



# Navy Heart Essential Oils

Calgary, Alberta, Canada

Tel: +1 (403) 901-6428 | navyheart.ca@gmail.com | navyheart.ca

## IFRA COMPLIANCE DOCUMENT

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

Issue Date: August 11, 2026 | Version 1.1

### PRODUCT IDENTIFICATION

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Product Name        | Sandalwood Essential Oil                                          |
| Botanical Name      | Santalum album                                                    |
| INCI Name           | Santalum Album Wood Oil                                           |
| CAS Number          | 8006-87-9 / 84787-70-2                                            |
| 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 | August 11, 2026                                                   |

### IFRA COMPLIANCE STATEMENT

Navy Heart Essential Oils hereby confirms that Sandalwood Essential Oil (*Santalum album*) 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.

East Indian Sandalwood (*Santalum album*) is genuinely IFRA-restricted. A published 51st Amendment IFRA Certificate of Conformity for Sandalwood Essential Oil confirms defined maximum usage levels apply across every category, ranging from tightly capped sensitive-area categories (lip products, oral, baby, intimate) to much higher limits in soap, candles, and fragrance applications. It is not phototoxic and requires no UV exposure precautions.

**Species note (*Santalum album* vs. *Santalum spicatum*):** Navy Heart Essential Oils supplies East Indian Sandalwood (*Santalum album*), native to Southern India and the Malayan Archipelago. This is distinct from Australian Sandalwood (*Santalum spicatum*), which has a different INCI name, CAS number, and constituent profile. Both are IFRA-restricted materials with their own certificates, but the botanical identity must be accurate across all product documentation. *S. album* is typically richer in  $\alpha$ -santalol (40–60%) and has the classic deep, creamy, warm-woody scent profile.

Source: IFRA 51st Amendment Certificate of Conformity for Sandalwood Essential Oil (*Santalum album*, CAS 8006-87-9 / 84787-70-2). These are material-level (not lot-specific) IFRA limits.

## IFRA CATEGORY USAGE LIMITS — 51ST AMENDMENT

| IFRA Category | Typical Product Applications                                    | Max. Usage Level (51st Amdt., cert.) | Navy Heart Recommended                           |
|---------------|-----------------------------------------------------------------|--------------------------------------|--------------------------------------------------|
| 1             | Lip products (lip balm, lipstick, lip gloss, lip scrub)         | 0.20%                                | Up to 0.15% for lip use                          |
| 2             | Deodorant & antiperspirant (spray, stick, roll-on)              | 1.55%                                | Up to 1.2%                                       |
| 3             | Facial makeup, eye products, foundation, blush                  | 6.33%                                | Up to 1%                                         |
| 4             | Hair leave-on (hair oil, hair serum, scalp treatment)           | 30.09%                               | Up to 5%                                         |
| 5A            | Body leave-on: body lotion, butter, oil, cream                  | 7.27%                                | Up to 3%                                         |
| 5B            | Face leave-on: facial moisturiser, face cream, serum, toner     | 7.27%                                | Up to 1.5%                                       |
| 5C            | Hand leave-on: hand cream, hand lotion, cuticle cream           | 7.27%                                | Up to 2%                                         |
| 5D            | Baby leave-on: baby lotion, baby oil, baby cream, diaper cream  | 2.80%                                | Up to 0.5% — use conservatively in baby products |
| 6             | Intimate wipes, feminine hygiene products                       | 0.26%                                | Up to 0.2%                                       |
| 7A            | Rinse-off body: shower gel, body wash, shampoo, bath products   | 10.33%                               | Up to 3%                                         |
| 7B            | Rinse-off hair: conditioner, hair mask, hair rinse              | 10.33%                               | Up to 2%                                         |
| 8             | Intimate leave-on with anogenital exposure                      | 2.80%                                | Up to 0.5%                                       |
| 9             | Rinse-off: bar soap, body wash, scrubs, bath bombs              | 43.33%                               | Up to 3%                                         |
| 10A           | Home fragrance: reed diffusers, pot pourri, sachets             | 43.33%                               | Up to 10%                                        |
| 10B           | Room spray, linen spray, air freshener spray                    | 93.33%                               | Up to 5%                                         |
| 11A           | Fabric treatment rinse-off (fabric softener, laundry detergent) | 2.80%                                | Up to 2.5%                                       |
| 11B           | Fabric treatment leave-on (dryer sheets, pillow spray)          | 2.80%                                | Up to 2%                                         |
| 12            | Non-skin contact: candles, wax melts, incense                   | 100.00%                              | Up to 10%                                        |

*Note: East Indian Sandalwood oil (Santalum album) is genuinely IFRA-restricted, with certified limits ranging from 0.20% (lip products) up to 100% (non-skin contact). Maximum usage levels are sourced from an IFRA 51st Amendment Certificate of Conformity for Sandalwood Essential Oil confirmed against Santalum album (CAS 8006-87-9 / 84787-70-2). Navy Heart's recommended levels are set at or below the certified maximum in every category.*

## COLOUR KEY

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

## ADDITIONAL FORMULATION NOTES

**Species distinction — S. album vs. S. spicatum:** Navy Heart supplies East Indian Sandalwood (Santalum album). It is distinct from Australian Sandalwood (Santalum spicatum / syn. Eucarya spicata), which has a different INCI (Santalum Spicatum Wood Oil), a different CAS number (97722-46-8), and a somewhat lower santalol content (~75% total santalols vs. S. album's typical 65–85%). Both species are IFRA-restricted, each with their own certificate and limits, but correct botanical identification is essential for regulatory documentation accuracy across SDS, CoA, and IFRA documents.

**Soap (Category 9):** IFRA-restricted in soap, with a certified maximum of 43.33% (Category 9) — well above typical fragrance-level usage. 3% is the Navy Heart recommendation, comfortably within the certified limit. Sandalwood provides a warm, creamy, luxurious woody base note with excellent scent retention. One of the finest soap ingredients available. Pairs beautifully with rose, jasmine, cedarwood, and patchouli.

**Leave-on skincare:** Certified IFRA limits for leave-on categories range from 2.80% (baby, hand cream area) up to 7.27% (body/face/hand leave-on). At 0.5–3%, sandalwood provides beautiful, lasting fragrance in body butters, face creams, serums, and hair oils — comfortably within certified limits.  $\alpha$ -Santalol also has documented skin-beneficial properties including anti-inflammatory and antimicrobial activity at higher concentrations.

**Phototoxicity:** Sandalwood essential oil (*Santalum album*) is not phototoxic. No UV exposure precautions are required.

**Sustainability note:** *Santalum album* is a protected species in India with strictly regulated harvesting. Always verify that your sandalwood supply chain is sourced from licensed, sustainable plantations (e.g., Karnataka government-controlled forests or CITES-compliant sources). Certification of origin and sustainability should be requested from your supplier.

---

*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.*

**Navy Heart Essential Oils | Calgary, AB, Canada | [navyheart.ca](http://navyheart.ca) | [navyheart.ca@gmail.com](mailto:navyheart.ca@gmail.com) | +1 (403) 901-6428**