



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

Bergamot Essential Oil | GHS / WHMIS 2015 Compliant | Version 1.0

Issue Date: May 22, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Bergamot Essential Oil
Botanical Name	Citrus bergamia
INCI Name	Citrus Aurantium Bergamia Peel Oil
CAS Number	8007-75-8
EINECS Number	289-612-9
Lot Number	BR-260116
Report Number	BR-260116
Batch Date	Jan. 16, 2026
Country of Origin	Italy
Product Use	Aromatherapy, cosmetics, and personal care products (domestic use)
Supplier / Distributor	Navy Heart Essential Oils
Address	Calgary, Alberta, Canada (full address available upon request)
Telephone	+1 (403) 901-6428
Email	navyheart.ca@gmail.com
Website	https://navyheart.ca
Emergency Telephone	Alberta Poison Centre: 1-800-332-1414 (24-hour) Canada Poison Centre: 1-844-764-7669

SECTION 2 — HAZARDS IDENTIFICATION

GHS / WHMIS 2015 Classification
Flammable Liquid — Category 3
Aspiration Hazard — Category 1
Skin Corrosion/Irritation — Category 2
Skin Sensitization — Category 1
Serious Eye Damage/Irritation — Category 2

Hazardous to the Aquatic Environment — Acute Hazard — Category 1	
Hazardous to the Aquatic Environment — Chronic Hazard — Category 1	
Signal Word	DANGER
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.	
H319 — Causes serious eye irritation.	
H400 — Very toxic to aquatic life.	
H410 — Very toxic to aquatic life with long-lasting effects.	
Precautionary Statements	
P210 — Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P233 — Keep container tightly closed.	
P235 — Keep cool.	
P240 — Ground/bond container and receiving equipment.	
P241 — Use explosion-proof electrical/ventilating/lighting equipment.	
P242 — Use only non-sparking tools.	
P243 — Take precautionary measures against static discharge.	
P261 — Avoid breathing dust/fumes/gas/mist/vapours/spray.	
P264 — Wash hands 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+P330+P331 — IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE or doctor.	
P303+P361+P353 — IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
P333+P313 — If skin irritation or a rash occurs: Get medical advice/attention.	
P370+P378 — In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.	
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, provincial, and federal regulations.	

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Concentration
Citrus Aurantium Bergamia Peel Oil	8007-75-8	289-612-9	≤100% (limonene, linalool, linalyl acetate ≥85% combined; Lot BR-260116)

Note: Full constituent breakdown (GC/MS analysis) is currently in process and will be uploaded when it is available.

SECTION 4 — FIRST AID MEASURES

General Advice	Consult a physician. Show this SDS to the attending doctor. Move affected person out of dangerous area immediately.
If Inhaled	Remove person to fresh air immediately. Give oxygen if breathing is laboured. If not breathing, administer artificial respiration. Avoid casual breathing — signs of overexposure include dizziness and nausea. Seek medical attention if symptoms persist.
Skin Contact	Remove contaminated clothing immediately. Wash area thoroughly with soap and plenty of water. Seek medical attention if irritation develops or persists.
Eye Contact	Immediately flush eyes with plenty of cool water for at least 15 minutes. Remove contact lenses if present and easy to do — continue rinsing. Seek medical attention if irritation persists.
If Swallowed	Rinse mouth with water. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention or contact poison control.
Note to Physician	Symptomatic and supportive treatment recommended. Risk of aspiration if vomiting occurs (Aspiration Hazard Category 1).

