



COPAIBA RESIN OIL

Virgin

INCI: *Copaifera officinalis* oil resin

CAS: 8013-97-3



COPAIBA RESIN OIL has a long history of use in South America, where it has traditionally been used to help clear up skin problems including dermatitis, psoriasis, eczema, rashes, herpes, insect bites, injuries, wounds and boils. Amazonian healers also recommend diluted copaiba resin oil for internal use as a treatment for a widerange of conditions; for example, it acts as an expectorant and can help alleviate respiratory problems like bronchitis.

There is more than 30 different types of copaiba tree, and they are found mainly in the south American rainforests of Brazil, Argentina, Bolivia, Guyana, Columbia, Peru and Venezuela. The oil produced by the tree is what is known as an oleoresin : a substance that accumulates naturally in cavities within the trunk of the tree.

Our COPAIBA RESIN OIL comes from the brazilian amazonian forest, where it is wild harvested. It is extracted from the copaiba tree in a sustainable way : a hole is drilled into the trunk, and the exudate dripping out is collected. While leaving the tree, this substance is clear, thin and colorless; but when it comes into contact with the air, it becomes thicker and darker, with a bitter taste. After draining for a few days the hole is sealed : this sustainable method does not harms the tree and a copaiba tree can produce about 40 Liters Oleoresin a year, without disturbing the forest growth.

Technical Information

	Characteristics
Appearance (20°C)	Low viscosity Liquid, yellow/green to brown. Darkens when exposed to air. Form a hard film of resin when applied on a dry surface.
Odor	Characteristic, wood notes.
Acid Value (mgKOH/g)	Product does not have any fatty acids, the higher the acidity vale, the higher the presence of constituent acids.
Solubility	Not soluble in Water
Total Bacteria (g)	<100/g
Fungi and yeast (g)	<100/g

Properties and Cosmetic Applications

The COPAIBA RESIN OIL chemical composition shows approximately 72 sesquiterpenes (hydrocarbons) and 28 diterpenes (carboxylic acids). Studies have shown antibiotic, antimicrobial, antiinflammatory and emmollient properties. Copaiba resin oil is the best known source of Carophyllen, which is great for treating various skin conditions including topical ulcers, eczema and psoriasis.

Packaging and Storage

Storage: Store in cool conditions (below 25°C) away from light and humidity in unopened containers.

Shelf Life: 24 months in original unopened packaging.

Safety: Refer to MSDS. Not considered hazardous. For cosmetics only.

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