



PRODUCT DATA SHEET

Copaiba Oil



Copaiba oil, sustainable extracted from *Copaifera officinalis* trees

Ingredients: Copaiba

Origin: Madre de Dios, Huanuco (Peru)

Certifications:



COPAIBA

Copaiba is a common name for several tree species of the legume family (genus *Copaifera*) native to North and South America and Tropical Africa. Copaiba trees are considerably branched and grow between 15 and 30 m high. *C. officinalis* is one of the *Copaifera* species which occurs widely throughout South America, including the Amazon, and is used as a traditional medicine.

A single copaiba tree can provide about 40 liters of oleoresin annually, which is accumulated in cavities within the tree trunk. It is extracted by tapping or drilling holes into the wood of the trunk and collecting the resin that drips out. In Peruvian traditional medicine, three or four drops of the resin are mixed with a spoonful of honey and taken as a natural sore throat remedy. It is also employed in Peruvian herbal medicine systems to reduce inflammation and increase urination, as well as in the treatment of incontinence, urinary problems, stomach ulcers, syphilis, tetanus, bronchitis, catarrh, herpes, pleurisy, tuberculosis, hemorrhages, and leishmaniosis (applied as a plaster) ¹.

CANDELA'S PRODUCERS

CANDELA copaiba comes from the region of Madre de Dios, in southeastern Peru, bordering Brazil and Bolivia. Many of the Amazonian nut gatherers who are part of the CANDELA Organic Program (more than 200.000 ha of certified area), have copaiba trees in their Amazon nut concessions. They extract the resin according to forest management plans using a sustainable extraction method - drilling to the center of the trunk, collecting the oil, and plugging the holes with clay or plant seals; making it a sustainable rainforest resource that can be harvested without destroying the tree and

preserving the forest in which it grows.

Since 2015, working with the National Service of Natural Protected Areas (SERNANP), CANDELA has also started to collaborate with indigenous producers of “El Sira” Community Reserve. El Sira, the largest community nature reserve of Peru, recognised by UNESCO as a biosphere reserve, is located in the central Peruvian Amazon, between the regions of Pasco, Huánuco and Ucayali. The local population of the buffer area belong to the Ashaninka, Asheninka, Shipibo-Conibo and Yanasha ethnic groups, as well as rural communities of migrants from the Andes. They are involved in projects focused on management models that combine biodiversity conservation with sustainable resource use.

OIL COMPOSITION

Odor: Characteristic.

Color: Brownish yellow

Taste: Characteristic

Principal Composition: Capric Acid and Arachidonic Acid

TECHNICAL DATA

INCI Name: *Copaifera officinalis oil*

CAS Number: 8001-61-4

EINECS Number: 232-288-0

Specific Gravity: 0.895-0.915

Flash Point: 84 °C

FATTY ACID PROFILE

Fatty Acid	Composition %
Caprylic Acid C8:0	3.91
Capric Acid C10:0	46.46
Lauric Acid C12:0	5.01
Myristic Acid C14:0	0.46
Pentadecanoic Acid C15:0	0.81
Palmitic Acid C16:0	3.10
Margaric Acid C17:0	4.25
Stearic Acid C18:0	2.15
Oleic Acid (Omega 9) C18:1	7.62
Linoleic Acid (Omega 6) C18:2	3.80
Araquidic Acid C20:0	3.66
Arachidonic Acid (Omega 6) C20:4	7.91
Behenic Acid C22:0	5.69
Lignoceric Acid C24:0	5.15

POTENCIAL USE

Copaiba oil is ideal for skin conditions, and stands out as an exceptional natural antifungal; thus it is recommended in cases of psoriasis, herpes, dermatitis and fungi. In addition, copaiba oil helps heal wounds and activate blood circulation, resulting in a powerful remedy for varicose veins.

¹ *The Healing Power of Rainforest Herbs*, Leslie Taylor, © 2005