



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

Fractionated Coconut Carrier Oil (MCT) | GHS / WHMIS 2015 Compliant | Version 1.0
Issue Date: May 24, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Fractionated Coconut Carrier Oil (MCT / Caprylic-Capric Triglycerides)
Botanical Name	Cocos nucifera
INCI Name	Caprylic/Capric Triglycerides
CAS Number	73398-61-5
EC (EINECS) Number	277-452-2
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

Fractionated coconut oil (MCT) 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)	May cause mild skin irritation with prolonged contact (48h) May cause mild eye irritation

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EINECS Number	Concentration
Fractionated Coconut Oil (Caprylic/Capric Triglycerides)	73398-61-5	277-452-2	≤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

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. Consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician if irritation occurs.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes. Keep eyelid open during rinsing. Consult a physician.
If Swallowed	Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical advice. Caution if victim vomits — risk of aspiration.
Note to Physician	Symptomatic and supportive treatment. No known acute toxicity.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry chemical powder, carbon dioxide (CO ₂), sand
Unsuitable Extinguishing Media	High power water jet
Flash Point	>113°C / 235°F closed cup
Boiling Point	313°C / 595°F
Special Fire Fighting Procedures	Wear self-contained breathing apparatus (SCBA) and chemical resistant suit. Do not allow water used to extinguish fire to enter drains or waterways. In case of fire and/or explosion do not breathe fumes.
Specific Hazards	Pyrolysis products may be toxic in case of fire. Hazardous decomposition products may form at extreme heat or if burned.

Combustion Products	Carbon dioxide (CO ₂) and carbon monoxide.
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SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Avoid breathing vapours, mist, or gas. Ensure adequate ventilation. Wear respiratory protection when in the presence of vapour or aerosols. Note: high slip hazard due to spilled oil.
Environmental Precautions	Do not let product enter drains or the aquatic environment. Do not allow to enter soil/subsoil. Retain contaminated washing water and dispose properly.
Containment & Cleanup	Absorb with inert absorbent material (organic absorbent, sand). Remove mechanically and place in appropriate containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations. See Section 13.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use only in well-ventilated areas. Keep away from sources of ignition. Do not eat, drink, smoke, or sneeze at the workplace. Usual measures for fire prevention.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Keep/store only in original container. Keep packaging dry and well sealed to prevent contamination and absorption of dampness. Ensure adequate ventilation of the storage area.
Incompatibilities	Strong oxidizing agents. Strong reducing agents. Concentrated alkalis. Concentrated acids.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	Fractionated coconut oil (CAS 8001-31-8): TWA 10 mg/m ³ and TWA 5 mg/m ³ (USA NIOSH Recommended Exposure Limits)
Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at end of workday. Organize work processes to exclude inhalation, skin contact, and eye contact.
Eye / Face Protection	Safety glasses with side-shields conforming to EN 166 / NIOSH. Tightly sealed safety glasses or eye shade where splash risk exists.
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. Inspect gloves prior to use.
Respiratory Protection	In case of formation of dust, aerosol, or mist: use full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) cartridges. If respirator is sole means of protection, use a full-face supplied air respirator.
Environmental Controls	Do not let product enter drains.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless oily liquid
Odour	Soft aroma of coconut
Flash Point	>113°C / 235°F closed cup
Boiling Point	313°C / 595°F
Relative Density (20°C)	0.937 (Lot BR-260120 CoA) / Ref range: 0.920–0.960 g/mL
Refractive Index (20°C)	1.452 (Lot BR-260120 CoA) / Ref range: 1.440–1.470
Iodine Value (Wijs)	8.1 (Lot BR-260120 CoA) / Ref range: 7.5–10.5 — Conform
Saponification Value	328 (Lot BR-260120 CoA) / Ref range: 325–345 — Conform
Unsaponifiables Content	0% (Lot BR-260120 CoA) / Limit: <0.5% — Conform
Unsaturated Fatty Acid	Conformity with standard ≤ 0.5 (Lot BR-260120 CoA)
Solubility	Soluble in oil. Insoluble in water
Vapour Pressure	<0.001 hPa @ 20°C

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	Thermal decomposition can lead to the escape of irritating gases and vapours
Chemical Stability	Stable under recommended storage conditions.
Hazardous Reactions	No data available from either source.
Conditions to Avoid	Avoid sparks, flames, heat sources, and hot surfaces.
Incompatible Materials	Strong oxidizing agents. Strong reducing agents. Concentrated alkalis. Concentrated acids
Decomposition Products	Nature of decomposition products not fully known

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	Product is not classified as acutely toxic under GHS.
Skin Irritation	Mild skin irritation observed at 48 hours (human study) Standard skin protection recommended. Not classified as a skin irritant under GHS.
Eye Irritation	Mild eye irritation. Standard eye protection recommended. Not classified as an eye irritant under GHS.
Skin Sensitization	No sensitizing effects known.
Inhalation	Not expected to present significant inhalation hazard at ambient temperatures. Avoid breathing vapour or mist as a general precaution.

Ingestion	Risk of aspiration if vomiting occurs. Seek medical advice immediately if ingested.
Germ Cell Mutagenicity	No data available
Carcinogenicity	No component of this product at $\geq 0.1\%$ is identified as a carcinogen by IARC, ACGIH, NTP, or OSHA
Reproductive Toxicity	No adverse effects on reproduction are known.
RTECS Number	FI4100000

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Acute fish toxicity (LC50) >53 mg/L; Acute algae toxicity (ErC50) >0.449 mg/L; Acute crustacea toxicity (EC50) >100 mg/L. Avoid any pollution of ground, surface, or underground water.
Persistence & Biodegradability	Product is biodegradable
Bioaccumulation Potential	Not available
Mobility in Soil	Not available
Other Adverse Effects	Do not empty into drains or the aquatic environment. Do not allow to enter soil/subsoil.

SECTION 13 — DISPOSAL CONSIDERATIONS

Offer surplus and non-recyclable material to a licensed disposal company. Collect waste separately. 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	Handle contaminated packaging in the same way as the substance itself. 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). Fractionated coconut oil (MCT) 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-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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