



Navy Heart Essential Oils

Calgary, Alberta, Canada

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SAFETY DATA SHEET (SDS)

Lavender Essential Oil | GHS / WHMIS 2015 Compliant | Version 3.0

Issue Date: May 19, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Lavender Essential Oil
Botanical Name	Lavandula angustifolia
INCI Name	Lavandula Angustifolia Oil
CAS Number	8000-28-0
EINECS Number	289-995-2
Lot Number	BR-260120
Report Number	BR-260125
Batch Date	September 25, 2025
Country of Origin	Bulgaria
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
Skin Corrosion/Irritation — Category 2
Skin Sensitization — Category 1
Aspiration Hazard — Category 1
Serious Eye Damage/Irritation — Category 2
Hazardous to Aquatic Environment — Acute — Category 2
Hazardous to Aquatic Environment — Chronic — Category 3
Signal Word: DANGER

Hazard Statements	
H227 — Combustible liquid.	
H315 — Causes skin irritation.	
H317 — May cause an allergic skin reaction.	
H304 — May be fatal if swallowed and enters airways.	
H319 — Causes serious eye irritation.	
H401 — Toxic to aquatic life.	
H412 — Harmful 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.	
P370+P378 — In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.	
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.	
P333+P313 — If skin irritation or rash occurs: Get medical advice/attention.	
P391 — Collect spillage.	

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Concentration
Lavandula Angustifolia Oil (Linalyl acetate primary constituent)	8000-28-0	289-995-2	≤100% (linalyl acetate 42.50%, Lot BR-260120)

Note: Full constituent breakdown (GC/MS analysis) is currently in process and will be uploaded when it is available. Linalyl acetate is the primary constituent confirmed at 42.50% for this lot.

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 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	Flush eyes with plenty of cool water as a precaution. If irritation occurs or persists, seek medical attention.

If Swallowed	Do NOT induce vomiting. Rinse mouth with water. 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.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam (Class B alcohol-resistant), ABC powder, BC powder, carbon dioxide (CO ₂). For large fires, apply water in large quantities as mist or spray from a safe distance.
Special Hazards	Possible discharge of toxic gases upon burning. Use protective gas mask equipment.
Combustion Products	Carbon oxides and potentially toxic gases may form upon combustion.
Protective Equipment	Wear self-contained breathing apparatus (SCBA) and full chemical protective gear when fighting fire involving this product.
Additional Information	Use water spray to cool unopened containers exposed to fire.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Remove all ignition sources. Wear appropriate PPE (gloves, goggles, respirator). Ensure immediate ventilation of premises. Beware of vapours accumulating in low areas. Keep people upwind and away from spill.
Environmental Precautions	Cover flood with inert, non-combustible materials. Prevent entry into drains or sewers. Notify local authorities if product enters public waters.
Containment & Cleanup	Use non-organic, non-combustible sorbents such as sand or talc powder to absorb spill. Collect in sealed, labelled containers for disposal in accordance with local regulations.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	Handle in a well-ventilated area. Keep away from heat, sparks, and open flames. No smoking. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Take precautions to prevent build-up of electrostatic charge. Wash hands after handling.
Storage Conditions	Store in tightly closed containers in a cool, dry, well-ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep away from direct sunlight — light sensitive.
Recommended Storage Temperature	2–8°C / 36–46°F
Incompatibilities	Strong oxidizing agents.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	NIOSH TWA: 10 mg/m ³ (ceiling) / 5 mg/m ³ (as vapour) for lavender oil.
Engineering Controls	Ensure adequate ventilation. Use local exhaust ventilation where necessary to minimize vapour concentrations.
Eye / Face Protection	Tightly sealed safety goggles with side-shields conforming to EN166 or NIOSH.

Skin Protection	Wear chemical-resistant gloves. Inspect gloves before use. Wear impervious clothing where prolonged contact is likely.
Respiratory Protection	Respiratory protection is not normally required for domestic use. In workplace settings where ventilation is inadequate, use a NIOSH-approved full-face or half-face air-purifying respirator fitted with appropriate organic vapour or multi-gas cartridges.
Environmental Controls	Prevent further leakage or spillage if safe to do so. Do not allow product to enter drains.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow or pale yellow clear liquid
Odour	Pleasant characteristic lavender aroma
Flash Point	69°C / 161°F (closed cup)
Boiling Point	204°C / 399°F
Relative Density (25°C)	0.863 g/mL (Lot BR-260120 CoA) / Ref range: 0.860–0.888
Refractive Index (20°C)	1.460 (Lot BR-260120 CoA) / Ref range: 1.459–1.468
Optical Rotation	Conforming: -2° to -7° (Lot BR-260120 CoA)
Linalyl Acetate Content	42.50% minimum (Lot BR-260120 CoA)
Solubility	Soluble in 75% ethyl alcohol, 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	Chemically stable under recommended storage 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 may form at extreme heat or upon combustion.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	Based on known properties of Lavandula angustifolia oil, this product is considered to have low acute toxicity under normal conditions of use.
Skin Irritation	May cause mild skin irritation in sensitive individuals. Classified as Skin Irritation Category 2 based on GHS classification of lavender oil.
Skin Sensitization	May cause allergic skin reactions in susceptible individuals.
Inhalation	High concentrations of vapour may cause irritation of eyes, nose, and throat, headache, nausea, and dizziness.
Eye Contact	May cause eye irritation. Prevent by wearing appropriate safety goggles.
Ingestion	Do not ingest. Seek medical attention if swallowed.
Carcinogenicity	No component at ≥0.1% identified as a known or probable carcinogen by IARC, ACGIH, NTP, or OSHA.
RTECS Number	OF6110000

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Avoid any release to ground, surface, or underground water.
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 combustible material may be incinerated in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable material to a licensed disposal company. 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

TDG Canada (Land)	Not regulated under TDG (combustible liquid, not classified as dangerous goods under Canadian TDG regulations)
US DOT (Land)	NA1993 — Combustible liquid, n.o.s. (Oils, lavender) — Class: NONE — PG III
IMO/IMDG (Sea)	Not regulated as dangerous goods
IATA (Air)	Not regulated as dangerous goods
Poison Inhalation Hazard	No

SECTION 15 — REGULATORY INFORMATION

WHMIS 2015 (Canada)	This SDS complies with Canada's Hazardous Products Regulations (WHMIS 2015). Classifications: Flammable Liquid (Cat. 4), Skin Irritation (Cat. 2), Skin Sensitization (Cat. 1), Aspiration Hazard (Cat. 1), Serious Eye Damage (Cat. 2), Aquatic Acute (Cat. 2), Aquatic Chronic (Cat. 3)
SARA 302 Components	No chemicals in this material are subject to SARA Title III, Section 302 reporting requirements.
SARA 311/312 Hazards	Fire Hazard. Acute Health 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: 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-260125, Lot BR-260120

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).

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