



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

Evening Primrose Carrier Oil — Refined | GHS / WHMIS 2015 Compliant | Version 1.0

Issue Date: May 23, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Evening Primrose Carrier Oil — Refined
Botanical Name	<i>Oenothera biennis</i>
INCI Name	Oenothera Biennis Oil
CAS Number	90028-66-3
EINECS Number	289-859-2
Lot Number	BR-260120
Report Number	BR-260126
Batch Date	Jan. 20, 2026
Product Use	Cosmetic carrier oil for topical skin care applications
Country of Origin	China
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 CLASSIFICATION

NOT CLASSIFIED AS HAZARDOUS under GHS / WHMIS 2015.

Signal Word	Not applicable
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Hazard Statement(s)	Not applicable
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Precautionary Statement(s)	Not applicable
HNOC	None identified by either source
Pictogram(s)	None required

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EINECS Number	Concentration
Oenothera Biennis Oil (Evening Primrose Oil, Refined)	90028-66-3	289-859-2	≤100%
Note: Full constituent breakdown (GC/MS analysis) is currently in process and will be uploaded when it is available.			

SECTION 4 — FIRST AID MEASURES

Eye Contact	Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	Remove contaminated clothing. Wash affected area thoroughly with soap and water. Seek medical attention if irritation persists.
Inhalation	If inhaled, remove person to fresh air immediately. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention or contact a local poison control centre.
Note to Physician	Treat symptomatically. No specific antidote known.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam. Dry powder. Carbon dioxide (CO ₂). Alcohol-resistant foam.
Unsuitable Extinguishing Media	Direct water spray or water jet on burning material.
Flash Point	250°C / 482°F
Special Fire Fighting Procedures	Wear self-contained breathing apparatus and full protective clothing. Use water spray or fog for cooling exposed containers. Avoid inhalation of combustion vapours.
Hazardous Decomposition Products	In case of fire, hazardous fumes and carbon oxides may be produced.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid breathing vapours, mist, or gas. Provide adequate ventilation. Wear appropriate protective equipment as described in Section 8.
Environmental Precautions	Prevent entry into drains, sewers, waterways, or onto the ground. Notify authorities if product enters sewers or public waters.
Methods for Containment & Clean-Up	Absorb spill with an inert, non-combustible absorbent material (e.g., dry lime, sand, or soda ash). Place in covered containers and dispose of in accordance with local regulations. Clean up spills promptly.

SECTION 7 — HANDLING AND STORAGE

Handling	
Precautions for Safe Handling	No direct lighting. No smoking. Use in accordance with good industrial hygiene and safety procedures. Keep containers leak-proof, closed, and dry. 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	
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are 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 sources of ignition.
Air / Light Sensitivity	Protect from direct light. Sensitive to oxidation with atmospheric oxygen, which may lead to formation of free fatty acids; use airtight containers.
Incompatibilities	Strong oxidizing agents.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values	
Occupational Exposure Limits	Vegetable oil mists (TWA): 10 mg/m ³ over 8 hours
Engineering Controls	
Ventilation	Ensure adequate local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Engineering controls preferred over personal protective equipment.
Personal Protective Equipment	
Eye Protection	Use tightly sealed safety goggles tested and approved under appropriate government standards (e.g. NIOSH or EN 166).
Hand Protection	Handle with chemical-resistant gloves. Inspect gloves prior to use. Dispose of contaminated gloves after use in accordance with applicable laws.
Skin / Body Protection	Wear impervious or solvent-resistant clothing where splashing is likely. Select protective equipment type based on concentration and amount of product at the specific workplace.

Respiratory Protection	Not required under normal use if good ventilation is maintained. For nuisance exposures, use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges.
Hygiene Measures	Follow good personal hygiene practices at all times when working with oils and chemicals.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Slight yellow to golden yellow liquid
Odour	Odourless
Flash Point	250°C / 482°F
Relative Density	0.9180 (Lot BR-260120 CoA) / Ref range: 0.9150–0.9350
Refractive Index (20°C)	1.4730 (Lot BR-260120 CoA) / Ref range: 1.472–1.483
Volatile Matter	0.10% (Lot BR-260120 CoA) / ≤0.20% — Conform
Peroxide Value	1.50% (Lot BR-260120 CoA) / ≤10% — Conform
Palmitic Acid (%)	4.91% (Lot BR-260120 CoA) / 4–8% — Conform
Stearic Acid (%)	2.19% (Lot BR-260120 CoA) / 0.5–3% — Conform
Oleic Acid (%)	10.82% (Lot BR-260120 CoA) / 4–15% — Conform
Linoleic Acid (%)	80.00% (Lot BR-260120 CoA) / 66–82% — Conform
γ-Linolenic Acid (%)	8.00% (Lot BR-260120 CoA) / 7–13% — Conform
Initial Boiling Point	300°C / 572°F
Solubility in Water	Soluble in oil. Insoluble in water

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	Susceptible to oxidation with atmospheric oxygen with possible formation of free fatty acids
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Avoid sparks, open flame, and other heat sources. Avoid prolonged exposure to air and light.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides and hazardous fumes may be produced at extreme heat or if burned.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	Not available.
Skin Contact	Adverse skin effects should be prevented by normal care and personal hygiene. No GHS skin irritation classification assigned by either source.
Eye Contact	Possible mild irritation; prevent by wearing safety glasses.
Inhalation	No specific hazard identified under normal use conditions.
Ingestion	No specific data available. Seek medical attention if large quantities are ingested.
Skin Sensitization	No data available
Carcinogenicity	No component of this product present at levels $\geq 0.1\%$ is identified as a known, probable, or possible human carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Avoid any pollution of ground, surface, or underground water.
Marine Pollutant Status	Not designated as a marine pollutant by either source.
Persistence & Biodegradability	Readily biodegradable
Bio-accumulative Potential	Not available
Mobility in Soil	Not available
PBT / vPvB Assessment	Not available

SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal Methods	Collect and dispose of waste product at an authorized disposal facility in accordance with all applicable local, provincial, and federal regulations in Alberta and Canada. Check with the local municipal authority to ensure compliance. Surplus and non-recyclable solutions should be offered to a licensed disposal company. Product and packaging remainders must not be allowed to enter soil or waterways. Dispose of contaminated packaging as unused product.
Waste Codes	Consult applicable Alberta Environmental Protection and Enhancement Act (EPEA) regulations and Transport of Dangerous Goods (TDG) Act requirements for proper waste classification.

SECTION 14 — TRANSPORT INFORMATION

UN Number	Not regulated
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Proper Shipping Name	Not regulated
Transport Hazard Class	Not regulated
Packing Group	Not applicable
DOT (Land)	Not regulated
IMO-IMDG (Sea)	Not regulated
IATA (Air)	Not regulated
Marine Pollutant	Not designated

SECTION 15 — REGULATORY INFORMATION

WHMIS 2015	This product is not classified as a controlled product under Canada's Workplace Hazardous Materials Information System (WHMIS 2015) / Hazardous Products Regulations.
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 311/312 Hazards	No SARA hazards identified.
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
NFPA Rating	Health: 0 Fire: 0 Reactivity: 0
HMIS Rating	Health: 0 Chronic Health: 0 Flammability: 0 Physical Hazard: 0

SECTION 16 — OTHER INFORMATION

Version	1.0
Issue Date	May 23, 2026
Prepared By	Navy Heart Essential Oils
Source Documents	Supplier MSDS CoA Lot BR-260120, Report BR-260126

Revision History

Version	Date	Summary of Changes
1.0	May 23, 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).