

# Sandalwood Australia

*Santalum spicatum*

## ESSENTIAL OIL

### ABOUT SANDALWOOD FROM AUSTRALIA

Australian sandalwood is a small evergreen tree native to arid regions of Australia. Widespread in the southwest part of the country, it grows in symbiosis with a plant in its environment, mainly those in the genera Eucalyptus and Acacia. This hemi-parasite performs its own photosynthesis, but draws water and nutrients from its host through its root system. The soft, fragrant heartwood is wrapped in rough, fibrous bark. The trunk and roots of Australian sandalwood, once stripped of the bark, are distilled for an essential oil with the characteristic sandalwood smell. Its sweet, woody character with spicy accents is similar to the fragrance of Indian sandalwood (*Santalum album*), but the rawer, earthy dimension makes it an original and distinct material.

First distilled experimentally in 1875, Australian sandalwood essential oil began to be sporadically produced by a few small Australian distilleries. As the essential oil's popularity grew, so did exploitation of the wild tree. It became one of the most important revenue sources for the economy of Western Australia and also made development of the interior possible. To ensure sustainable existence for the natural sandalwood resources, timber harvesting has been regulated since 1920 by the Western Australian Sandalwood Control Act (1929). Plantations were established to renew the tree populations and essential oil production comes only from these managed sources.



These applications are given for information only



**WOODY**  
Mild

### WELL-BEING APPLICATIONS\*

Soothing and calming nervous, circulatory, skin regenerating. Calming, soothing and positive, it promotes serenity.

\*These aromatherapeutic properties are excerpted from specific works and are provided for information purposes only. They are not, under any circumstances, to be considered sufficient as a basis for any health claim or diagnosis for purposes of therapeutic application.

500 kg  
of sandalwood from  
Australia

Steam distillation  
 $\eta = 0,2 \%$

1 kg  
of essential oil



## Harvest calendar

J F M A M J J A S O N D

## Traceability

Country	Region	Delimited collection area	Tree
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## OLFACTORY PROFIL

Woody, mild, milky, cedar-like, spicy.

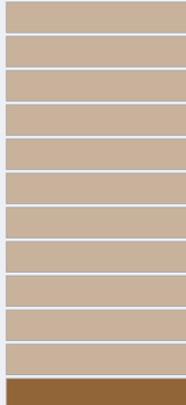
Head

Heart

Base

## TENACITY

1 hour  
2 hours  
3 hours  
6 hours  
1 day  
2 days  
3 days  
4 days  
1 week  
2 weeks  
3 weeks  
1 month



\* Tenacity of characteristic notes

## GLOBAL DATA

CAS TSCA: 8024-35-9

CAS EINECS: 92875-02-0

EINECS : 296-618-5

FEMA: /

FDA: /

CoE: 187n

INCI: Santalum spicata wood oil (Perfuming name)

Resource: Wild

Processed plant part: Wood

Transformation process: Steam distillation

Appearance: Colorless to yellow liquid

Main constituents: Santalols, nuciferol, farnesol

Active constituents: Santalols (cis-alpha-santalol, cis-beta-santalol, cis-epi-alpha-santalol)



ALBERT VIEILLE