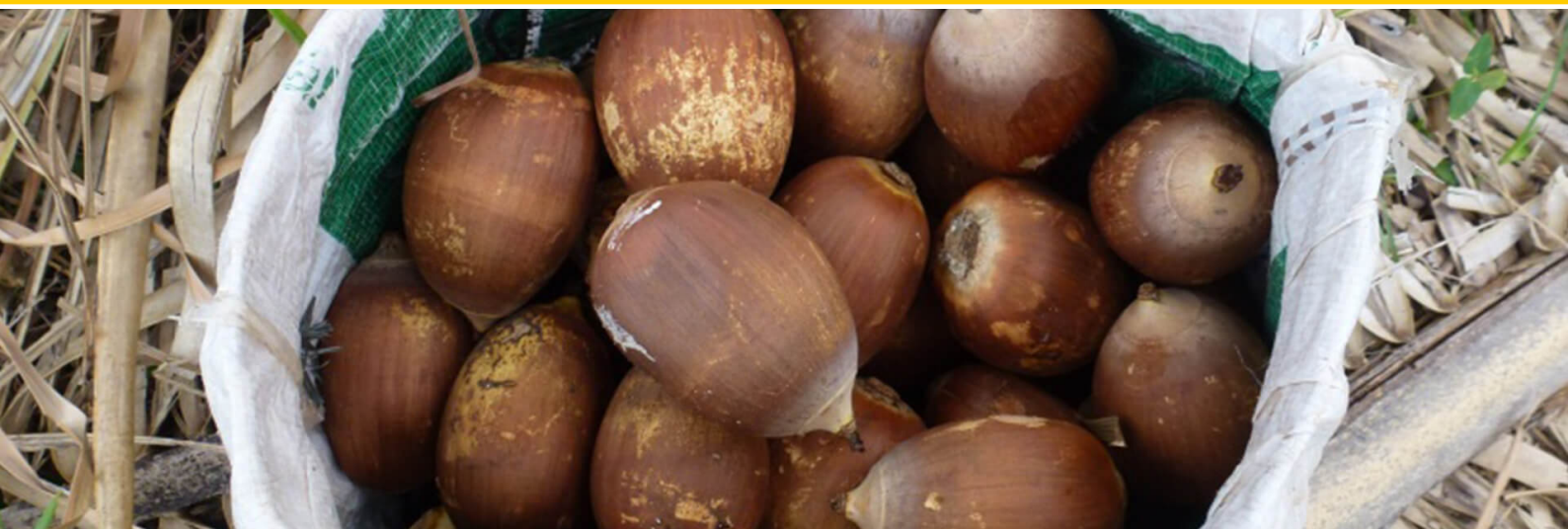


Babassu oil

A silky oil from the forests of Brazil for cosmetics



Due to its fatty acid spectrum with a predominant proportion of lauric acid (C 12: 38 - 46 %), the melting point is approx. 24° C and is therefore very similar to coconut oil. Lauric acid is attributed the special attribute of antimicrobial effect.

Qualities & Usage

We carry Babassu oil in the following qualities for you

Art.-Nr.	Quality	Cosmetics	Food	Pharmaceutics
150030	Babassu oil refined	Yes		
150130	Organic babassu oil refined	Yes		



Babassu oil

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Babassu palm & babassu nut

The Brazilian babassu palm (*Attalea speciosa*), belongs to the Arecaceae family, which grows in the Amazonas region of South America. The single-stem palm can reach a height of up to 30 metres and a trunk diameter of up to 50 cm. 12-20 leaves are arranged on the crown of the palm tree and grow between six and nine meters long. A palm tree bears between one and eight hanging inflorescences up to one meter long. These reach a length of up to two metres and a diameter of 20 cm. They consist of male or hermaphroditic flowers. The male flowers can produce up to 400 branches, each of which bears 15-100 individual flowers. The hermaphrodite inflorescences can have more branches, each of these branches carries male and female flowers. The hard-shelled babassu nut resembles the coconut visually with its brownish colour, but is only 10-12 cm long. The flesh, which can weigh up to 250 g, is mealy. Inside the fruit there are three to six seeds with a length of 3 to 6 cm. Among the indigenous cultures in the Amazon valleys, the Babassu Palm is also called the "tree of life". Native women, the quebradeiras de coco, collect the fallen wild fruit in the palm forests and crack it with an upturned axe or wooden club, because the nut is one of the hardest nuts in the world.

