



Navy Heart Essential Oils

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IFRA COMPLIANCE DOCUMENT

Cedarwood Essential Oil (Virginia) | IFRA 51st Amendment (June 2023)

Issue Date: June 15, 2026 | Revised to include Health Canada Risk Management Notice (March 2025)

PRODUCT IDENTIFICATION

Product Name	Cedarwood Essential Oil (Virginia)
Botanical Name	Juniperus virginiana
INCI Name	Juniperus Virginiana Wood Oil
CAS Number	8000-27-9
Product Type	Essential Oil — Aromatic
Supplier	Navy Heart Essential Oils, Calgary, Alberta, Canada
IFRA Amendment	51st Amendment to the IFRA Code of Practice (published June 2023)
Health Canada Status	Under Risk Management Review — CEPA Schedule 1 (Part 2) proposed March 2025. Hotlist listing under consideration. Not yet formally restricted as of June 2026.
Document Issue Date	June 15, 2026

IFRA COMPLIANCE STATEMENT

Navy Heart Essential Oils hereby confirms that Cedarwood Essential Oil (Virginia) has been assessed against the IFRA 51st Amendment to the IFRA Code of Practice (published June 2023). Cedarwood oil (*Juniperus virginiana*) does not have its own standalone IFRA Standard, but it IS subject to the IFRA Standard on Cedrene (CAS 11028-42-5, covering α -cedrene CAS 469-61-4 and β -cedrene CAS 546-28-1), which restricts the combined cedrene content of finished products due to dermal sensitization risk. Because α - and β -cedrene together typically make up 25–40% of Virginia cedarwood oil, this constituent-level restriction meaningfully limits usage in several categories — cedarwood oil is NOT unrestricted across the board under IFRA.

Canadian regulatory context — important: Independent of the IFRA cedrene-driven restriction above, Health Canada issued a Risk Management Scope document in March 2025 proposing cedarwood oil for addition to CEPA Schedule 1 (Part 2) due to concerns about inhalation and dermal exposure in consumer products. Health Canada is actively considering listing cedarwood oil as a prohibited or restricted ingredient on the Cosmetic Ingredient Hotlist. As of the date of this document (June 2026), no final restriction is in force — but the regulatory direction is clear.

Navy Heart precautionary approach: Given the active Canadian risk management process, Navy Heart Essential Oils has applied conservative precautionary limits in the Navy Heart Recommended column below, particularly for leave-on and inhalation-exposure products. These limits are more restrictive than IFRA alone would require, in anticipation of potential future Canadian restrictions. We strongly recommend formulators review the Health Canada Cosmetic Ingredient Hotlist at canada.ca/cosmetics before placing any product containing cedarwood oil on the Canadian market.

Key constituents (typical composition, Juniperus virginiana): α -Cedrene 20–35% — Thujopsene 10–25% — Cedrol 16–25% (EU declarable allergen under Regulation 2023/1545) — β -Cedrene 4–8% — Cuparene 1.5–7% — Widdrol 2–5%. Lot BR-260126 (see CoA) measured α -cedrene at 23.05%; β -cedrene was not separately quantified for this lot. Combined α - and β -cedrene ("Cedrene") IS restricted by the IFRA Standard on Cedrene (dermal sensitization) — see category table below.

IFRA CATEGORY USAGE LIMITS — 51ST AMENDMENT

IFRA Category	Typical Product Applications	Max. Usage Level (51st Amdt.)	Navy Heart Recommended
1	Lip products (lip balm, lipstick, lip gloss, lip scrub)	Not Recommended*	Not recommended — cedrene ceiling is only ~0.9%, and lip products additionally require IOFI flavor-safety recognition Navy Heart has not obtained
2	Deodorant & antiperspirant (spray, stick, roll-on)	0.25%	Up to 0.2% — governed by IFRA Cedrene sensitization limit (ceiling ~0.25%)
3	Facial makeup, eye products, foundation, blush	5.1%	Up to 0.5% — precautionary limit for face use
4	Hair leave-on (hair oil, hair serum, scalp treatment)	4.8%	Up to 2%
5A	Body leave-on: body lotion, butter, oil, cream	1.2%	Up to 1% — precautionary limit
5B	Face leave-on: facial moisturiser, face cream, serum, toner	1.2%	Up to 0.5% — precautionary limit for face use
5C	Hand leave-on: hand cream, hand lotion, cuticle cream	1.2%	Up to 1%
5D	Baby leave-on: baby lotion, baby oil, baby cream, diaper cream	1.2%	Not recommended for baby products
6	Intimate wipes, feminine hygiene products	2.8%	Up to 0.5%
7A	Rinse-off body: shower gel, body wash, shampoo, bath products	10%	Up to 2%
7B	Rinse-off hair: conditioner, hair mask, hair rinse	10%	Up to 1%
8	Intimate leave-on with anogenital exposure	0.5%	Up to 0.3% — near IFRA Cedrene ceiling (~0.5%); kept below for margin
9	Rinse-off: bar soap, body wash, scrubs, bath bombs	9.3%	Up to 2% — rinse-off reduces dermal exposure risk
10A	Home fragrance: reed diffusers, pot pourri, sachets	35%	Up to 5% — ensure adequate ventilation; inhalation risk noted by Health Canada
10B	Room spray, linen spray, air freshener spray	35%	Up to 2% — inhalation risk; use in well-ventilated areas
11A	Fabric treatment rinse-off (fabric softener, laundry detergent)	18%	Up to 2%
11B	Fabric treatment leave-on (dryer sheets, pillow spray)	18%	Up to 1%
12	Non-skin contact: candles, wax melts, incense	No Restriction	Up to 8% — ensure room ventilation during use

