



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

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

Issue Date: May 22, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Helichrysum Essential Oil
Botanical Name	Helichrysum italicum
INCI Name	Helichrysum Italicum Flower Oil
CAS Number	8023-95-8
EINECS Number	289-918-2
Lot Number	BR-260129
Report Number	BR-260129
Batch Date	January 29, 2026
Country of Origin	France
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 Sensitization — Category 1B	
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.
H317 — May cause an allergic skin reaction.
H410 — Very toxic to aquatic life with long-lasting effects.
Precautionary Statements
P102 — Keep out of reach of children.
P233 — Keep container tightly closed.
P264 — Wash hands thoroughly after handling.
P270 — Do not eat, drink or smoke when using this product.
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.
P302+P352 — IF ON SKIN: Wash with plenty of soap and water.
P304+P340 — IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do — continue rinsing.
P306+P360 — IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P309+P311 — IF exposed or if you feel unwell: Call a POISON CENTRE or doctor.
P312 — Call a POISON CENTRE or doctor if you feel unwell.
P333+P313 — If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 — If eye irritation persists: Get medical advice/attention.
P363 — Wash contaminated clothing before reuse.
P370+P380 — In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
P371+P380+P375 — In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P381 — Eliminate all ignition sources if safe to do so.
P391 — Collect spillage.
P402+P404 — Store in a dry place. Store in a closed container.
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
Helichrysum italicum Flower Oil (whole)	8023-95-8	289-918-2	≥99% (Neryl acetate 27% α-Pinene 13% ar-curcumen 12% Lot:BR 260129)
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. Keep at rest in a position comfortable for breathing. If not breathing, administer artificial respiration. Consult a physician.
Skin Contact	Remove contaminated clothing. Wash area with soap and water. If irritation occurs, seek medical attention.
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 medical attention or contact local poison control centre immediately.
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	Foam, dry powder, carbon dioxide (CO ₂). Water spray or fog for cooling exposed containers
Unsuitable Extinguishing Media	Water spray, water jet
Flash Point	51°C / 124°F
Special Hazards	Hazardous decomposition products may form at extreme heat or if burned. In case of major fire: evacuate area and fight fire remotely due to risk of explosion
Combustion Products	Carbon oxides
Protective Equipment	Wear positive-pressure 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	Avoid breathing mist, gas, or vapours. Avoid contact with skin and eyes. Use chemical-impermeable gloves and appropriate PPE. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use spark-proof tools and explosion-proof equipment.
Environmental Precautions	The product must not enter drains, surface water, groundwater, or adjacent areas. Prevent further spillage or leakage if safe to do so. Discharge into the environment must be avoided. Note: MSDS identifies product as environmentally hazardous substance/marine pollutant.
Containment & Cleanup	Remove with inert absorbent material (e.g. sand). Collect and arrange disposal. Keep material in suitable closed containers for disposal. Contaminated material must be disposed of in accordance with applicable regulations. Reference Section 13.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	No direct lighting. No smoking. Do not eat, drink, or smoke when using this product. Handle in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of aerosols. Use non-sparking tools. Prevent electrostatic discharge. 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.
Storage Conditions	Store in tightly closed container in a dry, cool, well-ventilated place. Store apart from foodstuff containers or incompatible materials. Provide local exhaust or general room ventilation to minimize vapour concentrations. Keep container closed when not in use.
Recommended Storage Temperature	Cool, dry place.
Incompatibilities	Strong oxidizing agents; avoid contact with strong acids and alkali

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	No established occupational exposure limit (OEL) for helichrysum essential oil under Alberta OHS Regulation or NIOSH at the time of issue.
Engineering Controls	Ensure adequate ventilation. Set up emergency exits and the risk-elimination area. Handle in accordance with good industrial hygiene and safety practice. Wash hands with soap and water after handling.
Eye / Face Protection	Use tightly sealed safety goggles with side-shields conforming to EN 166 (EU) or NIOSH (US).
Skin Protection	Wear fire/flammable-resistant and impervious clothing. Handle with chemical-resistant gloves. Gloves must be inspected prior to use and must satisfy specifications of EU Directive 89/686/EEC and standard EN 374. Wash and dry hands.
Respiratory Protection	If exposure limits are exceeded, irritation, or other symptoms are experienced, use a full-face respirator. In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental Controls	Do not let product enter drains or waterways. Discharge into the environment must be avoided.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Colour	Colorless or light yellow
Odour	Light helichrysum aroma
Flash Point	51°C / 124°F
Relative Density (20°C)	0.9300 (Lot BR-260129 CoA) / ref range: 0.9150–0.9600
Refractive Index (20°C)	1.4900 Lot BR-260129 CoA) / ref range: 1.4820–1.5500
Optical Rotation	-10.0° to +2.0° @ 20°C
Acid Value	CoA: ≤6 mg KOH/g standard; lot result: 3 — Conformity

