



Navy Heart Essential Oils

Calgary, Alberta, Canada

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SAFETY DATA SHEET (SDS)

Argan Carrier Oil | GHS / WHMIS 2015 Compliant | Version 1.0

Issue Date: May 24, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Argan Oil
Botanical Name	Argania spinosa
INCI Name	Argania Spinosa Kernel Oil
CAS Number	223747-87-3
EC Number	Not listed
Lot Number	BR-250421
Report Number	BR-250420
Batch Date	Jan. 20, 2026
Country of Origin	Morocco
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

Argan 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.
Hazards Not Otherwise Classified (HNOC)	May cause mild eye irritation. Avoid prolonged skin contact. Not expected to be an inhalation hazard under normal conditions of use.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EINECS Number	Concentration
Argania Spinosa Kernel Oil (Argan Oil)	223747-87-3	Not listed	≤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 any symptoms persist. Show this SDS to the attending doctor. Move affected person out of dangerous area if necessary.
If Inhaled	Remove person to fresh air. 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. Remove contact lenses if present. Seek medical attention if irritation occurs.
If Swallowed	Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately.
Note to Physician	Symptomatic and supportive treatment. No known acute toxicity.

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	>250°C / 482°F
Boiling Point	>300°C / 572°F
Special Fire Fighting Procedures	Avoid inhalation of vapours. Wear self-contained breathing apparatus (SCBA) and full protective clothing in case of fire. Containers may be cooled with water spray to avoid pressure increase.
Specific Hazards	In case of fire, hazardous decomposition fumes may be produced. Carbon oxides may be formed upon combustion.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Remove sources of ignition. Ensure adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Wear protective clothing as described in Section 8.
Environmental Precautions	Do not discharge into drains, watercourses, or onto the ground. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or waterways.
Containment & Cleanup	Cover with an inert, inorganic, non-combustible absorbent material (e.g., dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local regulations — see Section 13.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	Avoid heating above 60°C (cosmetic use). Use in accordance with good industrial/laboratory procedures. Keep containers leak-proof, closed, and dry. Protect against sunlight, heat, and open flame. Prevent spills and leakages. Avoid inhalation of vapours and contact with skin and eyes. Wash hands thoroughly after handling.
Storage Conditions	Store in a cool (5°C) and well-ventilated environment in closed glass or aluminium containers. Keep away from sources of ignition.
Light / Air Sensitivity	Protect from direct light and heat to prevent oxidation and degradation.
Incompatibilities	Strong oxidizing agents. Avoid exposure to ambient oxygen at elevated temperatures.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	No specific OELs established for argan oil by NIOSH, OSHA, or ACGIH. Apply general principles for oil mist: NIOSH REL (oil mist) TWA 5 mg/m ³ .
Engineering Controls	Engineering methods to prevent or control exposure are preferred. Methods include personnel segregation, mechanical ventilation, and control of process conditions. Ensure adequate ventilation.
Eye / Face Protection	Wear approved safety glasses. Use tightly sealed goggles where splash risk exists.
Skin Protection	Wear protective (chemical resistant) gloves. Wear protective clothing in case of splashing.
Respiratory Protection	No special measures required providing good ventilation is maintained. If vapour concentration becomes high, use an approved respirator.
Environmental Controls	Avoid discharging into drainage water or waterways.
General Hygiene	Good personal hygiene practices are always advisable, especially when working with oils. Wash hands before breaks and at end of workday.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale yellow to golden yellow liquid
Odour	Light nutty aroma
Flash Point	>250°C / 482°F
Boiling Point	>300°C / 572°F
Melting / Freezing Point	No data available
Relative Density (20°C)	0.913 (Lot BR-250421 CoA) / Ref range: 0.908–0.925
Refractive Index (20°C)	1.47 (Lot BR-250421 CoA) / Ref range: 1.463–1.479
Peroxide Value	2.76 mEq/kg (Lot BR-250421 CoA) / Limit: ≤10.0 — Conform
Iodine Value	97 g I ₂ /100g (Lot BR-250421 CoA) / Ref range: 80.0–109.0 — Conform
Acid Value	0.83 mg KOH/g (Lot BR-250421 CoA) / Limit: ≤4.0 — Conform
Unsaponifiable Matter	1.0% (Lot BR-250421 CoA) / Limit: ≤1.0% — Conform
Solubility	Soluble in alcohol and oils. Insoluble in water.
Vapour Pressure	No data available
Viscosity	Typical light to medium carrier oil viscosity.

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazard.
Chemical Stability	Stable under normal storage and handling conditions. Chemically stable.
Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Avoid sparks, flames, open heat sources, and direct sunlight. Avoid heating above 60°C (cosmetic use) — risk of degradation and oxidation.
Incompatible Materials	Combustible — may give rise to hazardous fumes. Avoid contact with strong oxidizing agents.
Decomposition Products	Carbon oxides may be formed upon combustion.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	Product is not classified as acutely toxic under GHS.
Skin Irritation	Non-irritating. Not classified as a skin irritant under GHS.
Eye Irritation	Non-irritating. Not classified as an eye irritant under GHS. Standard protective eyewear recommended.

Skin Sensitization	No data available
Inhalation	No known acute effect under normal conditions of use
Ingestion	No known acute effect under normal conditions of use. Seek medical attention if significant amounts are swallowed.
Germ Cell Mutagenicity	Non-mutagenic
Carcinogenicity	No component of this material is listed as a carcinogen by IARC, ACGIH, NTP, or OSHA
Reproductive Toxicity	No adverse effects on reproduction are known

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	No data regarding ecotoxicity; however, this product may be potentially dangerous for the environment. Avoid any pollution of ground, surface, or underground water.
Persistence & Biodegradability	Completely biodegradable but rich in BOD (biochemical oxygen demand)
Bioaccumulation Potential	Not available
Mobility in Soil	Not available
Other Adverse Effects	Do not allow product to enter streams, sewers, or other waterways.

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.
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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). Argan 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: 0 Reactivity: 0
HMIS Rating	Health: 0 Flammability: 0 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-250420, Lot BR-250421

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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