



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

Vitamin E Oil | GHS / WHMIS 2015 Compliant | Version 1.0

Issue Date: May 24, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Vitamin E Oil
INCI Name	Tocopherol
Chemical Formula	$C_{29}H_{50}O_2$
CAS Number	10191-41-0
EC (EINECS) Number	233-466-0
Lot / Batch Number	BR-260120
Report Number	BR-260122
Batch Date	Jan. 20, 2026
Country of Origin	China
Product Use	Cosmetic active / antioxidant additive for personal care formulations. Not for internal 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 Classification: NOT CLASSIFIED AS HAZARDOUS

Vitamin E oil is not classified as a hazardous substance or mixture under GHS/WHMIS 2015.

Signal Word	Not applicable
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Hazard Statements	Not applicable.
Precautionary Statements	Not applicable under GHS/WHMIS 2015. Standard good handling practices apply — see Sections 7 and 8.
Hazards Not Otherwise Classified (HNOC)	No data available

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EINECS Number	Concentration
Vitamin E Oil (dl-alpha-tocopherol)	10191-41-0	233-466-0	≤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

General Advice	Consult a physician. Show this SDS to the attending doctor. Move affected person out of dangerous area.
If Inhaled	Remove person to fresh air. If not breathing, administer artificial respiration. Seek medical attention if symptoms appear.
Skin Contact	Wash off with soap and plenty of water. Remove contaminated clothing. Seek medical attention if irritation occurs.
Eye Contact	Immediately flush eyes with plenty of cool water for at least 15 minutes. Seek medical attention if irritation occurs.
If Swallowed	Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention. Note: this product is not for ingestion.
Note to Physician	Symptomatic and supportive treatment. No known acute toxicity.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Small fire: dry chemical powder. Large fire: water spray, fog, or foam. Also: alcohol-resistant foam and carbon dioxide (CO ₂).
Unsuitable Extinguishing Media	Water jet
Flash Point	113°C / 235°F closed cup
Special Fire Fighting Procedures	Wear self-contained breathing apparatus (SCBA) and full protective clothing. Use water spray or fog for cooling exposed containers.
Specific Hazards	Combustible at elevated temperatures. Hazardous decomposition products may form at extreme heat or if burned.
Combustion Products	Carbon oxides

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Equip clean crew with proper protection. Avoid breathing vapours, mist, or gas. Respiratory protection equipment may be necessary. See Section 8.
Environmental Precautions	Prevent entry to sewers and public waters. Do not let product enter drains. Notify authorities if product enters sewers or public waters.
Containment & Cleanup	Clean up spills as soon as possible using an absorbent material. Place in suitable, closed containers for disposal per Section 13.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	No direct lighting. No smoking. 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. Handle in accordance with good industrial hygiene and safety procedures.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Provide local exhaust or general room ventilation. Keep container closed when not in use.
Recommended Storage Temperature	Store at room temperature (15–25°C) for normal use. For extended shelf life, store in a refrigerated environment (2–5°C)
Air Sensitivity	Air sensitive — protect from exposure to ambient oxygen to prevent oxidation
Light Sensitivity	Light sensitive — protect from exposure to light
Incompatibilities	Strong oxidizing agents.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	No substances with occupational exposure limit values are present.
Engineering Controls	Use adequate ventilation to keep airborne concentrations low. Handle in accordance with general industrial hygiene practice.
Eye / Face Protection	Use tightly sealed goggles. Equipment tested and approved under NIOSH (US) or EN 166 (EU).
Skin Protection	Handle with nitrile rubber gloves: ≥0.11 mm thick, breakthrough time 480 min (full and splash contact) (Dermatril® KCL 740, EN374). Wear impervious protective clothing.
Respiratory Protection	Respiratory protection not required under normal conditions. For nuisance exposures, use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. A respiratory protection program meeting OSHA 29 CFR 1910.134 and ANSI Z88.2 or EN 149 must be followed when workplace conditions warrant.
Environmental Controls	Do not let product enter drains.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous light yellow oily liquid
Odour	Mild odour
Flash Point	113°C / 235°F closed cup
Boiling Point	200–220°C at 0.1 hPa
Melting / Freezing Point	2.5°C to 3.5°C
Relative Density (20°C)	0.95 g/mL @ 20°C.
dl-Alpha-Tocopherol	98.5 g/100g (Lot BR-260120 CoA) / Standard: 96–102 — Conform
Optical Rotation	+0.00° (Lot BR-260120 CoA) / Standard: -0.01° to +0.01° — Conform
Total Impurity	0.30% (Lot BR-260120 CoA) / Limit: ≤2.5% — Conform
Heavy Metals	Conforms (Lot BR-260120 CoA) / Limit: max. 10 mg/kg — Conform
Solubility	Insoluble in water
Viscosity	Viscous

