



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

Avocado Carrier Oil | GHS / WHMIS 2015 Compliant | Version 1.1

Issue Date: May 23, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Avocado Oil
Botanical Name	Persea Gratissima
INCI Name	Persea Gratissima Oil
CAS Number	8024-32-6
EC Number	232-428-0
Lot Number	BR-250421
Report Number	BR-250426
Batch Date	Jan. 20, 2026
Country of Origin	Mexico
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

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

Signal Word: Not applicable

Hazard Statements: Not applicable.

Precautionary Statements: Not applicable under GHS/WHMIS 2015. Standard good handling practices apply — see Sections 7 and 8.

Hazard Otherwise Not Classified (HNOC): May cause mild skin irritation with prolonged contact. May cause eye irritation. Ingesting large amounts may cause nausea and vomiting.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Concentration
Persea Gratissima Oil (avocado)	8024-32-6	232-428-0	≤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	Remove contaminated clothing. Wash area thoroughly with soap and water. Seek medical attention if irritation persists.
Eye Contact	Immediately flush eyes with plenty of cool water for at least 15 minutes. Seek medical attention if irritation occurs.
If Swallowed	Do not give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if you feel unwell.
Note to Physician	Symptomatic and supportive treatment. Not classified as a skin irritant under GHS; treat any reported irritation symptomatically.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry powder, carbon dioxide (CO ₂)
Unsuitable Extinguishing Media	Water spray, water jet. Do not use water in open deposits
Flash Point	214°C / 417°F
Special Hazards	Combustible liquid. Carbon oxides may be produced.
Combustion Products	Carbon oxides (both sources).
Protective Equipment	Wear SCBA and full chemical protective gear. Use water spray or fog for cooling exposed containers.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use PPE. Avoid breathing vapours, mist, or gas. Ensure adequate ventilation.
Environmental Precautions	Prevent entry to sewers and public waters. Do not let product enter drains.
Containment & Cleanup	Add absorbents (e.g. earth, sand). Soak up with inert absorbent material and dispose of per local regulations. Reference Section 13.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	No direct lighting. No smoking. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety procedures.
Storage Conditions	Store in original containers. Keep containers securely sealed. Metal cans or drums recommended (food grade) or plastic containers. Avoid air contact — enables degradation of the product. Store in a cool, dry, well-ventilated area.
Recommended Storage Temperature	Cool conditions — low temperature extends shelf life
Incompatibilities	Strong oxidizing agents

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	No specific OELs established for avocado oil by NIOSH, OSHA, or ACGIH. As a general principle for mineral/vegetable oil mists, NIOSH's generic oil mist REL is TWA 5 mg/m ³ — provided for reference only, not a substance-specific limit for avocado oil.
Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at end of workday.
Eye / Face Protection	Safety glasses with side-shields conforming to EN 166 (EU) or NIOSH (US).
Skin Protection	General-purpose gloves (e.g., nitrile) recommended for prolonged or repeated handling to prevent skin dryness/defatting with extended contact. Not required for incidental contact given non-hazardous classification.
Respiratory Protection	Full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) cartridges where indicated. Supplied air respirator if sole means of protection.
Environmental Controls	Do not let product enter drains or waterways.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear - Pale yellow liquid
Odour	Characteristic odour
Flash Point	214°C / 417°F
Boiling Point	>350°C / >662°F
Melting Point / Freezing Point	No data available
Relative Density (20°C)	0.9160 (Lot BR-250421 CoA) / Ref range: 0.910–0.925
Refractive Index (20°C)	1.4720 (Lot BR-250421 CoA) / Ref range: 1.468–1.476
Solubility	Insoluble in water
Vapour Pressure	No data available

Air Sensitivity	Avoid air contact — enables degradation of the product
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SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazard
Chemical Stability	Chemically stable under recommended storage conditions
Hazardous Reactions	Hazardous polymerization will not occur
Conditions to Avoid	Avoid sparks, flames, and other heat sources. Avoid air contact (promotes degradation)
Incompatible Materials	Strong oxidizing agents
Decomposition Products	Carbon oxides under fire conditions

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	No data available
Skin Irritation	No data available
Skin Sensitization	No data available
Eye Contact	No data available
Inhalation	No data available
Ingestion	No data available
Aspiration Hazard	No data available
Carcinogenicity	No component at ≥0.1% identified as a carcinogen by IARC, NTP, or OSHA
RTECS Number	CL2680000

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Avoid any pollution of ground, surface, or underground water
Persistence & Biodegradability	This product is biodegradable
Bioaccumulation Potential	Not available
Mobility in Soil	Not available
Other 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: 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 marine pollutant designation
Poison Inhalation Hazard	No

SECTION 15 — REGULATORY INFORMATION

WHMIS 2015 (Canada)	This SDS complies with Canada's Hazardous Products Regulations (WHMIS 2015). Avocado is not classified as a controlled product under WHMIS 2015. No GHS hazard classifications apply.
SARA 302 Components	No chemicals subject to SARA Title III, Section 302 reporting requirements
SARA 311/312 Hazards	No SARA Hazards
SARA 313 Components	Not applicable
NFPA Rating	Health: 0 Fire: 0 Reactivity: 0
HMIS Rating	Health: 0 Flammability: 0 Physical Hazard: 0

SECTION 16 — OTHER INFORMATION

SDS Version	1.1
Issue Date	May 23, 2026
Prepared By	Navy Heart Essential Oils, Calgary, Alberta, Canada
Source Documents	Supplier MSDS CoA Report No. BR-250426, Lot BR-250421

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).