*Note: The IFRA Max column shows the calculated whole-oil ceiling derived from the IFRA Standard on Cedrene (Standard 197, dermal sensitization), using lot BR-260126's measured α -cedrene (23.05%) plus a conservative published β -cedrene estimate (8%), for an assumed total cedrene content of ~31%. *Category 1 additionally requires IOFI flavor-safety recognition, which Navy Heart has not obtained — do not use in lip products regardless of the cedrene math. These figures should be recalculated once full lot GC/MS (including β -cedrene) is available. The Navy Heart Recommended column reflects conservative precautionary limits applied in response to Health Canada's March 2025 Risk Management Scope, which proposes cedarwood oil for CEPA Schedule 1 listing, and is kept at or below the calculated IFRA ceiling in every category. Inhalation and leave-on dermal exposure categories carry the lowest recommended limits. Formulators must independently verify current Health Canada Hotlist status before selling any product containing this oil in Canada.*

COLOUR KEY

Green	Not Limited — no IFRA restriction applies in this category.
White	Standard limit applies — use at or below the stated maximum.

Amber	Use with extra caution — sensitive application area (lips, baby, intimate).
Red	Not Approved / 0% — not permitted in this category.

ADDITIONAL FORMULATION NOTES & HEALTH CANADA GUIDANCE

Why is Health Canada concerned about cedarwood oil? Health Canada's concern centres on cumulative inhalation and dermal exposure to cedrol and related tricyclic sesquiterpenes in cedarwood oil from multiple consumer product sources. The risk assessment found that aggregate exposure — particularly in people who use several cedarwood-containing products simultaneously (e.g. soap, diffuser, body cream, candle) — may exceed tolerable levels. This is a population-level exposure concern, not a single-product acute toxicity finding.

What this means for Navy Heart customers: Navy Heart sells cedarwood oil as a raw ingredient. The regulatory exposure concern is primarily with finished consumer products. However, as a responsible supplier, Navy Heart recommends that formulators: (1) use cedarwood oil at the conservative levels shown in the Navy Heart Recommended column; (2) avoid combining cedarwood oil across multiple product categories in the same range; (3) monitor the Health Canada Hotlist regularly.

Diffusers and inhalation products (Categories 10A, 10B): Inhalation exposure is Health Canada's primary concern for cedarwood oil. Navy Heart recommends keeping diffuser and room spray usage to a maximum of 5% and 2% respectively, and always recommending to end users that products be used in well-ventilated areas with reasonable session durations.

EU allergen labelling (cedrol): Cedrol (16–25% in Virginia cedarwood) is a declarable fragrance allergen under EU Cosmetic Regulation 2023/1545. EU-market formulators must declare cedrol on the ingredient label when it exceeds threshold levels (0.001% leave-on / 0.01% rinse-off). This is a separate labelling obligation from the Canadian regulatory process.

Where to monitor Health Canada updates: <https://www.canada.ca/en/health-canada/services/consumer-product-safety/cosmetics/cosmetic-ingredient-hotlist-prohibited-restricted-ingredients.html>

Phototoxicity: Virginia cedarwood essential oil is not phototoxic. No UV exposure precautions are required.

⚠️ IMPORTANT — HEALTH CANADA REGULATORY NOTICE (March 2025)

Health Canada and Environment and Climate Change Canada have issued a Risk Management Scope document (March 2025) proposing that cedarwood oil (CAS 8000-27-9, *Juniperus virginiana*) be added to Part 2 of Schedule 1 of the Canadian Environmental Protection Act, 1999 (CEPA) on the basis that it is proposed to be harmful to human health.

Health Canada is considering the following actions for cedarwood oil:

- Listing as a prohibited or restricted ingredient on the Cosmetic Ingredient Hotlist
- Regulatory actions to reduce inhalation and dermal exposure from consumer products (including essential oils sold in vials for DIY use)
- Restricting use as a non-medicinal ingredient in topical natural health products

As of June 2026: Cedarwood oil is NOT yet on the Hotlist — no final restriction is in force. However, the formal risk management process is underway and final listing is expected. Navy Heart Essential Oils has applied conservative precautionary limits in this document. Formulators selling finished products in Canada must independently monitor Health Canada updates at [canada.ca/cosmetics](https://www.canada.ca/cosmetics).

Disclaimer: This IFRA compliance document is prepared in good faith based on known typical constituent data for this essential oil and the IFRA 51st Amendment (June 2023). Usage limits are based on typical composition ranges and information derived from supplier testing. It is the responsibility of the formulator to verify compliance for their specific formulation. Navy Heart Essential Oils makes no warranty as to the accuracy or completeness of this information. Always perform your own safety assessment before use in consumer products. Formulators selling finished products in Canada must independently monitor and comply with Health Canada's Cosmetic Ingredient Hotlist and any CEPA-related risk management requirements applicable at the time of sale.