



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

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

Issue Date: May 19, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Peppermint Essential Oil
Botanical Name	Mentha piperita
INCI Name	Mentha Piperita Oil
CAS Number	8006-90-4
EINECS Number	282-015-4
Batch Number	BR-250315
Report Number	BR-250320
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 4
Acute Toxicity, Oral — Category 5
Aspiration Hazard — Category 1
Skin Corrosion/Irritation — Category 2
Skin Sensitization — Category 1
Serious Eye Damage/Eye Irritation — Category 2A
Hazardous to Aquatic Environment — Acute — Category 2
Hazardous to Aquatic Environment — Chronic — Category 2

Signal Word: DANGER
Hazard Statements
H227 — Combustible liquid.
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.
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.
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 foam 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.
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.
P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present — continue rinsing.
P312 — Call a Poison Centre/doctor if you feel unwell.
P332+P313 — If skin irritation occurs: Get medical advice/attention.
P337+P313 — If eye irritation persists: Get medical advice/attention.
P362 — Take off contaminated clothing.
P363 — Wash contaminated clothing before reuse.
P391 — Collect spillage.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Concentration
Peppermint Oil, Natural	8006-90-4	282-015-4	≤100% (menthol 50.50%, menthone 22.48% Batch BR-250315)
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.
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If Inhaled	Move person to fresh air immediately. If not breathing, administer artificial respiration. Seek medical attention if symptoms persist.
Skin Contact	Remove contaminated clothing immediately. Wash affected area thoroughly with soap and 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. Seek medical attention if irritation occurs or persists.
If Swallowed	Rinse mouth and drink plenty of water. Do NOT induce vomiting — aspiration hazard. Do not give anything by mouth to an unconscious person. Seek immediate medical attention or contact poison control.
Note to Physician	Aspiration hazard — treat accordingly. Symptomatic and supportive treatment recommended.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide (CO ₂), dry chemical powder, chemical foam, alcohol-resistant foam.
Unsuitable Extinguishing Media	Do not use direct water jet on burning material.
Special Hazards	In case of fire, hazardous fumes may be produced. Avoid inhalation of vapours.
Combustion Products	Carbon oxides and potentially hazardous fumes upon combustion.
Protective Equipment	Wear self-contained breathing apparatus (SCBA) and full chemical protective gear. Containers may be cooled with water spray to avoid pressure increase.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Remove all ignition sources. Wear appropriate PPE (gloves, goggles, respirator). Ensure adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes.
Environmental Precautions	Do not discharge into drains, watercourses, or onto the ground. Notify local authorities if product enters public waters. Dispose of in line with local authority guidelines.
Containment & Cleanup	Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry lime, sand, soda ash). Place in covered, labelled containers and dispose of in accordance with current laws and regulations.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	Use in accordance with good industrial/laboratory procedures. Keep away from heat, sparks, and open flames. No smoking. Avoid inhalation of vapours and contact with skin and eyes. Prevent spills and leakages. Take measures to prevent build-up of electrostatic charge. Wash hands after handling.
Storage Conditions	Store in cool (5°C), well-ventilated environment in closed glass or aluminium containers. Keep containers leak-proof, closed, and dry. Protect against sunlight, heat, and open flame. Keep away from sources of ignition. Avoid intrusion into soil.
Recommended Storage Temperature	2–8°C / 36–46°F (reference SDS). Supplier specifies cool storage at 5°C.

