

**Safety Data Sheet**  
**Lemon Essential Oil (V000075)**

March 9, 2021

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

**Product name:** Lemon Essential 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**

**Hazard Pictograms:**



**Signal Word:** Danger

**Hazard Category:**

Flammable Liquid	Category 3
Aspiration hazard	Category 1
Skin corrosion/irritation	Category 2
Sensitization, skin	Category 1
Hazard to aquatic environment, acute	Category 1

**Non-classified**

HAZARDS NOT OTHERWISE IDENTIFIED      CATEGORY 1 (PHOTOSENSITIZER)

**Hazard Statements:**

H226:	Flammable liquid and vapour
H304:	May be fatal if swallowed and enters airways
H315:	Causes skin irritation
H317:	May cause an allergic skin reaction
H400:	Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

HHNOC PHOTOSENSITIZER

**Precautionary Statements :**

- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.
- P240: Ground/bond container and receiving equipment.
- P241: Use explosion-proof electrical/ventilating/light/.../equipment
- P242: Use only non-sparking tools.
- P243: Take precautionary measures against static discharge.
- P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264: Wash thoroughly after handling.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302+352: IF ON SKIN: Wash with soap and water.
- P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.
- P331: Do NOT induce vomiting.
- P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
- P362: Take off contaminated clothing and wash before reuse.
- P363: Wash contaminated clothing before reuse.
- P391: Collect spillage.
- P403+235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.

**Hazard not otherwise classified:** N/A

### Section 3: Composition/Information on Ingredients

Substance	CAS#	Weight %
Lemon Oil	808-56-8	100

### Section 4: First Aid Measures

**General Measures**

ENSURE MEDICAL PERSONNEL ARE CONTACTED AND INVOLVED. SHOW THIS SAFETY DATA SHEET TO ALL MEDICAL PERSONNEL TO ENSURE THEIR SAFETY AND PROTECTION. MOVE TO A SAFE AREA, FREE FROM HAZARDOUS MATERIALS.

**Inhalation:** Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

**Skin Contact:** Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.



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**Eye Contact:** 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 or persists.

**Ingestion:** Rinse mouth. Seek immediate medical attention. Do not induce vomiting.

**Additional Information:** Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

## Section 5: Fire-Fighting Measures

### General Information

Product contains flammable solvents. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breathe fumes. Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray.

**Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam.

**Special Protection for firefighting purposes:** Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

**Hazardous Decomposition Information:** Constituents associated with burning / combustion are to be considered toxic.

## Section 6: Accidental Release Measures

### Personal Precautions, Protective Equipment and 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 vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Containment Equipment and Procedures:

Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

**Cleanup Procedures:** Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

## Section 7: Handling and Storage

**Handling:** Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

**Storage:** Store in cool area in product container away from sources of ignition or flame. Store in tightly sealed containers, preferably full.

## Section 8: Exposure Controls/Personal Protection



**General/Engineering Controls:** Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.

**Work Clothing:** Protective work clothing which covers skin and prevents exposures.

**Eye/Face Protection:** Wear safety goggles or face shield.

**Skin Protection:** Wear solvent resistant gloves.

**Respiratory Protection:** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

**Additional Information:** Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product.

## Section 9: Physical and Chemical Properties

**Form:** Liquid

**Color:** Pale to Deep Yellow

**Odor:** Characteristic

**Melting Point:** Not Available

**Boiling Point:** 175°C

**Flash Point (AOCS Cc 9a-48):** 48°C

**Ignition Temperature:** 250°C

**Vapor Pressure:** 2 mmHg 20c

**Water Solubility:** Insoluble

**pH (10g/l):** Not Available

**Distribution coefficient octanol/water:** Not Available

**Viscosity:** 800cSt

## Section 10: Stability and Reactivity

**General:** This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources. Product can slowly oxidize when in contact with air.

**Incompatible Materials:** Strong oxidizing agents.

**Decomposition Products:** No decomposition products known.

## Section 11: Toxicological Information

Toxicological Information (contained substances)

Substance	LD50 Oral	LD50 Dermal	LC50 Inh
Lemon Oil	4400 -5100 mg/kg (rat)	>5000 mg/kg (rabbit)	N/A

## Section 12: Ecological Information



**Aquatic Toxicity:** Very toxic to aquatic organisms and to the aquatic environment. Potential for both acute and chronic effects

**Degradation/Mobility Information:** No specific data available. Contained solvents are expected to degrade rapidly in the environment.

**Bioaccumulative Potential:** No specific data available.

### Section 13: Disposal Conditions

**Product Disposal:** Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor. Contains low levels of flammable solvents.

**Container Disposal:** Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

### Section 14: Transport Information

**U.S. Department of Transportation (DOT) Non Bulk:** Not Regulated

**IMO/IMDG:** UN 1169, EXTRACTS, AROMATIC, LIQUID, 3, PG III, MARINE POLLUTANT

**IATA :** UN 1169, EXTRACTS, AROMATIC, LIQUID, 3, PG III

### Section 15: Regulatory Information

**TSCA:** Not Listed

**CERCLA RQ:** Not Listed

**SARA 311/312:** Not Listed

**SARA 313:** Not Listed

**California Prop. 65 Substances:** Not Listed

**Canadian DSL:** Yes Listed

### Section 16: Other Information

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