



SAFETY DATA SHEET

Prepared in accordance with OSHA Hazard Communication Standard (HCS) 2024 — 29 CFR 1910.1200

Product: Lemon Pure Essential Oil	SKU: EO2055	Revision Date: 10/07/2026	Version: 1
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1. IDENTIFICATION

Product Name	Lemon Pure Essential Oil
Description	Lemon Pure Essential Oil (Lemon Oil, California, Kosher, Flavor Grade)
SKU	EO2055
CAS No.	8008-56-8
Suggested Use	Essential oil
Restrictions on Use	N/A
Supplier	Essentials by Catalina 12781 Temescal Canyon Rd. Corona CA 92883 951-674-4444 hello@essentialsbycatalina.com
Emergency Contact	CHEMTREC: 1-800-424-9300 (Domestic) +1-703-527-3887 (International)

2. HAZARD IDENTIFICATION

Hazard Class	Category	Statement
Flammable Liquids	Category 3	H226: Flammable liquid and vapor
Skin Corrosion / Irritation	Category 2	H315: Causes skin irritation
Skin Sensitization	Category 1	H317: May cause an allergic skin reaction
Reproductive Toxicity	Category 2	H361: Suspected of damaging fertility or the unborn child
Aspiration Hazard	Category 1	H304: May be fatal if swallowed and enters airways



Signal Word: DANGER

Precautionary Statements

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233: Keep container tightly closed.
- P240: Ground and bond container and receiving equipment.
- P241: Use non-sparking tools.
- P242: Use explosion-proof electrical, ventilating, and lighting equipment.
- P243: Take action to prevent static discharges.
- P261: Avoid breathing dust, fume, gas, mist, vapors and spray.
- P264: Wash face, hands and any exposed skin thoroughly after handling.

P272: Contaminated work clothing must not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P302+P352: IF ON SKIN: Wash with plenty of water and soap.
P308+P313: IF exposed or concerned: Get medical advice/attention.
P321: Specific treatment (see supplemental first aid instructions on this label).
P331: Do NOT induce vomiting.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P363: Take off contaminated clothing and wash it before reuse.
P370+P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Other Information: Toxic to aquatic life with long lasting effects.

Rating System	Health	Flammability	Physical/Reactivity
HMIS	3 *	2	0
NFPA 704	2	2	0

* HMIS Chronic Hazard Star — indicates a chronic health hazard (reproductive toxicity classification).

Potential Health Effects

Inhalation	Aspiration into lungs can produce severe lung damage. May cause pulmonary edema, which can be fatal. May cause irritation of respiratory tract.
Skin	Causes skin irritation. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Repeated exposure may cause skin dryness or cracking.
Eyes	Specific test data for the substance is not available. May cause irritation.
Ingestion	Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause irritation to mucous membranes.
Chronic Effects	Contains a known or suspected reproductive toxin; may cause adverse reproductive effects such as birth defects, miscarriages, or infertility. Classification based on data available for this substance.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance

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

Component	CAS Number	Concentration
Lemon Oil, California, Kosher, Flavor Grade	8008-56-8	100%

4. FIRST AID MEASURES

General Advice	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Inhalation	Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use a barrier to give mouth-to-mouth resuscitation. If breathing is difficult, trained personnel should give oxygen. Delayed pulmonary edema may occur.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water. ASPIRATION HAZARD IF SWALLOWED — CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Self-Protection of the First Aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Avoid direct contact with skin. Use a barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes, or clothing.
Symptoms	Itching. Rashes. Hives. Difficulty in breathing. Coughing and/or wheezing. Dizziness. Erythema (skin redness). May cause redness and tearing of the eyes.
Effects of Exposure	May cause adverse reproductive effects — such as birth defect, miscarriages, or infertility.
Note to Physicians	May cause sensitization in susceptible persons. Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO ₂). Water spray. Alcohol resistant foam.
Unsuitable Extinguishing Media	Do not scatter spilled material with high pressure water streams.
Specific Hazards	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitizer. May cause sensitization by skin contact.
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	Yes.
Protective Equipment for Firefighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.
Other Information	Ventilate the area. Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for Cleaning Up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Prevention of Secondary Hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.
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7. HANDLING AND STORAGE

