



SAFETY DATA SHEET

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

Product: Bergamot Pure Essential Oil

SKU: EO3078

Revision Date: 10/27/2026

Version: 1

1. IDENTIFICATION

Product Name	Bergamot Pure Essential Oil
Description	Bergamot Oil, Cold Pressed (INCI: Citrus Aurantium Bergamia (Bergamot) Peel Oil)
SKU	EO3078
CAS No.	8007-75-8 / 89957-91-5
Suggested Use	Essential oil / fragrance ingredient for manufacturing and repackaging use
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
Serious Eye Damage/Eye Irritation	Category 2	H319: Causes serious eye irritation
Skin Sensitization	Category 1B	H317: May cause an allergic skin reaction
Aspiration Hazard	Category 1	H304: May be fatal if swallowed and enters airways
Aquatic Chronic Toxicity	Category 1	H410: Very toxic to aquatic life with long lasting effects



Signal Word: DANGER

Precautionary Statements

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.
P264: Wash hands and any exposed skin 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/hearing protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331: Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362+P364: 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.

P391: Collect spillage.

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

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	Vapors may cause respiratory irritation. Aspiration into the lungs can produce severe lung damage.
Skin	Causes skin irritation. May cause an allergic skin reaction; repeated or prolonged contact may cause allergic reactions in susceptible persons.
Eyes	Causes serious eye irritation.
Ingestion	May be fatal if swallowed and enters airways. Do not induce vomiting.
Chronic Effects	No components are identified as carcinogens by ACGIH, IARC, NTP, or OSHA at 0.1% or greater.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance	Bergamot oil, cold pressed (INCI: Citrus Aurantium Bergamia (Bergamot) Peel Oil). CAS 8007-75-8 / 89957-91-5. EC 289-612-9.
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Principal constituents (natural composition):

Component	CAS Number	Concentration	GHS Classification
d-Limonene	5989-27-5	40 – 50%	H226; H315; H317; H304; H400; H412
Linalyl Acetate	115-95-7	25 – 30%	H315
Linalool	78-70-6	10 – 12.5%	H317
beta-Pinene	127-91-3	7 – 10%	H226; H302; H312; H332; H304; H315; H319; H317; H335
gamma-Terpinene	99-85-4	5 – 7%	H226; H361; H304

Component classifications are as provided by the supplier. See Section 16 for full text of H-statements.

4. FIRST AID MEASURES

Inhalation	Remove casualty to fresh air and keep warm and at rest.
Eye Contact	Rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect the uninjured eye.
Skin Contact	Immediately take off all contaminated clothing. Rinse affected areas immediately with plenty of running water and, if possible, soap. Wash thoroughly. Dispose of contaminated clothing safely.
Ingestion	Do NOT induce vomiting. Call a poison control center or doctor immediately.

Most Important Symptoms/Effects	Allergic reactions; skin and eye irritation.
Indication of Immediate Medical Attention	In case of accident or if you feel unwell, seek medical advice immediately (show the directions for use or this safety data sheet if possible). Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry powder, carbon dioxide (CO2), dry chemical or foam.
Unsuitable Extinguishing Media	None in particular.
Special Hazards	Do not inhale explosion and combustion gases. Burning produces heavy smoke.
Advice for Firefighters	Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately; it must not be discharged into drains. Move undamaged containers from the immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear personal protective equipment. Remove all sources of ignition. Remove persons to safety.
Environmental Precautions	Do not allow to enter soil/subsoil, surface water or drains.
Methods for Containment/Cleaning Up	Absorb with an inert, non-combustible material (e.g., sand, earth, vermiculite), collect into suitable containers for disposal, and wash the area with plenty of water.

7. HANDLING AND STORAGE

Safe Handling	Avoid contact with skin and eyes and inhalation of vapors and mists. Use a localized ventilation system. Do not eat, drink or smoke when using this product.
Safe Storage	Store in full, tightly closed containers in a cool, dry, adequately ventilated place protected from heat and light. Optimum storage temperature 11–18°C (52–64°F) in unopened containers; store below 20°C (68°F). Keep away from open flame, sparks, heat sources and direct sunlight. Keep away from food, drink and feed.
Specific End Uses	None in particular.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	ACGIH TWA	ACGIH STEL	OSHA TWA	Notes
beta-Pinene (127-91-3)	20 ppm	—	—	DSEN, A4; lung irritation