Container Type	Glass or aluminium containers recommended.
Light Sensitivity	Yes — protect from direct sunlight.
Incompatibilities	Strong oxidizing agents. Combustible — may give rise to hazardous fumes.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Engineering methods to prevent or control exposure are preferred, including personnel segregation, mechanical ventilators, and control of process conditions. Ensure adequate ventilation.
Eye / Face Protection	Wear approved safety glasses or chemical safety goggles when handling large amounts.
Skin Protection	Wear chemical-resistant (solvent-resistant) gloves if prolonged contact is likely. Use solvent-resistant overalls where splashing is possible.
Respiratory Protection	No special measures required providing good ventilation is maintained. If vapour concentrations become high, use an approved respirator.
Hygiene	Good personal hygiene practices should always be maintained when working with essential oils. Avoid inhalation and contact with skin and eyes.
Environmental Controls	Avoid discharging into drainage water.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, pale yellow liquid
Odour	Characteristic fresh, cool, minty aroma
Flash Point	70°C (reference SDS)
Relative Density	0.906 g/mL (Batch BR-250315 CoA) / Ref range: 0.888–0.916
Refractive Index (20°C)	1.4636 (Batch BR-250315 CoA) / Ref range: 1.451–1.470
Optical Rotation	-21.6° (Batch BR-250315 CoA) / Standard range: -32° to -10°
Menthol Content	50.50% (Batch BR-250315 CoA)
Lead (Pb) Content	≤10 mg/kg — conforming (Batch BR-250315 CoA)
Solubility	Soluble in 75% ethanol and fixed oils. Insoluble in water.
Light Sensitivity	Yes — store away from direct light

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazard under normal conditions of use.
Chemical Stability	Stable under normal storage and handling conditions.
Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Heat, sparks, open flames, direct sunlight.
Incompatible Materials	Strong oxidizing agents.
Decomposition Products	Carbon oxides and hazardous fumes may form at extreme heat or upon combustion.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	Based on known properties of <i>Mentha piperita</i> oil, this product should be handled with the highest possible caution. Classified as low-to-moderate acute oral toxicity under GHS.
Skin Irritation	May cause skin irritation. Classified as Skin Irritation Category 2 based on GHS classification of peppermint oil.
Skin Sensitization	May cause allergic skin reactions in susceptible individuals.
Inhalation	May cause respiratory tract irritation. High vapour concentrations may cause irritation of the eyes, nose, and throat.
Eye Contact	May cause eye irritation. Prevent by wearing appropriate safety goggles.
Ingestion	Do not ingest. May be harmful if swallowed. 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 with long-lasting effects (H411). Classified as hazardous to the aquatic environment — acute and chronic Category 2.
Other Effects	Do not allow product to enter drains, sewers, streams, or natural waterways. Product remainders should not intrude into soil or waters.

SECTION 13 — DISPOSAL CONSIDERATIONS

Collect and dispose of waste product at an authorized disposal facility in accordance with local, provincial (Alberta), and federal Canadian regulations. Product remainders should not intrude into soil or waters. Do not pour down drains or into waterways.

Contaminated Packaging: Triple-rinse containers and offer for recycling or reconditioning. Alternatively, puncture to make unusable and dispose of in a sanitary landfill in compliance with local regulations.

SECTION 14 — TRANSPORT INFORMATION

Reference UN Number	3082
Reference Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Peppermint oil)
Reference Hazard Class	9
Reference Packing Group	III
TDG Canada / US DOT (Land)	UN3082 — Class 9 — PG III (reference only)
IMO/IMDG (Sea)	UN3082 — Class 9 — PG III — Marine Pollutant (reference only)
IATA (Air)	UN3082 — Class 9 — PG III (reference only)
Environmental Hazard	Classified as environmentally hazardous substance / marine pollutant.

SECTION 15 — REGULATORY INFORMATION

WHMIS 2015 (Canada)	This SDS complies with Canada's Hazardous Products Regulations (WHMIS 2015). Classifications: Flammable Liquid (Cat. 4), Acute Oral Toxicity (Cat. 5), Aspiration Hazard (Cat. 1), Skin Irritation (Cat. 2), Skin
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	Sensitization (Cat. 1), Eye Irritation (Cat. 2A), Aquatic Acute (Cat. 2), Aquatic Toxicity — Chronic (Cat. 2).
NFPA Rating	Health: 2 Fire: 2 Reactivity: 0
HMIS Rating	Health: 2 Flammability: 2 Physical Hazard: 0

SECTION 16 — OTHER INFORMATION	
SDS Version	1.0
Issue Date	May 19, 2026
Prepared By	Navy Heart Essential Oils, Calgary, Alberta, Canada
Source Documents	Supplier MSDS CoA Report No. BR-250320, Batch BR-250315

Version	Date	Summary of Changes
1.0	May 19, 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).