

Safety Data Sheet

Italian Limoncello Fragrance Oil

February 16th, 2024

Section 1: Chemical Product and Company Identification

Product name: Italian Limoncello 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:

Hazard Class	Category
Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1A
Aspiration hazard	Category 1
Flammable liquids	Category 4

2.2 Signal Word:

Danger

2.3 Hazard Statements

Harmful if swallowed
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May be fatal if swallowed and enters airways
Combustible liquid

2.4 LABEL ELEMENTS



2.5 Precautionary Statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Keep away from flames and hot surfaces. - No smoking. Wear protective gloves/eye protection/face protection.

Response

IF exposed or concerned: Get medical advice/attention. Specific treatment (see .? on this label).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

In case of fire: Use CO₂, dry chemical, or foam to extinguish.

Storage

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

Disposal

Dispose of contents/container to an approved waste disposal plant.

2.6 Hazards not otherwise classified (HNOC)

Other Information

Toxic to aquatic life with long lasting effects

Very toxic to aquatic life

45.992% of the mixture consists of ingredient(s) of unknown toxicity

Section 3: Composition/Information on Ingredients

Chemical Name	CAS No.	Weight - %
Benzyl benzoate	120-51-4	20 - 50 %
Limonene D	5989-27-5	10 - 20 %
Ethyl methylphenylglycidate	77-83-8	10 - 20 %
Methyldihydrojasmonate	24851-98-7	1 - 10 %

Ionone beta	14901-07-6	1 - 10 %
Dihydromyrcenol	18479-58-8	1 - 10 %
Styrallyl acetate	93-92-5	1 - 10 %
Raspberry ketone	5471-51-2	1 - 10 %
Allyl heptanoate	142-19-8	1 - 10 %
Myrac aldehyde	37677-14-8	1 - 10 %
Hydratropic aldehyde DMA	90-87-9	1 - 10 %
Citral	5392-40-5	0.01 - 1 %
Precyclemone B	52475-86-2	0.01 - 1 %
Scentenal	86803-90-9	0.01 - 1 %
BHT	128-37-0	0.01 - 1 %
Myrcene	123-35-3	0.01 - 1 %
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexe n-1-yl)-	57378-68-4	0.01 - 1 %
Aldehyde C-12 MNA	110-41-8	0.01 - 1 %
Geraniol	106-24-1	0.01 - 1 %
Citronellal	106-23-0	0.01 - 1 %
Aldehyde C-12	112-54-9	0.01 - 1 %

Section 4: First Aid Measures

4.1 Description of first aid measures

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

Skin Contact: Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.

Ingestion: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult a physician if necessary.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No information available

4.3 Indications of immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically

Section 5: Fire-Fighting Measures

5.1 Suitable extinguishing agents: Use extinguishing measuring that are appropriate to local circumstances and the surrounding environment.

5.2 Specific hazards arising from the chemical:

Hazardous combustion products: Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

Explosion Data:

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

5.3 Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and inhalation of vapors. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.

6.2 Environmental precautions

See Section 12 for additional Ecological Information.

6.3 Methods and material for containment and cleaning up

Containment: Prevent further leakage or spillage if safe to do so.

Clean Up: Pick up and transfer to properly labeled containers.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling. When using do not eat, drink or smoke.



7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep locked up and out of reach of children.

Incompatible materials: None known based on information supplied.

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

8.2 Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2 Engineering Controls

Showers

Eyewash stations

Ventilation systems

8.3 Individual Protection Measures:

Eye/Face Protection: Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

Skin and Body Protection: Avoid contact with skin. Wear protective gloves and protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.

8.4 General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

Section 9: Physical and Chemical Properties

General Information

Physical State: Liquid

Color: Colorless to Yellow

Odor: Characteristic

Odor Threshold: Not applicable

pH: Not applicable

Melting point/Freezing point: Not applicable

Boiling point/Boiling range: Not applicable

Flash point: 72.222°C / 612°F



Evaporation Rate: Not applicable
Flammability (solid, gas): Not applicable
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Specific Gravity @ 20°C: Not applicable
Water Solubility: Not applicable
Other Solubility: Not applicable
Partition Coefficient: Not applicable
Auto Ignition Temperature: Not applicable
Decomposition Temperature: Not applicable
Kinematic Viscosity: No data available
Dynamic Viscosity: Not applicable
Explosive properties: Not applicable
Oxidizing properties: Not applicable

Other Information

Softening point: Not applicable
Molecular weight: Not applicable
VOC content (%): Not applicable
Density: Not applicable
Bulk Density: Not applicable

Section 10: Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible materials

None known based on information supplied.

10.6 Hazardous decomposition products:

None known based on information supplied.

Section 11: Toxicological Information



Information on likely routes of exposure

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Avoid contact with eyes. Causes serious eye irritation.

Skin Contact: Avoid contact with skin. Causes skin irritation. May cause an allergic skin reaction. May be harmful in contact with skin.

Ingestion: May be harmful if swallowed.

Information on toxicological effects

Symptoms: No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Skin Corrosion/Irritation	No information available
Serious eye damage/eye Irritation	No information available
Sensitization	No information available
Germ Cell Mutagenicity	No information available
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.
Reproductive toxicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Aspiration hazards	No information available

Numerical measures of toxicity - Product Information

Unknown acute toxicity: 45.992% of the mixture consists of ingredients

Section 12: Ecological Information

12.1 Ecotoxicity effects

0% of the mixture consists of components of unknown hazard to the aquatic environment

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available.

Section 13: Disposal Conditions

Waste from residues and unused product shall be disposed of in accordance with local, state, and federal regulations. Dispose of empty containers at an approved waste disposal plant.



Section 14: Transport Information

DOT

Not regulated for US ground transport

IATA

UN Number	UN3082
Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
Class	9
Packing Group	III
Special Provisions	A97, A158, A197
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate, Limonene D), 9, III

IMDG

UN Number	UN3082
Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
Class	9
Packing Group	III
EmS-No	F-A, S-F
Special Provisions	274, 335, 969
Marine pollutant	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO
Description	(Benzyl benzoate)

Section 15: Regulatory Information

Regulatory information: info@brambleberry.com

Section 16: Other Information

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