



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

Grapeseed Carrier Oil (Refined / RBD) | GHS / WHMIS 2015 Compliant | Version 1.0

Issue Date: May 23, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Grapeseed Carrier Oil - Refined
Botanical Name	Vitis vinifera
INCI Name	Vitis Vinifera Seed Oil
CAS Number	8024-22-4
EINECS Number	232-455-8
Lot Number	BR-260120
Report Number	BR-260122
Batch Date	Jan. 20, 2026
Country of Origin	China
Product Use	Carrier oil for 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 Classification: NOT CLASSIFIED AS HAZARDOUS

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

Signal Word: Not applicable

Hazard Statements: Not applicable.

Precautionary Statements: None required. Standard good handling practices apply — see Sections 7 and 8.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EINECS Number	Concentration
Vitis Vinifera Seed Oil (grapeseed, refined)	8024-22-4	232-455-8	≤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 if necessary. Move affected person out of dangerous area.
If Inhaled	Remove from exposure area to fresh air. Seek medical attention if discomfort occurs.
Skin Contact	Product is non-toxic. Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if discomfort continues.
Eye Contact	Flush eyes with plenty of cool water for at least 15 minutes. Seek medical attention if irritation continues.
If Swallowed	Product is non-toxic. Rinse mouth and drink plenty of water. Do NOT induce vomiting. Seek medical attention if large quantities ingested.
Note to Physician	Symptomatic and supportive treatment. Product is not expected to present acute hazard under normal conditions.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide (CO ₂), dry chemical powder, chemical foam
Unsuitable Extinguishing Media	Do not use direct water jet on burning material
Flash Point	280°C / 536°F
Special Hazards	In case of fire, hazardous fumes may be produced
Combustion Products	Carbon oxides and irritating fumes under fire conditions
Protective Equipment	SCBA and full protective clothing in case of fire. Cool containers with water spray.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Remove sources of ignition. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Wear appropriate PPE.
Environmental Precautions	Do not discharge into drains, watercourses, or onto the ground. Notify authorities if product enters sewers or public waters.
Containment & Cleanup	Cover with inert, non-combustible absorbent material (e.g. dry lime, sand). Place in covered containers and dispose of per applicable regulations.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	No direct lighting. No smoking. Avoid inhalation of vapours and contact with skin and eyes. Use non-sparking tools. Prevent electrostatic discharge. Wash hands with mild soap and water after handling.
Storage Conditions	Store in cool (5°C) and well-ventilated environment in closed glass or aluminium containers. Do not store at high temperatures. Keep away from sources of ignition. Keep container closed when not in use.
Incompatibilities	Strong oxidizing agents

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	No established OEL for grapeseed oil under Alberta OHS Regulation or NIOSH at the time of issue.
Engineering Controls	Adequate ventilation. Personnel segregation and mechanical ventilation preferred. General industrial hygiene practice.
Eye / Face Protection	Approved safety glasses / tightly sealed goggles (both sources).
Skin Protection	Chemical-resistant gloves. Wear solvent-resistant overalls in case of splashing.
Respiratory Protection	No special measures required with good ventilation. Use approved respirator if vapour concentration becomes elevated
Environmental Controls	Avoid discharging into drainage water.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light yellow oil liquid
Odour	Light characteristic aroma
Flash Point	280°C / 536°F
Boiling Point	No data available
Melting Point / Freezing Point	No data available
Relative Density (20°C)	0.920 (Lot BR-260120 CoA) / Ref range: 0.920–0.926
Refractive Index (20°C)	1.475 (Lot BR-260120 CoA) / Ref range: 1.467–1.477
Iodine Value	129 (Lot BR-260120 CoA) / Ref range: 124–143
Acid Value	0.6 mg KOH/g (Lot BR-260120 CoA) / Limit: ≤3.0 — Conform
Saponification Value	189 mg KOH/g (Lot BR-260120 CoA) / Ref range: 188–194
Solubility	Soluble in oil. Insoluble in water
Light / Heat Sensitivity	Protect against sun/light and heat

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazard
Chemical Stability	Stable under normal storage and handling conditions
Hazardous Reactions	Hazardous polymerization will not occur
Conditions to Avoid	Do not store at high temperatures. Avoid sparks, flames, and other heat sources
Incompatible Materials	Strong oxidizing agents. Combustible materials may give rise to hazardous fumes
Decomposition Products	Under fire conditions: mixture of irritating fumes and smoke

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	Not classified as hazardous for human health — no toxicological effects to be mentioned. A non-toxic product.
Skin Irritation	Non-toxic product — no skin irritation expected.
Skin Sensitization	No data available
Eye Contact	No formal eye hazard classification
Inhalation	Not expected under normal conditions
Ingestion	Non-toxic product
Aspiration Hazard	No data available
Carcinogenicity	Does not contain colorants, preservatives, or UV filters. Not included in list of substances prohibited in cosmetic products (EU Regulation 1223/2009)

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Not classified as hazardous for the environment. Use according to good working practice and do not release to the environment
Persistence & Biodegradability	During natural decomposition no dangerous products are developed
Bioaccumulation Potential	Not bio-accumulative
Mobility in Soil	Not available
Other Effects	Do not allow product to enter streams, sewers, or other waterways.

SECTION 13 — DISPOSAL CONSIDERATIONS

Collect and dispose of waste product at an authorized disposal facility. Product remainders should not intrude into soil or waters. Dispose of in accordance with local, provincial (Alberta), and federal Canadian regulations. Check with local municipal authority to ensure compliance.

Contaminated Packaging: Triple-rinse containers and offer for recycling, or dispose of as unused product in compliance with local regulations.

SECTION 14 — TRANSPORT INFORMATION

TDG Canada (Land)	Not regulated
US DOT (Land)	Not regulated
IMO/IMDG (Sea)	Not regulated
IATA (Air)	Not regulated
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). Grapeseed oil is not classified as a controlled product under WHMIS 2015.
SARA 302 Components	No chemicals subject to SARA Title III, Section 302 reporting requirements
SARA 311/312 Hazards	No SARA Hazards
SARA 313 Components	No SARA Hazards

SECTION 16 — OTHER INFORMATION

SDS Version	1.0
Issue Date	May 23, 2026
Prepared By	Navy Heart Essential Oils, Calgary, Alberta, Canada
Source Documents	Supplier MSDS CoA Report No. BR-2601, Lot BR-260120

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).

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