

NEW

Tagua Nut

Phytelephas aequatorialis

Body Care
Skin Care
Natural Abrasive

The Botanical Ivory

The Amazonian Indians believe that Tagua Nut brings happiness, love, prosperity and abundance. The use of *Phytelephas aequatorialis* is a perfect example of sustainability. Its cultivation helps to protect endangered rainforest land and supports the local economy.

Over the last twenty years, Tagua Nut has been rediscovered as a more exclusive and eco-friendly raw material for different purposes. Lipoid Kosmetik now offers Tagua Nut as a natural-sustainable exfoliation ingredient to replace plastic microbeads.



Botanical Name

Phytelephas aequatorialis

Family

Arecaceae

Name

Tagua Nut (EN)

Tagua Nuss (DE)

Noix de Tagua (FR)

Alternative Names

Palm Ivory, Vegetable Ivory, Corozo, Coquilla, Palmivor

Properties

Natural and sustainable Exfoliation



Our expertise

Lipoid Kosmetik combines more than 40 years of experience in the manufacture of botanical extracts with a unique botanical and biochemical expertise. This includes:

- Extensive sourcing for all kind of raw materials
- Unique extraction process
- Traceability from the plant to the final product

Habitat

Tagua Nut is the seed from a genus of palm trees known as *Phytelephas macrocarpa*. These palms are indigenous to the tropical rainforests of South America and can live up to 180 years. After about 10 years the Tagua palm will produce its fruit for the first time and will not stop bearing fruit year after year.

The fruit, also known as mococha, has the size of a grapefruit and before it matures the nut consists of a tasteless crystalline liquid. When the nuts ripen, they fall to the ground and the milky substances transforms to a gelatinous viscous consistency which finally becomes a hard product, similar in color, appearance and feel to natural ivory.

Sustainability

The use and harvest of Tagua Nuts is a wonderful way to protect endangered rainforest lands: Since the seeds can only be collected or hand-picked from the ground after falling from the trees and after they have fully matured and hardened. Therefore the wild growing trees are thus not touched or harmed in any way. These environmentally friendly vegetable ivory products help in the conservation of the planet's biodiversity since all the trees in the concerned rainforests remain unaffected. Furthermore, the harvest as such helps to protect endangered rain forests due to the economic value which is created in a sustainable way. It supports the local economy, provides jobs and also may help to save elephants and other ivory bearing animals.

Ban the Beads

Plastic microbeads have been used in the personal care industry as exfoliant agents in e.g. face soaps, body washes and toothpastes. They are most frequently made of polyethylene, but can be of other petrochemical plastics such as polypropylene and polystyrene.

After usage, they pass through the sewage treatments plants without being filtered or are washed down the drain directly. Either way, they end up in rivers, lakes and oceans resulting in a creeping water pollution since they are not biodegradable. This has now been addressed by several authorities all over the world, which require or strongly recommend the plastic microbeads to be phased out and substituted by other more adequate substances. Bans for plastic microbeads have been implemented and are quickly due, e.g. by end of 2016 in the Netherlands or starting on July 1, 2018 in the US. They shall prevent quickly continuing negative impact on the environment.

Lipoid Kosmetik offers a whole range of natural abrasives as alternative to plastic microbeads. Tagua Nut is the newest line. For other alternatives feel free to ask.

Products

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Tagua Abrasive

INCI: Phytelphas Aequatorialis Seed Powder

Mesh Sieve Size: 40/100, corresponds to approximately < 0.40 mm

Color: Ivory White



Fig. 1: Tagua Nut and Tagua Nut grit / powder

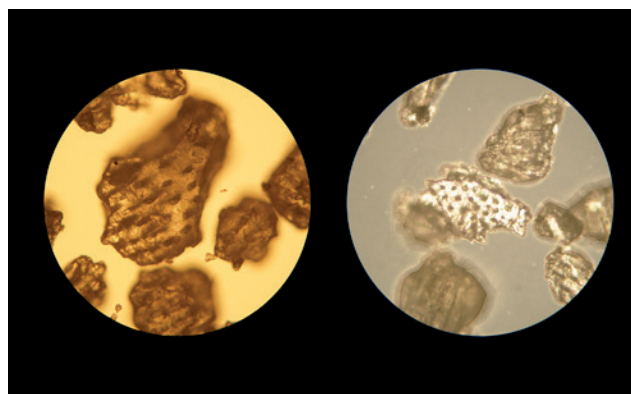


Fig. 2: Tagua Nut powder with 20x magnification shows a unique tubular structure

Regulatory and Safety

Origin	South America, mainly Ecuador
INCI of the plant material	Phytelephas Aequatorialis Seed Powder
Safety	Phytelephas Aequatorialis Seed Powder is safe for its intended use as an abrasive. It is not known to cause any adverse health effects. The product contains no additives.
EU Cosmetic Regulation	The product complies to the EU Cosmetic Regulation (EC) No 1223/2009.
Natural/organic	The product is naturally occurring and left as such in its natural state. To assure a proper shelf life, it is irradiated.
ABS	The plant material used complies with the requirements of Access and Benefit Sharing (ABS) as derived from the Nagoya Protocol and its corresponding national legislations.
EU Reach	The product, i.e. the substance, conforms to the Regulation (EC) No 1907/2006, since the substance is naturally occurring.
China Reach	The product, i.e. the substance, conforms to the legislation of China Reach, since the substance is naturally occurring.
China INCI	There is currently no China INCI name for Phytelephas Aequatorialis Seed Powder available.
Halal	The product conforms to Halal requirements.

Please note, that the statements given above are only condensed versions. Please contact us for information that is more detailed. Comprehensive documentation is available, including the solvent system or carrier chosen.

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