



Navy Heart Essential Oils

Calgary, Alberta, Canada

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SAFETY DATA SHEET (SDS)

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

Issue Date: May 20, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Eucalyptus Essential Oil
Botanical Name	Eucalyptus globulus
INCI Name	Eucalyptus Globulus Leaf Oil
CAS Number	8000-48-4
EC Number	616-775-9
Batch Number	250420
Report Number	BR-250426
Batch Date	September 25, 2025
Country of Origin	China
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
Acute Toxicity, Oral — Category 5
Aspiration Hazard — Category 1
Skin Irritation — Category 2
Skin Sensitization — Category 1
Hazardous to Aquatic Environment — Acute — Category 2
Hazardous to Aquatic Environment — Chronic — Category 2
Signal Word: DANGER

Hazard Statements	
H226 — Flammable liquid and vapour.	
H303 — May be harmful if swallowed.	
H304 — May be fatal if swallowed and enters airways.	
H315 — Causes skin irritation.	
H317 — May cause an allergic skin reaction.	
H401 — Toxic to aquatic life.	
H411 — Toxic to aquatic life with long-lasting effects.	
Precautionary Statements	
P210 — Keep away from heat, sparks, open flames and other ignition sources. No smoking.	
P233 — Keep container tightly closed.	
P261 — Avoid breathing dust/fumes/gas/mist/vapours/spray.	
P264 — Wash hands thoroughly after handling.	
P273 — Avoid release to the environment.	
P280 — Wear protective gloves/clothing/eye protection/face protection.	
P331 — Do NOT induce vomiting.	
P370+P378 — In case of fire: Use appropriate fire extinguisher to extinguish.	
P403+P235 — Store in a well-ventilated place. Keep cool.	
P501 — Dispose of contents/container in accordance with local, provincial, and federal regulations.	
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.	
P272 — Contaminated work clothing should not be allowed out of the workplace.	
P301+P310 — IF SWALLOWED: Immediately call a Poison Centre/doctor.	
P302+P352 — IF ON SKIN: Wash with plenty of water.	
P303+P361+P353 — IF ON SKIN (or hair): Remove contaminated clothing immediately. Rinse skin with water/shower.	
P312 — Call a Poison Centre/doctor if you feel unwell.	
P332+P313 — If skin irritation occurs: Get medical advice/attention.	
P333+P313 — If skin irritation or rash occurs: Get medical advice/attention.	
P362 — Take off contaminated clothing.	
P363 — Wash contaminated clothing before reuse.	

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS			
Component	CAS Number	EC Number	Concentration
Eucalyptus Oil, Natural (1,8-Cineole primary constituent)	8000-48-4	616-775-9	≤100% (1,8-Cineole 80.10%, Batch 250420)
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	Move person to fresh air immediately. If breathing is difficult, give oxygen. If not breathing, give artificial respiration — do not use mouth-to-mouth if product was ingested or inhaled. Consult a doctor immediately.
Skin Contact	Remove contaminated clothing immediately. Wash affected area thoroughly with soap and water. Consult a doctor if discomfort continues.
Eye Contact	Rinse with pure water for at least 15 minutes. Consult a doctor if irritation persists.
If Swallowed	Rinse mouth with water. Do NOT induce vomiting — aspiration hazard. Do not give anything by mouth to an unconscious person. Call a doctor or Poison Control Centre immediately.
Note to Physician	Aspiration hazard — treat accordingly. Symptomatic and supportive treatment recommended.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry powder, carbon dioxide (CO ₂), dry chemical.
Special Hazards	Hazardous decomposition products may form at extreme heat or if burned.
Combustion Products	Carbon oxides upon combustion.
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 ignition sources. Use personal protective equipment. Avoid breathing mist, gas, or vapours. Avoid contact with skin and eyes. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people upwind of spill/leak.
Environmental Precautions	Prevent further spillage or leakage if safe to do so. Do not let product enter drains, sewers, or waterways. Notify authorities if product enters public waters.
Containment & Cleanup	Small spill: Absorb with inert material and place in appropriate waste disposal container. Large spill: Keep away from heat and ignition sources. Absorb with dry earth, sand, or other non-combustible material. Use spark-proof tools and explosion-proof equipment. Transfer to sealed, labelled containers for disposal in accordance with local regulations.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	Handle in a well-ventilated area. No direct lighting. No smoking. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge. Ensure prompt removal from eyes, skin, and clothing. Wash hands with mild soap and water before eating, drinking, or leaving work.
Storage Conditions	Store in tightly closed containers in a cool, dry, well-ventilated place. Provide local exhaust or general room ventilation to minimize vapour concentrations. Keep container closed when not in use. Store apart from foodstuff containers or incompatible materials.

