



SAFETY DATA SHEET

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

Product: Clementine Pure Essential Oil	SKU: EO2175	Revision Date: 10/27/2026	Version: 1
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1. IDENTIFICATION

Product Name	Clementine Pure Essential Oil
Description	Clementine Pure Essential Oil (Citrus reticulata)
SKU	EO2175
CAS No.	8008-31-9
Suggested Use	Essential oil for use in consumer and industrial products
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 (24 hours): 1-800-424-9300 (US/Canada) +1-703-527-3887 (international)

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
Aspiration Hazard	Category 1	H304: May be fatal if swallowed and enters airways
Hazardous to the Aquatic Environment	Acute 1 / Chronic 1	H410: Very toxic to aquatic life with long lasting effects



Signal Word: DANGER

Precautionary Statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash thoroughly after handling.
P272: Contaminated work clothing must not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P370+P378: In case of fire: Use CO₂, dry chemical, or foam to extinguish.
P391: Collect spillage.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

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

Potential Health Effects

Inhalation	No data available.
Skin	Causes skin irritation. May cause an allergic skin reaction (hives) in susceptible persons.
Eyes	No data available.
Ingestion	May be fatal if swallowed and enters airways. May be harmful if swallowed.
Chronic Effects	Repeated contact may cause allergic reactions in very susceptible persons. Contains limonene (IARC Group 3, not classifiable as to carcinogenicity in humans).

Substance	CAS Number	EC Number	Concentration
Clementine Oil (Citrus reticulata)	8008-31-9	297-672-2	100%
Contains: Limonene	5989-27-5	227-813-5	50–90%
Contains: Pinenes	80-56-8	201-291-9	1–5%

General Information	If symptoms persist, call a physician. Use personal protective equipment.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water for at least 15 minutes, removing all contaminated clothing and shoes. If skin irritation persists, call a physician. Wash contaminated clothing before reuse.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses after initial flushing and continue. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or physician. Never give anything by mouth to an unconscious person.
Most Important Symptoms/Effects	Hives.
Note to Physicians	May cause sensitization in susceptible persons. Aspiration hazard. Treat symptomatically.

Suitable Extinguishing Media	Dry chemical, carbon dioxide (CO ₂), water spray, alcohol-resistant foam.
Special Hazards	Flammable liquid and vapor. Risk of ignition; sensitive to static discharge. Thermal decomposition can release irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.
Protective Equipment	Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Personal Precautions	Use personal protective equipment. Avoid contact with eyes and skin. Evacuate personnel to safe areas; keep people away from and upwind of spill. Remove all sources of ignition and take precautionary measures against static discharge.
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Environmental Precautions	Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.		
Methods for Containment/Cleaning Up	Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material; pick up and transfer to properly labeled containers. Dike spill. Dispose of according to Section 13.		
Protective Action Criteria (PAC)	No data available.		
Safe Handling	Ensure adequate ventilation; use only with appropriate exhaust ventilation. Do not breathe vapors or mist. Ground all metal equipment to avoid ignition of vapors by static discharge. Keep away from heat, sparks and open flame. No smoking.		
Safe Storage	Store locked up. Keep out of the reach of children. Keep container tightly closed in a cool, well-ventilated place, away from heat. Keep in properly labeled containers. Incompatible products: none known.		
Specific End Uses	No data available.		
Exposure Limits	No occupational exposure limits have been established for the components.		
Engineering Controls	Ventilation systems; eyewash stations and safety showers.		
General Protective/Hygienic Measures	Do not eat, drink or smoke when using. Wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.		
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, use NIOSH/MSHA approved respiratory protection. Positive-pressure supplied air respirators may be required for high airborne concentrations.		
Hand / Skin Protection	Chemical-resistant gloves and chemical-resistant apron/protective clothing.		
Eye Protection	Tightly fitting safety goggles; face shield.		

Property	Value	Property	Value
Physical State	Liquid	Flash Point	46°C (114°F), closed cup
Appearance	Clear	Auto-Ignition Temperature	No data available
Color	Yellowish to reddish	Explosion Limits	No data available
Odor	Pleasant, orange-like	Vapor Pressure	No data available
Boiling Point	No data available	Vapor Density	No data available
Melting Point	No data available	Evaporation Rate	No data available
Specific Gravity	0.8440–0.8540 (25°C)	Refractive Index	1.4730–1.4760 (20°C)
Water Solubility	Practically insoluble	VOC Content	92%

Reactivity	No data available.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	None known based on information supplied.
Hazardous Decomposition Products	None known based on information supplied.

Acute Toxicity	No data available for the product as a whole.		
Component Data — Limonene	Oral LD50 4400 mg/kg (rat); dermal LD50 2000 mg/kg (rabbit).		
Component Data — Pinenes	Oral LD50 2100 mg/kg (rat); dermal LD50 5000 mg/kg (rat).		
Skin	Causes skin irritation.		
Sensitization	May cause an allergic skin reaction. Repeated contact may cause allergic reactions in very susceptible persons.		
Carcinogenicity	Limonene: IARC Group 3 (not classifiable as to carcinogenicity in humans). Not listed by ACGIH, NTP or OSHA.		
Germ Cell Mutagenicity / Reproductive Toxicity / STOT	No data available.		
Aspiration Hazard	May be fatal if swallowed and enters airways (Category 1).		
Aquatic Toxicity	Very toxic to aquatic life with long lasting effects (per supplier). 8% of the material consists of components of unknown hazard to the aquatic environment.		
Persistence and Degradability	No data available.		
Bioaccumulative Potential	No data available for the product. Pinenes: log Pow 4.1.		
Mobility in Soil	No data available.		
Other Adverse Effects	No data available.		
Waste Treatment Methods	Dispose of in accordance with local, state and federal regulations. US EPA Waste Number D001 (ignitable). Contains a component (limonene) listed as a California hazardous waste (toxic).		
Uncleaned Packaging	Do not reuse container.		
	DOT	IATA	IMDG
UN Number	UN1993	UN1993	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (limonene)	Flammable liquid, n.o.s. (limonene)	Flammable liquid, n.o.s. (limonene)
Hazard Class	3	3	3
Packing Group	III	III	III
Additional Information	ERG Code 128. Marine pollutant (IMDG): contains a chemical listed as a marine pollutant.		
TSCA	Listed / complies. Also complies with DSL/NDL (Canada), EINECS (EU), ENCS (Japan), IECSC (China), KECL (Korea), PICCS (Philippines), AICS (Australia).		
SARA 311/312 Hazard Categories	Acute health hazard: Yes. Fire hazard: Yes. Chronic health, sudden release of pressure, reactive: No.		
SARA 313 / CERCLA / Clean Water Act	No reportable chemicals.		
California Proposition 65	Not, to the best of our knowledge, subject to Proposition 65 labeling requirements.		
State Right-to-Know	Pinenes (80-56-8) listed in New Jersey, Massachusetts and Pennsylvania.		

Flam. Liq. 3: Flammable liquids, Category 3. Skin Irrit. 2: Skin corrosion/irritation, Category 2. Skin Sens. 1: Skin sensitization, Category 1. Asp. Tox. 1: Aspiration hazard, Category 1. Aquatic Acute 1 / Aquatic Chronic 1: Hazardous to the aquatic environment.

Rating System	Health	Flammability	Instability/Reactivity
NFPA	2	2	0
HMIS	2	2	0
SDS Version	1		
Revision Date	10/27/2026		

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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