

Red Sandalwood

BOTANICAL NAME:
Pterocarpus santalinus

PARTS USED:
Dark-colored heartwood

Characteristics:

Red Sandalwood has traditionally been used as an astringent, disinfectant, or diuretic, but recently it is used as a natural dye to color herbal mixtures and toothpaste and has become one of the most popular natural dyes used today.

A decoction of the wood may be helpful for indigestion and fever and externally for skin problems, especially those of bacterial origin.

Constituents:

Santalin-A, Santalin-B, and Deoxysantalin, soluble in organic solvents and alkalis, but not water are major constituents of Red Sanders dye. The Red or purple red colored natural dye is extracted from the heartwood of Indian Red sanders tree (*Pterocarpus Santalinus*).



Features / Benefits:

Natural Dye

Red Sandalwood's natural dye, Santalin, is used as colorant in food, alcoholic beverages, wood polish, metal varnish, textiles, wool, silk, leather, jute, dye for Skin (Sun-tan), hair dye, medicines, tablet coating colorant, and as dye for dye sensitized solar cells. It is also an effective color additive to body powders and scrubs.

Astringent / Exfoliant

It is an astringent and a cooling agent and is used in several skin care preparations. It is used in the treatment of pimples, acne, wrinkles etc. Red Sandalwood is used in soaps as an ingredient which can be added at first trace to produce a mottled light brown soap that is an excellent exfoliate.

Suggested Applications and Markets:

From Sabinsa Web site:

"Introducing Natural Colors from Sabinsa for Nutraceutical and



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Cosmeceutical Applications:

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Cosmeceutical Applications

*To impart glow and shine to the skin in cosmetic creams, gels, lipsticks and lotions
To help wound healing*

Nutraceutical Applications

*Add color and nutrient value to processed food beverages, candies etc.,
Impart red color to alcoholic beverages"*