Safe Handling	Use personal protective equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.
General Hygiene Considerations	Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear protective gloves, eye protection and face protection.
Safe Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other ignition sources (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	This product, as supplied, contains materials that do not have reportable occupational exposure limits or are not subject to the reporting requirements of the local jurisdiction.
Biological Occupational Exposure Limits	This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.
Engineering Controls	Showers. Eyewash stations. Ventilation systems.
Eye/Face Protection	Tight sealing safety goggles.
Hand Protection	Wear suitable gloves.
Skin and Body Protection	Wear suitable protective clothing. Long sleeved clothing. Antistatic boots. Chemical resistant apron. Wear fire resistant or flame retardant clothing.
Respiratory Protection	Use appropriate respiratory protection. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Property	Value
Physical State	No information available	Flash Point	46°C / 114.8°F
Odor	Amber (color note)	Autoignition Temperature	No data available
Boiling Point	35°C / 95°F	Decomposition Temperature	No data available
Melting/Freezing Point	No data available	pH	No data available
Flammability (solid, gas)	No data available	Solubility	No data available
Flammable Limits	No data available	Partition Coefficient (log)	No data available

Vapor Pressure	No data available	Vapor Density	No data available
VOC Content	No data available	Evaporation Rate	No data available

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	Heat, flames and sparks.
Incompatible Materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous Decomposition Products	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Inhalation	Specific test data for the substance is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.
Eye Contact	Specific test data for the substance is not available. May cause irritation.
Skin Contact	May cause sensitization by skin contact. Specific test data for the substance is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons (based on components). Repeated exposure may cause skin dryness or cracking. Causes skin irritation.
Ingestion	Specific test data for the substance is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause irritation to mucous membranes.
Numerical Measures of Toxicity	No information available.
Skin Corrosion/Irritation	Classification based on data available for ingredients. Causes skin irritation.
Serious Eye Damage/Eye Irritation	No information available.
Respiratory or Skin Sensitization	May cause an allergic skin reaction.
Germ Cell Mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive Toxicity	Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. Suspected of damaging fertility or the unborn child.
STOT – Single Exposure	No information available.
STOT – Repeated Exposure	No information available.
Aspiration Hazard	May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life with long lasting effects.
Persistence and Degradability	No information available.
Bioaccumulative Potential	No information available.
Mobility in Soil	No information available.
Other Adverse Effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste from Residues/Unused Products	Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated Packaging	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

14. TRANSPORT INFORMATION

US Domestic (US DOT)	Not regulated. DOT Marine Pollutant: NP. Marine Pollutant Technical Name: Lemon Oil, California, Kosher, Flavor Grade.
International (TDG / MEX / ICAO / IATA / IMDG / ADR)	UN1197, Extracts, Flavouring, Liquid, Class 3, Packing Group III (46°C closed-cup flash point)
Note	Not regulated for US domestic transport; regulated as a Class 3 flammable liquid for all international transport modes.

15. REGULATORY INFORMATION

TSCA Inventory	Complies.
International Inventories	DSL/NDL: Complies. IECSC: Complies. KECL: Complies. PICCS: Complies. AICS: Complies. EINECS/ELINCS / ENCS / NZIoC / TCSI: No data available.
SARA 313	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	Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.
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).
CAA (Clean Air Act)	This product does not contain any substances regulated as pollutants pursuant to the Clean Air Act.
CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under CERCLA (40 CFR 302) or 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	This product does not contain any substances regulated under applicable state right-to-know regulations.

16. OTHER INFORMATION

Rating System	Health	Flammability	Instability/Reactivity
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NFPA	2	2	0
HMIS	3 *	2	0

* HMIS Chronic Hazard Star — indicates a chronic health hazard.

SDS Version	1
Revision Date	10/07/2026

The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. Essentials by Catalina shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes. Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to infringe any existing patents.

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