



Navy Heart Essential Oils

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SAFETY DATA SHEET (SDS)

Cedarwood Essential Oil | GHS / WHMIS 2015 Compliant | Version 1.0

Issue Date: May 22, 2026

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name	Cedarwood Essential Oil
Botanical Name	Juniperus virginiana
INCI Name	Juniperus Virginiana Oil
CAS Number	8000-27-9
EINECS Number	289-969-0
Lot Number	260120
Report Number	BR-260126
Batch Date	January 20, 2026
Country of Origin	USA
Product Use	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 / WHMIS 2015 Classification
Skin Irritation — Category 2
Skin Sensitization — Category 1
Aspiration Hazard — Category 1
Hazardous to Aquatic Environment — Acute — Category 1
Hazardous to Aquatic Environment — Chronic — Category 1

Signal Word	DANGER
Hazard Statements	
H315 — Causes skin irritation.	
H317 — May cause an allergic skin reaction.	
H304 — May be fatal if swallowed and enters airways.	
H400 — Very toxic to aquatic life.	
H410 — Very toxic to aquatic life with long-lasting effects.	
Precautionary Statements	
P261 — Avoid breathing dust/fumes/gas/mist/vapours/spray.	
P264 — Wash skin thoroughly after handling.	
P272 — Contaminated work clothing should not be allowed out of the workplace.	
P273 — Avoid release to the environment.	
P280 — Wear protective gloves/clothing/eye protection/face protection.	
P301+P310 — IF SWALLOWED: Immediately call a Poison Centre/doctor.	
P302+P352 — IF ON SKIN: Wash with plenty of water.	
P321 — Specific treatment — do not induce vomiting (aspiration hazard).	
P331 — Do NOT induce vomiting.	
P332+P313 — If skin irritation occurs: Get medical advice/attention.	
P362+P364 — Take off contaminated clothing and wash it before reuse.	
P391 — Collect spillage.	
P405 — Store locked up.	
P501 — Dispose of contents/container in accordance with local, provincial, and federal regulations.	

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	EC Number	Concentration
Cedarwood Essential Oil (Cedrol primary constituent)	8000-27-9	289-969-0	≤100% (Cedrol 26.58% a-cedrene 23.05% (Lot 260120))

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 immediately.
If Inhaled	Move person to fresh air immediately. 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 develops or persists.
Eye Contact	Immediately flush eyes with plenty of cool water for at least 15 minutes. Remove contact lenses if present and easy to do — continue rinsing. Seek medical attention if irritation persists.
If Swallowed	Immediately call a Poison Centre/doctor. Do NOT induce vomiting — aspiration hazard. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.
Note to Physician	Symptomatic and supportive treatment recommended. Aspiration hazard — do not induce vomiting.

SECTION 5 — FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO ₂), BC-powder, sand. Use water spray or fog for cooling exposed containers.
Unsuitable Extinguishing Media	Do not use a heavy direct water stream.
Special Hazards	Combustible material. Hazardous decomposition products may form at extreme heat or if burned.
Combustion Products	Carbon monoxide, carbon dioxide, and other non-identified organic compounds may form upon combustion.
Protective Equipment	Wear self-contained breathing apparatus (SCBA) and full chemical protective gear when fighting fire involving this product.
Additional Information	Flash Point: 113°C (closed cup)

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Avoid breathing vapours, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition.
Environmental Precautions	Do not let product enter drains. Prevent entry to sewers and public waters. Notify authorities if product enters public waterways. Very toxic to aquatic life.
Containment & Cleanup	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

SECTION 7 — HANDLING AND STORAGE

Safe Handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection. No direct lighting. No smoking. Wash hands and other exposed areas with mild soap and water before eating, drinking, or leaving work. Handle in accordance with good industrial hygiene and safety procedures.
Storage Conditions	Keep container tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container closed when not in use.

Recommended Storage Temperature	Below 25°C / 77°F; refrigeration recommended for long-term storage.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.
Incompatibilities	Strong oxidizing agents. Strong acids. Strong bases.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits	NIOSH TWA: 10 mg/m ³ and 5 mg/m ³ for cedarwood oil (CAS 8000-27-9). Note: odour is inadequate to warn of overexposure.
Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Provide local exhaust or general room ventilation.
Eye / Face Protection	Safety glasses with side-shields conforming to NIOSH (US) or EN 166 (EU). Tightly sealed goggles recommended.
Skin Protection	Wear chemical-resistant gloves inspected prior to use. Use proper glove removal technique. Wear impervious clothing. Wash and dry hands after handling.
Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) cartridges. Use NIOSH (US) or CEN (EU) approved equipment.
Environmental Controls	Do not let product enter drains.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless or pale yellow to amber clear liquid
Odour	Characteristic sweet, woody cedar aroma
Flash Point	113°C / 235°F (closed cup)
Boiling Point	279°C (Lot 260120 CoA) / Ref range: 270–285°C (CoA standard)
Relative Density (25°C)	0.946 (Lot 260120 CoA) / Ref range: 0.940–0.950
Refractive Index (20°C)	1.498 (Lot 260120 CoA) / Ref range: 1.495–1.510
Optical Rotation (25°C)	–25° to –46° (Lot 260120 CoA standard)
Solubility	Soluble in 75% ethanol. Insoluble in water.
Light Sensitivity	Yes — store away from direct light

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazard under normal conditions of use.
Chemical Stability	Stable under recommended storage conditions.
Hazardous Reactions	No data available from supplier.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.

