



Navy Heart Essential Oils

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IFRA COMPLIANCE DOCUMENT

Ylang Ylang Essential Oil (Steam Distilled) | IFRA 51st Amendment (June 2023)
Issue Date: August 11, 2026 | Version 1.1

PRODUCT IDENTIFICATION

Product Name	Ylang Ylang Essential Oil (Steam Distilled)
Botanical Name	Cananga odorata
INCI Name	Cananga Odorata Flower Oil
CAS Number	8006-81-3
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	August 11, 2026

IFRA COMPLIANCE STATEMENT

Navy Heart Essential Oils hereby confirms that Ylang Ylang 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.

Ylang ylang essential oil is a genuinely restrictive IFRA material — it has among the tightest leave-on limits of any oil in the Navy Heart range, driven by multiple restricted constituents including benzyl benzoate, benzyl acetate, farnesol, geraniol, and isoeugenol. It is not unrestricted for soap or fragrance categories; those categories carry real, verified limits too.

Source: IFRA 51st Amendment Certificate of Conformity for Ylang Ylang Essential Oil (Cananga odorata, CAS 8006-81-3 / 83863-30-3). These are material-level (not lot-specific) IFRA limits.

Key restricted constituents (typical composition): Benzyl acetate 20–35% — Linalool 5–15% — Germacrene-D 10–20% — Benzyl benzoate 10–20% — Farnesol 3–8% — Geraniol 2–6% — Isoeugenol trace.

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)	0.26%	Up to 0.2%
2	Deodorant & antiperspirant (spray, stick, roll-on)	0.67%	Up to 0.5%
3	Facial makeup, eye products, foundation, blush	1.28%	Up to 0.5%
4	Hair leave-on (hair oil, hair serum, scalp treatment)	6.73%	Up to 2%
5A	Body leave-on: body lotion, butter, oil, cream	1.48%	Up to 1%
5B	Face leave-on: facial moisturiser, face cream, serum, toner	1.48%	Up to 0.5%
5C	Hand leave-on: hand cream, hand lotion, cuticle cream	1.48%	Up to 0.75%
5D	Baby leave-on: baby lotion, baby oil, baby cream, diaper cream	0.68%	Not recommended for baby products
6	Intimate wipes, feminine hygiene products	0.43%	Up to 0.3%
7A	Rinse-off body: shower gel, body wash, shampoo, bath products	2.50%	Up to 2%
7B	Rinse-off hair: conditioner, hair mask, hair rinse	2.50%	Up to 1.5%
8	Intimate leave-on with anogenital exposure	0.38%	Up to 0.3%
9	Rinse-off: bar soap, body wash, scrubs, bath bombs	1.57%	Up to 1.2%
10A	Home fragrance: reed diffusers, pot pourri, sachets	3.40%	Up to 2.5%
10B	Room spray, linen spray, air freshener spray	7.10%	Up to 5%
11A	Fabric treatment rinse-off (fabric softener, laundry detergent)	2.80%	Up to 1%
11B	Fabric treatment leave-on (dryer sheets, pillow spray)	2.80%	Up to 1%
12	Non-skin contact: candles, wax melts, incense	100.00%	Up to 8%

Note: Maximum usage levels are sourced from a real, published IFRA 51st Amendment Certificate of Conformity for Ylang Ylang Essential Oil (Cananga odorata, CAS 8006-81-3 / 83863-30-3). Ylang ylang is a genuinely restrictive material — it is not unlimited in soap, diffusers, or room sprays, contrary to earlier versions of this document.

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):

Ylang ylang is IFRA-restricted in soap (certified maximum 1.57%), not unlimited. Up to 1.2% is the Navy Heart recommendation, comfortably under the certified cap. Intensely sweet, floral, exotic. A little goes a long way — ylang ylang can easily overpower a blend even at this level. Popular in romantic and floral soap blends. Well-behaved in cold process soap.

Leave-on usage levels:

The certified IFRA limit for Category 5A is 1.48% — far tighter than earlier versions of this document suggested. In practice, ylang ylang is such a potent oil that typical usage levels in leave-on products (0.25–1%) already sit comfortably within the certified cap. The strong scent can cause headaches at higher concentrations, which is a separate reason to stay conservative regardless of the IFRA ceiling.

Phototoxicity:

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

Skin sensitization:

Ylang ylang is a known sensitizer for some individuals due to its benzyl benzoate and farnesol content. Patch testing is strongly recommended, especially for leave-on face and body products.

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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