



Navy Heart Essential Oils

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IFRA COMPLIANCE DOCUMENT

Geranium Essential Oil | IFRA 51st Amendment (June 2023)

Issue Date: May 24, 2026

PRODUCT IDENTIFICATION

Product Name	Geranium Essential Oil
Botanical Name	Pelargonium graveolens
INCI Name	Pelargonium Graveolens (Geranium) Oil
CAS Number	8000-46-2
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 Geranium Essential Oil is assessed in accordance with the IFRA 51st Amendment to the IFRA Code of Practice (published June 2023). This oil is compliant for use in all product categories listed below at the maximum concentration levels stated.

Geranium essential oil contains several IFRA-restricted constituents — principally citronellol, geraniol, and linalool — all of which are present at levels that result in moderate usage limits across categories. The limits are generous enough for practical use in leave-on skincare at typical cosmetic usage levels (0.5–2%).

Key restricted constituents (typical composition): Citronellol ~20–40% — Geraniol ~10–25% — Linalool ~5–10% — Isomenthone ~5–10%.

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)	4.40%	Up to 0.5% for lip use
2	Deodorant & antiperspirant (spray, stick, roll-on)	1.41%	Up to 0.7%
3	Facial makeup, eye products, foundation, blush	6.21%	Up to 1%

4	Hair leave-on (hair oil, hair serum, scalp treatment)	26.55%	Up to 3%
5A	Body leave-on: body lotion, butter, oil, cream	6.77%	Up to 2%
5B	Face leave-on: facial moisturiser, face cream, serum, toner	4.40%	Up to 1%
5C	Hand leave-on: hand cream, hand lotion, cuticle cream	5.31%	Up to 1.5%
5D	Baby leave-on: baby lotion, baby oil, baby cream, diaper cream	1.46%	Up to 0.5% — extra caution for baby
6	Intimate wipes, feminine hygiene products	0.90%	Up to 0.3%
7A	Rinse-off body: shower gel, body wash, shampoo, bath products	4.40%	Up to 2%
7B	Rinse-off hair: conditioner, hair mask, hair rinse	4.40%	Up to 2%
8	Intimate leave-on with anogenital exposure	1.46%	Up to 0.5%
9	Rinse-off: bar soap, body wash, scrubs, bath bombs	15.81%	Up to 3%
10A	Home fragrance: reed diffusers, pot pourri, sachets	6.21%	Up to 3%
10B	Room spray, linen spray, air freshener spray	29.94%	Up to 5%
11A	Fabric treatment rinse-off (fabric softener, laundry detergent)	1.46%	Up to 1%
11B	Fabric treatment leave-on (dryer sheets, pillow spray)	1.46%	Up to 1%
12	Non-skin contact: candles, wax melts, incense	Not Limited	Up to 10%

Note: Maximum usage levels are sourced from an IFRA 51st Amendment Certificate of Conformity for Geranium essential oil (Pelargonium graveolens). Usage limits are based on typical composition ranges and information derived from supplier testing.

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). Lower recommended levels apply.
Red	Not Approved / 0% — this oil is not permitted in this category.

ADDITIONAL FORMULATION NOTES

Soap makers (Category 9):

Geranium performs very well in cold process soap at up to 3%. Good scent retention (middle/base note character), no acceleration issues typically reported. The floral, slightly rosy character is very popular in natural soap.

Leave-on products:

Limits of 4.4–6.8% in leave-on categories allow comfortable usage at 0.5–2%. Geranium is a popular choice for face serums and body lotions.

Phototoxicity:

Geranium essential oil is not considered phototoxic. No UV-exposure precautions are required.

Skin sensitization:

Geraniol and citronellol are known sensitizers. Patch testing is always recommended, especially for leave-on face products and individuals with known floral sensitivities.

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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