Incompatible Materials	Strong oxidizing agents. Strong acids. Strong bases.
Decomposition Products	Carbon monoxide, carbon dioxide, and fumes may form upon combustion.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity	No animal test data used. Based on known properties of cedarwood oil, this product is considered to have low acute toxicity under normal conditions of use.
Skin Irritation	Causes skin irritation. Classified as Skin Irritation Category 2 per GHS (H315).
Skin Sensitization	May cause an allergic skin reaction. Classified as Skin Sensitization Category 1 per GHS (H317).
Eye Irritation	Irritation of eye tissue possible. Prevent by wearing appropriate safety goggles.
Aspiration Hazard	May be fatal if swallowed and enters airways. Classified as Aspiration Hazard Category 1 per GHS (H304). Do not induce vomiting.
Inhalation	Irritation of the nasal mucous membranes and respiratory tract possible at high concentrations.
Ingestion	Risk of lung oedema if swallowed and aspirated. Seek immediate medical attention.
Carcinogenicity	No component at $\geq 0.1\%$ identified as a known or probable carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive Toxicity	Not classified.
Mutagenicity	Not classified.
Additional Information	RTECS: FJ1520050. Chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Very toxic to aquatic life (H400). Very toxic to aquatic life with long-lasting effects (H410). Avoid any release to ground, surface, or underground water.
Persistence and Degradability	May cause long-term adverse effects in the environment.
Bioaccumulative Potential	Not established.
Mobility in Soil	No data available.
Other Effects	Avoid release to the environment. Do not allow product to enter drains, sewers, or natural waterways.

SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, provincial (Alberta), and federal Canadian regulations. Offer surplus and non-recyclable material to a licensed professional waste disposal service. Contact a licensed professional waste disposal service to dispose of this material. Do not pour down drains, into waterways, or onto land.

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

SECTION 14 — TRANSPORT INFORMATION

UN Number	UN3082
UN Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Cedarwood oil / Alpha-cedrene)
Transport Hazard Class	9 — Miscellaneous Dangerous Goods
Packing Group	III
TDG Canada (Land)	UN3082 — Environmentally hazardous substance, liquid, n.o.s. — Class 9 — PG III
US DOT (Land)	UN3082 — Environmentally hazardous substance, liquid, n.o.s. — Class 9 — PG III
IMO/IMDG (Sea)	UN3082 — Environmentally hazardous substance, liquid, n.o.s. — Class 9 — PG III
IATA (Air)	UN3082 — Environmentally hazardous substance, liquid, n.o.s. (Alpha-cedrene) — Class 9 — PG III
Poison Inhalation Hazard	No
Environmental Hazard	Marine pollutant — Yes (very toxic to aquatic life)

SECTION 15 — REGULATORY INFORMATION

WHMIS 2015 (Canada)	This SDS complies with Canada's Hazardous Products Regulations (WHMIS 2015). Classifications: Skin Irritation (Cat. 2), Skin Sensitization (Cat. 1), Aspiration Hazard (Cat. 1), Hazardous to Aquatic Environment — Acute (Cat. 1) and Chronic (Cat. 1).
Canadian DSL	Caryophyllene (87-44-5) and Cedrol (77-53-2) listed on the Canadian DSL (Domestic Substances List).
SARA 302 Components	No chemicals in this material are subject to SARA Title III, Section 302 reporting requirements.
SARA 311/312 Hazards	Acute Health Hazard.
SARA 313 Components	This material does not contain chemicals with known CAS numbers exceeding De Minimis reporting levels under SARA Title III, Section 313.
NFPA Rating	Health: 2 Fire: 1 Reactivity: 0
HMIS Rating	Health: 2 Flammability: 1 Physical Hazard: 0

SECTION 16 — OTHER INFORMATION	
SDS Version	1.0
Issue Date	May 22, 2026
Prepared By	Navy Heart Essential Oils, Calgary, Alberta, Canada
Source Documents	Supplier MSDS CoA Report No. BR-260126, Lot 260120

Revision History

Version	Date	Summary of Changes
1.0	May 22, 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).