Incompatibilities	Strong oxidizing agents.
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SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep airborne vapour concentrations below threshold limit values. Handle in accordance with good industrial hygiene and safety practice. Ensure eyewash stations and showers are accessible near the work area.
Eye / Face Protection	Wear tightly fitting safety goggles with side-shields conforming to EN166 or NIOSH.
Skin Protection	Wear chemical-resistant, fire/flame-resistant impervious gloves. Inspect gloves prior to use. Wear impervious clothing where prolonged contact is likely.
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, use a full-face respirator. In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental Controls	Do not let product enter drains. Avoid discharging into drainage water.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless to pale yellow clear liquid
Odour	Characteristic eucalyptus/eucalyptol aroma with a camphoraceous, spicy, cool note
Flash Point	44°C (reference SDS)
Density (CoA)	0.908 g/mL (Batch 250420) / Standard range: 0.902–0.925
Refractive Index Range	1.462 @ 20°C (Batch 250420) / Standard range: 1.455-1.468
Optical Rotation	Conforming: 0° to +5° (Batch 250420 CoA)
1,8-Cineole Content	80.10% (Batch 250420 CoA — standard ≥80%)
Lead (Pb) Content	≤0.001% — conforming (Batch 250420 CoA)
Solubility	Soluble in 75% ethanol and fixed oils. Insoluble in water.

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, sparks, open flames, and other ignition sources.
Incompatible Materials	Strong oxidizing agents.
Decomposition Products	Carbon oxides may form upon combustion.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	Based on the known properties of Eucalyptus globulus oil, this product should be handled with care. Classified as low acute oral toxicity (Category 5) per reference SDS.
Skin Irritation	May cause skin irritation. Classified as Category 2. Prevent by normal care and personal hygiene.

Skin Sensitization	May cause allergic skin reactions in susceptible individuals (GHS Category 1).
Inhalation	Inhalation of high concentrations of vapour may cause irritation of the eyes, nose, and throat, headache, nausea, and dizziness.
Eye Contact	May cause eye irritation. Prevent by wearing appropriate safety goggles.
Ingestion	May be harmful if swallowed. Do not ingest. Aspiration hazard — do not induce vomiting. Seek immediate medical attention.
Carcinogenicity	No component at $\geq 0.1\%$ identified as a known or probable carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life (H401) and toxic to aquatic life with long-lasting effects (H411). Classified as hazardous to the aquatic environment — acute and chronic Category 2 (reference SDS).
Supplier Note	Supplier MSDS notes this product is an environmentally hazardous substance/marine pollutant.
Other Effects	Avoid any pollution of ground, surface, or underground water. Do not allow product to enter drains, sewers, or natural waterways.

SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of product at a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing, in accordance with local, provincial (Alberta), and federal Canadian regulations. Do not contaminate water, foodstuffs, feed, or seed during storage or disposal. Do not discharge to sewer systems.

Contaminated Packaging: Triple-rinse containers and offer for recycling or reconditioning. Alternatively, puncture to make unusable and dispose of in a sanitary landfill. Controlled incineration with flue gas scrubbing is acceptable for combustible packaging materials.

SECTION 14 — TRANSPORT INFORMATION

Reference UN Number	1993
Reference Shipping Name	Flammable liquid, n.o.s. (Eucalyptus oil)
Reference Hazard Class	3 (Flammable Liquid)
Reference Packing Group	III
TDG Canada / US DOT (Land)	UN1993 — Flammable liquid, n.o.s. — Class 3 — PG III (reference only — verify with supplier)
IMO/IMDG (Sea)	UN1993 — Flammable liquid, n.o.s. — Class 3 — PG III (reference only)
IATA (Air)	UN1993 — Flammable liquid, n.o.s. — Class 3 — PG III (reference only)
Environmental Hazard	Classified as environmentally hazardous substance/marine pollutant per supplier.

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), Aquatic Toxicity — Acute & Chronic (Cat. 2).
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SECTION 16 — OTHER INFORMATION	
SDS Version	1.0
Issue Date	May 20, 2026
Prepared By	Navy Heart Essential Oils, Calgary, Alberta, Canada
Source Documents	Supplier MSDS CoA Report No. BR-250426, Batch 250420

Version	Date	Summary of Changes
1.0	May 20, 2026	Initial issue.

Disclaimer: The information in this Safety Data Sheet is based on data provided by the raw material supplier 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).