Section 12 for additional Ecological information.

Methods for containment:

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:

Pick up and transfer to properly labeled containers.

Prevention of secondary hazards:

Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7: Handling and Storage

Advice on safe handling:

Handle in accordance with good industrial hygiene and safety practice.

Storage conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Exposure limits:

The following ingredients are the only ingredients of the product that are above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
B.H.T 128-37-0	TWA: 2 mg/m ³ inhalable fraction and vapor	(vacated) TWA: 10 mg/m ³	TWA: 10 mg/m ³

Engineering controls:

Showers
Eyewash stations
Ventilation systems

Respiratory protection:

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Skin and body protection:

No special protective equipment required.

Eye/face protection:

No special protective equipment required.

General hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance: Clear liquid

Physical State @20°C: Liquid

Color: Pale to light yellow

Odor: Characteristic

Odor Threshold: No information available

Specific Gravity: 1.0448-1.0648

Refractive Index: 1.4345-1.4545



BRAMBLE BERRY

HANDCRAFT PROVISIONS

pH: No data available

Melting/Freeze Point: No data available

Boiling Point: >35°C/95°F

Flash Point: 53°C/127°F

Evaporation rate: No data available

Flammability (solid, gas): No data available

Flammability limit in air

Upper flammability limit: No data available

Lower flammability limit: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: No data available

Water solubility: No data available

Solubility in other solvents: No data available

Partition coefficient: No data available

Autoignition temperature: No data available

Decomposition temperature: No data available

Kinematic viscosity: No data available

Dynamic viscosity: No data available

Explosive viscosity: No information available

Oxidizing properties: No information available

Softening point: No information available

Molecular weight: No information available

VOC content (%): No information available

Density value: No information available

Bulk density: No information available

Section 10: Stability and Reactivity

Reactivity:

No information available.

Chemical stability:

Stable under normal conditions.

Possibility of hazardous reactions:

None under normal processing.

Conditions to Avoid:

None known based on information supplied

Incompatible materials:

None known based on information supplied

Hazardous Decomposition Products:

None known based on information supplied

Section 11: Toxicological Information

Inhalation:

Specific test data for the substance or mixture is not available.

Skin Contact:

Specific test data for the substance or mixture is not available.

Eye Contact:

Specific test data for the substance or mixture is not available.

Ingestion:

Specific test data for the substance or mixture is not available.

Symptoms:

No information available.

Acute toxicity:

Specific test data for the substance or mixture are not available.

Skin corrosion/irritation:

No information available.

Serious eye damage/eye irritation:

No information available.

Respiratory or skin sensitization:

No information available.

Germ cell mutagenicity:

No information available.

Carcinogenicity:

No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
BHT 128-37-0	-	Group 3	-	-

Reproductive toxicity:

No information available

STOT- single exposure:

No information available

STOT- repeated exposure:

No information available

Aspiration hazard:

No information available

Section 12: Ecological Information

Ecotoxicity:

The environmental impact of this product has not been fully investigated.

Persistence and degradability:

No information available

Bioaccumulation:

There is no data for this product

Other adverse effects:

No information available

Section 13: Disposal Conditions

Waste from residues/unused products:

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging:

Do not reuse empty containers.

Section 14: Transport Information

DOT: Not regulated

IATA

UN/ID no: UN1197

Proper shipping name: Extracts, Flavoring, Liquid

Hazard class: 3

Packing group: III

ERG code: 3L

Description: UN1197, Extracts, Flavoring, Liquid, 3, III

IMDG

UN/ID no: UN1197

Proper shipping name: Extracts, Flavoring, Liquid

Hazard class: 3

Packing group: III

EmS No: F-E, S-D

Special provisions: 223, 955

Description: UN1197, Extracts, Flavoring, Liquid, 3, III

ADR

UN/ID no: UN1197

Proper shipping name: Extracts, Flavoring, Liquid

Hazard class: 3

Packing group: III

Classification code: F1

Tunnel restriction code: D/E

Special provisions: 601, 640E

Description: UN1197, Extracts, Flavoring, Liquid, 3, III

ADR/RID-Labels: 3

Section 15: Regulatory Information



International Inventories

TSCA: Complies

DSL/NDSL: Complies

EINECS/ELINCS: Complies

ENCS: No data available

IECSC: Complies

KECL: Complies

PICCS: Complies

NZIoC: Complies

AICS: Complies

TCSI: Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

NZIoC – New Zealand Inventory of Chemicals

AICS - Australian Inventory of Chemical Substances

TCSI- Taiwan Chemical Substance Inventory

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

Fire Hazard: Yes

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund



Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-know regulations

US State Regulations: This product may contain substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
B.H.T. 128-37-0	X	X	X
Benzyl Alcohol 100-51-6		X	X

U.S. EPA label information

EPA Pesticide Registration Number: Not applicable

Section 16: Other Information

NFPA

Health hazards: 2

Flammability: 2

Instability: 0

Physical and chemical properties: -

HMIS

Health hazards: 2

Flammability: 2

Physical hazards: 0

Personal protection: X

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