Engineering Controls	Use a localized ventilation system.
Eye/Face Protection	Safety glasses with side shields.
Hand Protection	Nitrile rubber (NBR) gloves.
Skin Protection	Protective overalls/clothing.
Respiratory Protection	Not needed for normal use.
Thermal Hazards	None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Property	Value
Physical State	Liquid	Flash Point	57°C (134.6°F), EN ISO 3679
Odor	Characteristic	Autoignition Temperature	235°C (455°F)
Color	Not available	Flammability	Flammable liquid, Category 3
Boiling Point	170°C (338°F)	Vapor Pressure	123.1 Pa @ 25°C
Melting/Freezing Point	-30°C (-22°F)	Relative Density	0.868
pH	Not relevant	Partition Coefficient (log K _{ow})	1.69 – 4.90
Decomposition Temperature	Not relevant	VOC Content	402.16 g/L
Viscosity (kinematic, 40°C)	≤ 14 mm ² /s	Solubility (Water)	Not available

10. STABILITY AND REACTIVITY

Reactivity	None.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	May catch fire on contact with oxidizing mineral acids and powerful oxidizing agents.
Conditions to Avoid	High temperatures, flames and other heat sources.
Incompatible Materials	Strong oxidizing agents and oxidizing mineral acids.
Hazardous Decomposition Products	No dangerous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity – Oral (Rat)	LD50: 10,000 mg/kg (7 days).
Acute Toxicity – Dermal (Rabbit)	LD50: > 20,000 mg/kg (24 h).
Acute Toxicity – Inhalation	No data available.
Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/Eye Irritation	Causes serious eye irritation.
Respiratory Sensitization	No data available.
Skin Sensitization	May cause an allergic skin reaction (Category 1B).
Germ Cell Mutagenicity	No data available.
Carcinogenicity	No components are identified as carcinogens by ACGIH, IARC, NTP, or OSHA at 0.1% or greater.
Reproductive Toxicity	Not classified for the substance. See the note in Section 16 regarding gamma-terpinene.
STOT – Single / Repeated Exposure	No data available.
Aspiration Hazard	Category 1: may be fatal if swallowed and enters airways.
Endocrine Disrupting Properties	No endocrine disruptors present at a concentration of 0.1% or greater.

12. ECOLOGICAL INFORMATION

Acute Aquatic Toxicity	Daphnia EL50: 33 mg/L (48 h, OECD 202). Fish LL50: 18 mg/L (96 h, OECD 203). Daphnia NOEL: 18 mg/L.
Chronic Aquatic Toxicity	Category 1: very toxic to aquatic life with long lasting effects. Read-across data (linalyl acetate): fish LC50 11 mg/L (96 h); Daphnia EC50 6.2 mg/L (48 h).
Other Toxicity	Bacteria (based on limonene): NOEC 0.085 mg/L, EC50 0.44 mg/L (72 h).
Persistence and Degradability	Readily biodegradable (> 95% in modified OECD 301B).
Bioaccumulative Potential	Not bioaccumulative.
Mobility in Soil	Not mobile.
PBT / vPvB Assessment	No PBT or vPvB substances.
Other Adverse Effects	None.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods	Recover if possible. Send to authorized disposal plants or for incineration under controlled conditions, complying with local, state and federal regulations. Do not allow to enter drains, soil or waterways.
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14. TRANSPORT INFORMATION

US Domestic (US DOT)	Not specified in the supplier documentation. The product meets the DOT Class 3 flammable liquid criteria (flash point 57°C / 134.6°F); non-bulk shipments may qualify for a combustible-liquid exception (49 CFR 173.150(f)). Confirm before shipping.
International (ADR / IATA / IMDG)	UN1197, EXTRACTS, LIQUID, Class 3, Packing Group III. Label: flame. Marine pollutant: Yes. IMDG EmS: F-E. ADR tunnel restriction code: D/E. IATA packing instruction: 355 (passenger), 366 (cargo).
Note	Regulated as a Class 3 flammable liquid and marine pollutant for all international transport modes.

15. REGULATORY INFORMATION

US Regulations	TSCA, SARA 311/312/313 and California Proposition 65 determinations are not provided in the supplier documentation. Confirm with the supplier before relying on this SDS for those determinations.
EU / International	REACH registered (01-2120117613-65-XXXX). EC 289-612-9. Seveso III category P5c, E1. REACH Annex XVII restrictions 3, 40 and 75 apply. VOC content 402.16 g/L. No chemical safety assessment has been carried out for the mixture.

16. OTHER INFORMATION

GHS H-Statements referred to in Sections 2 and 3:

Code	Statement	Code	Statement
H226	Flammable liquid and vapor	H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways	H312	Harmful in contact with skin
H315	Causes skin irritation	H317	May cause an allergic skin reaction
H319	Causes serious eye irritation	H332	Harmful if inhaled
H335	May cause respiratory irritation	H361	Suspected of damaging fertility or the unborn child
H400	Very toxic to aquatic life	H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects		

Note: The supplier lists gamma-terpinene (5–7%) with H361 at the component level, but does not apply a reproductive toxicity classification to the product itself. The product classification in Section 2 follows the supplier's.

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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