



Navy Heart Essential Oils

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IFRA COMPLIANCE DOCUMENT

Frankincense Essential Oil (Steam Distilled) | IFRA 51st Amendment (June 2023)
Issue Date: May 24, 2026

PRODUCT IDENTIFICATION

Product Name	Frankincense Essential Oil (Steam Distilled)
Botanical Name	Boswellia carterii
INCI Name	Boswellia Carterii Oil
CAS Number	8016-36-2
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)
Document Issue Date	May 24, 2026

IFRA COMPLIANCE STATEMENT

Navy Heart Essential Oils hereby confirms that Frankincense Essential Oil (steam distilled) is assessed in accordance with the IFRA 51st Amendment (June 2023). This oil is compliant for use in the product categories listed below at the maximum concentration levels stated. Frankincense essential oil has generous IFRA limits across most categories. The limiting constituent is beta-thujone (0.4% in the finished product, Category 5C) present at trace levels in the oil. Limonene and linalool are present but are non-limiting at typical frankincense concentrations. This is a versatile, IFRA-permissive essential oil well suited to a wide range of cosmetic and aromatic applications. <i>Key restricted constituents (typical composition): Alpha-pinene 35–65% — Limonene 10–25% — Myrcene 3–8% — Beta-thujone trace (<0.4%) — Linalool trace.</i>
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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)	27.50%	Up to 1% for lip use
2	Deodorant & antiperspirant (spray, stick, roll-on)	52.50%	Up to 2%
3	Facial makeup, eye products, foundation, blush	8.00%	Up to 1%

4	Hair leave-on (hair oil, hair serum, scalp treatment)	100.00%	Up to 3%
5A	Body leave-on: body lotion, butter, oil, cream	23.75%	Up to 2%
5B	Face leave-on: facial moisturiser, face cream, serum, toner	8.00%	Up to 1%
5C	Hand leave-on: hand cream, hand lotion, cuticle cream	4.00%	Up to 1.5%
5D	Baby leave-on: baby lotion, baby oil, baby cream, diaper cream	1.33%	Up to 0.5%
6	Intimate wipes, feminine hygiene products	23.75%	Up to 0.5%
7A	Rinse-off body: shower gel, body wash, shampoo, bath products	60.00%	Up to 3%
7B	Rinse-off hair: conditioner, hair mask, hair rinse	60.00%	Up to 2%
8	Intimate leave-on with anogenital exposure	1.33%	Up to 0.5%
9	Rinse-off: bar soap, body wash, scrubs, bath bombs	32.50%	Up to 3%
10A	Home fragrance: reed diffusers, pot pourri, sachets	32.50%	Up to 10%
10B	Room spray, linen spray, air freshener spray	55.00%	Up to 5%
11A	Fabric treatment rinse-off (fabric softener, laundry detergent)	1.33%	Up to 0.5%
11B	Fabric treatment leave-on (dryer sheets, pillow spray)	1.33%	Up to 0.5%
12	Non-skin contact: candles, wax melts, incense	100.00%	Up to 10%

Note: Maximum usage levels are sourced from an IFRA 51st Amendment Certificate of Conformity for Frankincense Carterii Essential Oil (Boswellia carterii). Usage limits are based on typical composition ranges and information derived from supplier testing.

COLOUR KEY

Green	Not Limited — no IFRA restriction in this category.
White	Standard limit applies — use at or below the stated maximum.
Amber	Use with extra caution — sensitive area (lips, baby, intimate). Lower recommended levels apply.
Red	Not Approved / 0% — not permitted in this category.

ADDITIONAL FORMULATION NOTES

Soap makers (Category 9):

Frankincense is a classic soap ingredient at up to 3% (well within the 32.5% maximum). Warm, resinous, meditative base note with excellent scent retention. Particularly popular in men's soap, meditation collections, and luxury artisan soap. Well-behaved in cold process soap.

Leave-on products:

Generous limits (23.75% in 5A) allow comfortable use at all typical cosmetic levels. Popular in anti-aging serums and face creams for its skin-regenerating reputation.

Phototoxicity:

Frankincense essential oil is not phototoxic. No sun-exposure precautions required.

Species note:

Several Boswellia species are used commercially (carterii, sacra, serrata, frereana). IFRA limits apply to the oil as a whole. This document covers B. carterii/sacra. Request a species-specific certificate if using other Boswellia varieties.

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.

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