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazard.
Chemical Stability	Stable under recommended storage conditions (-20°C, dark, airtight).
Hazardous Reactions	Hazardous polymerization will not occur
Conditions to Avoid	Avoid exposure to air (oxidation risk). Avoid exposure to light. Avoid sparks, flames, and other heat sources.
Incompatible Materials	Strong oxidizing agents.
Decomposition Products	Carbon oxides upon combustion. Long-term degradation products may arise from oxidation

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	No acute toxicity data. Product is not classified as acutely toxic under GHS. Chemical, physical, and toxicological properties have not been thoroughly investigated.
Skin Irritation	Adverse skin effects should be prevented by normal care and personal hygiene. Not classified as a skin irritant under GHS.
Eye Irritation	Possible irritation — wear safety glasses to prevent. Not classified as an eye irritant under GHS.
Skin Sensitization	No data available

Inhalation	No data available
Ingestion	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	No component at $\geq 0.1\%$ is identified as a carcinogen by IARC, ACGIH, NTP, or OSHA
RTECS Number	GA8746000

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	No ecotoxicity data available from either source. Avoid any pollution of ground, surface, or underground water
Persistence & Biodegradability	Possible hazardous short-term degradation products are not likely. Long-term degradation products may arise
Bioaccumulation Potential	Not available
Mobility in Soil	Not available
Other Adverse Effects	Prevent entry into sewers and public waters. Do not let product enter drains.

SECTION 13 — DISPOSAL CONSIDERATIONS

Offer surplus and non-recyclable material to a licensed disposal company. Dispose of product in accordance with local, provincial (Alberta), and federal Canadian regulations. Do not discharge to sewer systems. Check with local municipal authority to ensure compliance.

Contaminated Packaging	Dispose of as unused product in compliance with local regulations.
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SECTION 14 — TRANSPORT INFORMATION

TDG Canada (Land)	Not regulated
US DOT (Land)	Not dangerous goods
IMO/IMDG (Sea)	Not dangerous goods
IATA (Air)	Not dangerous goods
Marine Pollutant	No
Poison Inhalation Hazard	No

SECTION 15 — REGULATORY INFORMATION

WHMIS 2015 (Canada)	This SDS complies with Canada's Hazardous Products Regulations (WHMIS 2015). Vitamin E oil is not classified as a controlled product under WHMIS 2015. No GHS hazard classifications apply.
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
SARA 313 Components	This material does not contain chemicals with known CAS numbers exceeding De Minimis reporting levels
NFPA Rating	Health: 0 Fire: 1 Reactivity: 0
HMIS Rating	Health: 0 Flammability: 1 Physical Hazard: 0

SECTION 16 — OTHER INFORMATION

SDS Version	1.0
Issue Date	May 24, 2026
Prepared By	Navy Heart Essential Oils, Calgary, Alberta, Canada
Source Documents	Supplier MSDS CoA Report No. BR-260122, Lot BR-260120

Version	Date	Summary of Changes
1.0	May 24, 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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