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Alcohol-resistant foam, dry chemical, carbon dioxide (CO ₂). For large fires, apply water mist or spray in large quantities from a safe distance.
Unsuitable Extinguishing Media	Avoid direct solid water streams — may be ineffective for large fires and may scatter burning material
Flash Point	58.33°C / 137°F closed cup
Special Hazards	Flammable liquid — Category 3. Vapours can accumulate in low areas. Hazardous decomposition products may form at extreme heat or if burned.
Combustion Products	Carbon monoxide, carbon dioxide
Protective Equipment	Wear self-contained breathing apparatus (SCBA) and full chemical protective gear. Use water spray or fog for cooling exposed containers.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Remove all sources of ignition. Avoid breathing vapours, mist, or gas. Beware of vapours accumulating in low areas. Equip response crew with appropriate PPE (see Section 8). Ensure adequate ventilation.
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Environmental Precautions	Prevent entry into sewers and public waters. Notify authorities if product enters sewers or public waters. Do not let product enter drains.
Containment & Cleanup	Contain spillage. Collect with an electrically protected vacuum cleaner or by wet-brushing using an absorbent material. Place in labelled containers for disposal in accordance with local, provincial, and federal regulations. Reference Section 13.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	No direct lighting. No smoking. Avoid inhalation of vapour or mist. Keep away from sources of ignition. Take measures to prevent build-up of electrostatic charge. Ensure prompt removal from eyes, skin, and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.
Storage Conditions	Store in a cool, dry, well-ventilated place. Keep container tightly closed. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Provide local exhaust or general room ventilation to minimize vapour concentrations. Keep away from direct sunlight — light sensitive.
Recommended Storage Temperature	Store in a cool place.
Incompatibilities	Strong oxidizing agents.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	No established occupational exposure limit (OEL) for bergamot essential oil under Alberta OHS Regulation or NIOSH at the time of issue. MSDS confirms no substances with occupational exposure limit values.
Engineering Controls	Ensure adequate ventilation. Use local exhaust ventilation where necessary. Handle in accordance with good industrial hygiene and safety practice. An eyewash fountain and/or safety shower should be available in the work area.
Eye / Face Protection	Face shield and safety goggles. Use equipment tested and approved under NIOSH (US) or EN 166 (EU) standards.
Skin Protection	Handle with chemical-resistant gloves. Nitrile rubber recommended: full contact ≤ 0.4 mm thick (breakthrough time 480 min); splash contact ≥ 0.2 mm thick (breakthrough time 30 min) (MSDS). Inspect gloves before use. Wear impervious, flame-retardant antistatic protective clothing where prolonged contact is likely.
Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) cartridges. If respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators tested and approved under NIOSH (US) or CEN (EU).
Environmental Controls	Prevent further leakage or spillage. Do not let product enter drains or waterways.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless or pale yellow oily liquid
Odour	Fragrant, sweet-fruity citrus odour
Flash Point	58.33°C / 137°F closed cup
Boiling Point	159°C / 318°F
Relative Density (20°C)	0.8810 (Lot BR-260116 CoA) / ref range: 0.876–0.884
Refractive Index (20°C)	1.4680 (Lot BR-260116 CoA) / ref range: 1.463–1.470
Optical Rotation	+5° to +30° — Conformity (Lot BR-260116 CoA)
Constituent Content	Limonene, linalool, linalyl acetate ≥85% combined — Conformity (CoA, Lot BR-260116)
Acid Value	≤1.0 — Conformity (CoA, Lot BR-260116)
Light Sensitivity	Yes — light sensitive. Store away from direct sunlight

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazard under normal conditions of use.
Chemical Stability	Chemically stable under recommended storage conditions.
Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Heat, flames, sparks, and other heat sources. Direct sunlight.
Incompatible Materials	Strong oxidizing agents.
Decomposition Products	Carbon monoxide, carbon dioxide may form at extreme heat or upon combustion

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	Bergamot essential oil is considered to have low acute oral toxicity under normal conditions of use based on known properties of citrus-derived essential oils.
Skin Irritation	Causes skin irritation. Classified as Skin Corrosion/Irritation Category. Adverse skin effects should be prevented by normal care and personal hygiene.
Skin Sensitization	May cause allergic skin reactions. Classified as Skin Sensitization Category 1 Primary sensitizing constituents: components of bergamot oil.
Eye Contact	Causes serious eye irritation. Classified as Eye Irritation Category 2. Repeated or prolonged contact may cause redness, irritation, and scaling of skin (dermatitis).
Inhalation	Inhalation of high concentrations of vapour may cause irritation of eyes, nose and throat, headache, nausea, and dizziness.