Purity	≥99% (CoA, Lot BR-260129 — Conformity)
Solubility	Soluble in 85% organic solvent Soluble in alcohol and oils. Insoluble in water
Vapour Pressure	No data available
Auto-ignition Temperature	No data available
Light Sensitivity	Protect from light

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazards by itself or in contact with water
Chemical Stability	Product is stable under normal conditions of use and storage
Hazardous Reactions	Hazardous polymerization will not occur
Conditions to Avoid	Avoid contact with strong acids, alkali, or oxidising agents. Keep away from heat and ignition sources
Incompatible Materials	Strong oxidizing agents
Decomposition Products	Carbon oxides may form at extreme heat or upon combustion

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	MSDS provides no toxicity data. Helichrysum essential oil is considered to have low acute toxicity under normal conditions of use based on known properties of this botanical product.
Skin Irritation	Skin Sensitization Cat. 1B (H317) — see below. Adverse skin effects should be prevented by normal care and personal hygiene
Skin Sensitization	May cause allergic skin reactions. Classified as Skin Sensitization Category 1B (H317) Repeated or prolonged contact may cause redness, irritation, and scaling of skin (dermatitis)
Eye Contact	Possible irritation — prevented by wearing safety glasses No formal eye classification. Rinse immediately if eye contact occurs.
Inhalation	Inhalation of high concentrations of vapour may cause irritation of eyes, nose and throat, headache, nausea, and dizziness
Ingestion	Not for ingestion. May cause low order toxicity — irritation of the stomach and intestines resulting in nausea and vomiting. Seek medical attention if swallowed.
Aspiration Hazard	Classified as Aspiration Hazard Category 1 — May be fatal if swallowed and enters airways
Carcinogenicity	No component is listed as a carcinogen by IARC, NTP, OSHA, or ACGIH
Reproductive Toxicity	No adverse effects on reproduction are known

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Very toxic to aquatic organisms with long-lasting effects. Classified as Aquatic Chronic Category 1 (H410) MSDS provides no ecological data. Avoid any pollution of ground, surface, or underground water.
Persistence & Biodegradability	No data available
Bioaccumulation Potential	No data available
Mobility in Soil	The product must not enter surface water or groundwater. Dilute with water to the product after collection
Other Effects	Do not allow product to enter drains, sewers, or natural waterways. MSDS identifies product as environmentally hazardous substance/marine pollutant.

SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, provincial (Alberta), and federal Canadian regulations. The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal. Do not discharge to sewer systems. Check with local municipal authority to ensure compliance.

Contaminated Packaging: Triple-rinse containers (or equivalent) 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 possible for combustible packaging materials.

SECTION 14 — TRANSPORT INFORMATION

TDG Canada (Land)	UN1197 — Extracts, Liquid — Class 3 — Packing Group III
UN Number	1197
Proper Shipping Name	Extracts, Liquid
Hazard Class	3 — Flammable Liquid
Packing Group	III
US DOT (Land)	UN1197 — Extracts, Liquid — Class 3 — PG III
IMO/IMDG (Sea)	UN1197 — Extracts, Liquid — Class 3 — PG III. Marine pollutant status: confirm with carrier given H410 aquatic chronic classification.
IATA (Air)	UN1197 — Extracts, Liquid — Class 3 — PG III
Marine Pollutant	Likely yes — H410 (Aquatic Chronic Cat. 1) classification indicates marine pollutant potential. MSDS flags environmental hazard/marine pollutant.
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. 3), Aspiration Hazard (Cat. 1), Skin Sensitization (Cat. 1B), Aquatic Chronic (Cat. 1).
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SARA 302 Components	No chemicals in this material are subject to SARA Title III, Section 302 reporting requirements
SARA 311/312 Hazards	No SARA Hazards identified
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: 1 Fire: 1 Reactivity: 0
HMIS Rating	Health: 1 Flammability: 1 Physical Hazard: 0

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-260129, Lot BR-260129

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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