



SANDALOILSAU

Product Overview



Australian Desert Rosewood Oil

AUSTRALIA'S ANTIMICROBIAL LUXURY

A Native Bioactive for Skin Health &
Natural Preservation

www.sandaloilsau.com





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Product Overview

NATURE'S ANTIMICROBIAL LUXURY

Key Information

Botanical Name

Eremophila mitchellii

Origin

Outback New South Wales

Extraction

Steam distilled and refined using Sandal Oils Australia's proprietary purification method

Plant Part

Heartwood

Colour

Golden to Amber Yellow

Heritage & Sustainability

Used for centuries by Indigenous Australians to cleanse, heal, and protect, Eremophila embodies the spirit of resilience.

Sandal Oils Australia continues this legacy through responsible sourcing and innovation in refining methods that preserve both purity and potency.





Core Bioactivity

Broad-spectrum antimicrobial action against *S. aureus*, *E. coli*, *P. aeruginosa*, and yeasts.

Deodorising power through odour-neutralising furanosesquiterpenes.

Low dermal irritation; non-sensitising and non-comedogenic.

Anti-inflammatory and antioxidant properties supporting calm, resilient skin.



Application & Dosage

Product Type	Suggested Use Level	Benefits
Deodorants, soaps, body washes	0.3 – 1%	Natural antimicrobial and odour control
Lotions, aftershaves, creams	0.5 – 2%	Antioxidant, barrier support, subtle scent
Beard oils, balms, toners	0.5 – 1%	Antibacterial and calming agent



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Functional Benefit



- Replaces synthetic antimicrobials like triclosan and phenoxyethanol.
- Boosts natural preservation efficacy in emulsions and surfactant systems.
- Stable in pH 4.5–8 and heat up to 80°C.
- Compatible with most carrier oils and emulsifiers.

SCIENTIFIC HIGHLIGHT

- Anti-inflammatory action via COX-2 and NF-κB pathway inhibition.
- Antioxidant flavonoids support collagen integrity and reduce redness.
- Enhances skin barrier through lipid-resin integration.



Compliance & Disclaimer

The information contained in this document is provided by Sandal Oils Australia for educational and formulation guidance purposes only. It is based on published research conducted by recognised Australian universities and independent scientific sources investigating compounds present in *Eremophila mitchellii* (Australian Desert Rosewood).

Sandal Oils Australia does not make therapeutic, cosmetic, or functional claims regarding this essential oil or its components. The data presented herein should be used as a guideline only. It remains the responsibility of the manufacturer, formulator, or brand to conduct their own due diligence, regulatory assessments, and product-specific research before commercial use.

Comprehensive R&D summaries and technical reports are available to qualified partners upon request.

Australian Desert Rosewood™ and Nature's Antimicrobial Luxury™ are trademarks of Sandal Oils Australia.

CONFORMANCE & COMPLIANCE

- Compliant with IFRA guidelines for essential oils (category limits apply).
- Registered with AICIS (Australia) as a fragrance and cosmetic ingredient.
- Material Safety Data Sheet (MSDS) and Certificate of Analysis (COA) available upon request.

Get in Touch

Producers of fine Australian essential oils and native bioactives for perfumery, cosmetics, and wellness industries.