Ingestion	Do not ingest. May cause irritation of the stomach and intestines resulting in nausea and vomiting. Seek immediate medical attention if swallowed.
Aspiration Hazard	Classified as Aspiration Hazard Category 1 — May be fatal if swallowed and enters airways.
Carcinogenicity	No component at $\geq 0.1\%$ is identified as a known or probable human carcinogen by IARC, ACGIH, NTP, or OSHA
STOT — Repeated Exposure	Repeated or prolonged contact may cause dermatitis
RTECS Number	DS0500000

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Very toxic to aquatic organisms with long-lasting effects. Classified as Aquatic Acute Category 1 (H400) and Aquatic Chronic Category 1 (H410) Avoid any pollution of ground, surface, or underground water.
Persistence & Biodegradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
Other Effects	Do not allow product to enter drains, sewers, or natural waterways.

SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, provincial (Alberta), and federal Canadian regulations. This flammable material may be incinerated in a chemical incinerator equipped with an afterburner and scrubber — exercise extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable material to a licensed waste disposal company. Do not pour down drains or into waterways. Check with local municipal authority to ensure compliance.

Contaminated Packaging: Triple-rinse containers and offer for recycling or reconditioning. Alternatively, dispose of as unused product in compliance with local regulations.

SECTION 14 — TRANSPORT INFORMATION

UN Number	1197
Proper Shipping Name	Flammable Liquids, n.o.s. (Bergamot oil)
Hazard Class	3 — Flammable Liquid
Packing Group	III
TDG Canada (Land)	UN1197 (Extracts, liquid) — Class 3 — PG III. Class 3 PG III.
US DOT (Land)	UN1197 (Extracts, liquid) — Class 3 — PG III. Class 3 PG III.
IMO/IMDG (Sea)	UN1197 (Extracts, liquid) — Class 3 — PG III. Class 3 PG III.
IATA (Air)	UN1197 (Extracts, liquid) — Class 3 — PG III. Class 3 PG III.
Marine Pollutant	Aquatic classifications (H400/H410)

Poison Inhalation Hazard	No
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SECTION 15 — REGULATORY INFORMATION

WHMIS 2015 (Canada)	This SDS complies with Canada's Hazardous Products Regulations (WHMIS 2015). Classifications: Flammable Liquid (Cat. 3), Aspiration Hazard (Cat. 1), Skin Irritation (Cat. 2), Skin Sensitization (Cat. 1), Eye Irritation (Cat. 2), Aquatic Acute (Cat. 1), Aquatic Chronic (Cat. 1).
SARA 302 Components	No chemicals in this material are subject to SARA Title III, Section 302 reporting requirements
SARA 311/312 Hazards	Fire Hazard
SARA 313 Components	This material does not contain chemicals with known CAS numbers exceeding De Minimis reporting levels under SARA Title III, Section 313
NFPA Rating	Health: 0 Fire: 2 Reactivity: 0 (MSDS)
HMIS Rating	Health: 0 Flammability: 2 Physical Hazard: 0 (MSDS)

SECTION 16 — OTHER INFORMATION

SDS Version	1.0
Issue Date	May 22, 2026
Prepared By	Navy Heart Essential Oils, Calgary, Alberta, Canada
Source Documents	Supplier MSDS CoA Report No. BR-260116, Lot BR-260116

Version	Date	Summary of Changes
1.0	May 22, 2026	Initial issue.

Disclaimer: The information in this Safety Data Sheet is based on data provided by the raw material supplier and reference industry sources, and is believed to be accurate and reliable at the time of issue. Navy Heart Essential Oils makes no warranty, express or implied, as to the accuracy or completeness of this information. It is the responsibility of the user to ensure safe handling and use of this product in compliance with all applicable local, provincial, and federal regulations. This SDS is prepared in accordance with Canada's Hazardous Products Regulations (WHMIS 2015).

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