

**Safety Data Sheet**  
**Lemon Bar Fragrance Oil (V001237)**

March 3, 2020

**Section 1: Chemical Product and Company Identification**

**Product name:** Lemon Bar 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**

<b>Physical Hazards:</b>	Flammable Liquids	Category 3
<b>Health Hazards:</b>	Sensitization, Skin	Category 1A
<b>Environmental Hazards:</b>	Hazardous to the aquatic Environment, acute hazard	Category 3
	Hazardous to the aquatic Environment, long-term hazard	Category 2
<b>OSHA Defined Hazards:</b>	Not classified	

**Label Elements:**



**Signal Word:** Warning

**Hazard Statement:** Flammable liquid and vapor. May cause an allergic skin reaction. Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

**Precautionary Statement**

**Prevention:** 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. Avoid breathing mist/vapor. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/eye protection/face protection.

**Response:** If on the skin (or hair) : Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash

	contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.
<b>Storage:</b>	Store in a well-ventilated place. Keep cool.
<b>Disposal:</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise Classified (HNOC)</b>	None known.
<b>Supplemental information:</b>	None.

### **Section 3: Composition/Information on Ingredients**

The individual chemical identities of the ingredients of this mixture are considered to be proprietary information and trade secrets. As such they are withheld in accordance with the provisions of the law. Certain hazardous substances are listed in the Exposure Controls/Personal Protection section.

### **Section 4: First Aid Measures**

<b>Inhalation:</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin Contact:</b>	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: seek medical attention and take along these instructions.
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
<b>Ingestion:</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed:</b>	Direct contact with eyes may cause temporary irritation. May cause an allergic reaction. Dermatitis. Rash.
<b>Indication of immediate medical attention and special treatment needed:</b>	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
<b>General information:</b>	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Wash contaminated clothing before reuse.

### **Section 5: Fire-Fighting Measures**

<b>Suitable extinguishing media:</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media:</b>	Do not use water jet as an extinguisher, this will spread the fire.

**Specific hazards arising from the chemical:**

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions**

**for firefighters:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Firefighting equipment/instructions:**

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

**Specific methods:**

Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards:**

Flammable liquid and vapor

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up:**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

Large Spills: stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**Environmental**

**Precautions:** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## Section 7: Handling and Storage

**Precautions for safe handling:**

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities:**

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8: Exposure Controls/Personal Protection

**Occupational exposure limits:**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

**Biological limit values:** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines:** US ACGIH Threshold Limit Values: Skin designation  
Citral (CAS 5392-40-5) Can be absorbed through the skin.

**Appropriate engineering controls:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Face shield is recommended. Wear safety glasses with side shields (or goggles).

**Skin protection:**

**Hand protection:** Wear appropriate chemical resistant gloves.

**Other:** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.



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<b>Thermal hazards:</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations:</b>	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

### Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Form:</b>	Liquid
<b>Color:</b>	Yellow
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting/Freezing Point:</b>	14 °F (-10 °C) estimated
<b>Boiling Point:</b>	444.2 °F (229 °C) estimated
<b>Flash Point:</b>	135.0 °F (57.2 °C) Closed Cup
<b>Evaporation Rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	0.012543 hPa estimated
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	896 °F (480 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Flammability class</b>	Combustible II estimated
<b>Oxidizing properties</b>	Not oxidizing.
<b>Refractive index</b>	1.5208
<b>Specific gravity</b>	0.9872

## Section 10: Stability and Reactivity

<b>Reactivity:</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid:</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point and contact with incompatible materials.
<b>Incompatible materials:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	No hazardous decomposition products are known.

## Section 11: Toxicological Information

This mixture has not been subjected to toxicological testing as an entity.

## Section 12: Ecological Information

This mixture has not been subjected to ecotoxicological testing as an entity.

## Section 13: Disposal Conditions

<b>Disposal instructions:</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations:</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code:</b>	D001: Waste Flammable material with a flash point <140 F The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues/unused products:</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: disposal instructions)
<b>Contaminated packaging:</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## Section 14: Transport Information

### DOT

UN number: UN1993  
 UN proper shipping name: Flammable liquids, n.o.s. (Cymene), MARINE POLLUTANT (Aldehyde C-8)  
 Transport hazard class(es)  
     Class: 3  
     Subsidiary risk: -  
     Label(s): 3  
 Packing group: III  
 Environmental hazards  
     Marine pollutant: Yes  
 Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.  
 Special provisions: B1, B52, IB3, T4, TP1, TP29  
 Packaging exceptions: 150  
 Packaging non-bulk: 203  
 Packaging bulk: 242

### IATA

UN number: UN1993  
 UN proper shipping name: Flammable liquid, n.o.s. (Cymene)  
 Transport hazard class(es)  
     Class: 3  
     Subsidiary risk: -  
 Packing group: III  
 Environmental hazards: Yes  
 ERG Code: 3L  
 Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.  
 Other information  
     Passenger and cargo aircraft: Allowed with restrictions.  
     Cargo aircraft only: Allowed with restrictions.

### IMDG

UN number: UN1993  
 UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (Cymene), MARINE POLLUTANT  
 Transport hazard class(es)  
     Class: 3  
     Subsidiary risk: -  
 Packing group: III  
 Environmental hazards  
     Marine pollutant: Yes  
 EmS: F-E, S-E  
 Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.  
 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not established.

**DOT**



**IATA; IMDG**



**Marine pollutant**



**General information**      IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

## Section 15: Regulatory Information

**SARA 302 Extremely hazardous substance Superfund Amendments and Reauthorization Act of 1986 (SARA)**  
Not listed.

**SARA 311/312 Hazardous chemical**  
Yes.

**Classified hazard categories**  
Flammable (gases, aerosols, liquids, or solids)  
Acute toxicity (any route of exposure)  
Respiratory or skin sensitization

**SARA 313 (TRI reporting)**  
Not regulated.

**Other federal regulations:**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**  
Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**  
Not regulated.

**Safe Drinking Water Act (SDWA)**  
Not regulated.

**US state regulations**  
**California Proposition 65**





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California Safe Drinking Water and Toxic Enforcement Act of 2016 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16: Other Information

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.