The babassu palm grows in good soil with high rainfall of 1500 to 2500 mm per year. If it occurs in dry areas, then along the course of rivers. However, the babassu palm does not tolerate flooding. Under optimal conditions, the babassu palm can live up to 200 years.



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Cultivation & yield

The largest stands of the babassu palm are in the northeastern Brazilian state of Maranhao. There, up to 10,000 palms grow on just one hectare.

Background / history

The babassu palm comes from the rainforests of the Amazon. The Babassu zone covers an area of 150,000 km². The mainly young palms grow mainly in locations where the rainforest has been thinned out.

Babassu palms are mined and used in their natural stands, therefore no plantations are cultivated.

However, large landowners do not consider the marketing of babassu nuts to be sufficiently profitable. Therefore, some babassu areas are left empty until the nuts rot or are burned. At the same time, there is massive interest in clearing these areas and making them available for soybean cultivation. Gustav Heess GmbH works together with a non-profit cooperative from the Maranhão, which aims to improve the quality of life of rural babassu nut growers and to preserve them.



Babassu oil

refined

**Article number:**

150030

INCI name:

Orbignya Oleifera Seed Oil

CAS number:

91078-92-1

Botanical name:

Orbignya Oleifera

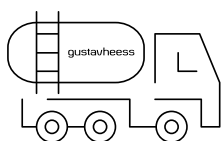
Usage:

Cosmetics

Origin:

Our refined babassu oil comes from wild collection and 100 % from Brazil.

Our packaging



25,000 kg Tank truck



180 kg Drum



25 kg Drum

General durability:

drum 18 months



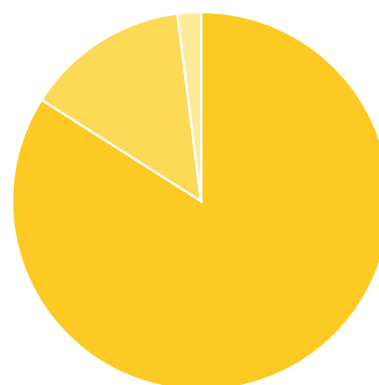
Nutritional values & composition

Nutritional value	(per 100g)
Energy	3,700 kJ / 900 kcal
Fat	100 g
Saturated fatty acids	84 g
Monounsaturated fatty acids	14 g
Polyunsaturated fatty acids	2 g

Composition

C12:0 Lauric acid	38 – 56 %
C14:0 Myristic acid	11 – 27 %
C18:1 Oleic acid	9 – 20 %

Fatty acids ratio



Babassu oil

refined



Production & description

Babassu oil is obtained from the seeds of the babassu palm *Orbignya Oleifera* (Palmaceae) by pressing and subsequent refining.

A light yellow to white unctous mass with slight characteristic odour.



Babassu oil

refined

Gustav Heess

Babassu oil refined

The babassu nut is one of the hardest nuts in the world. It is opened by hand with an upturned axe and a wooden club which pushes the axe blade into the nut. The kernels contained in the nut are collected and transported to the oil presses, where the raw babassu oil is obtained, which is then refined.

We work together with a non-profit cooperative from the Maranhão, which aims to improve the quality of life of rural babassu nut growers and to preserve them. This includes basic rights, such as equality, a right to food and education.



Babassu oil

refined

Usage

With body contact the babassu oil begins to melt immediately and causes a silky, extremely smooth skin feeling. When it melts, a slight cooling effect is produced, which is perceived as a feeling of freshness.

It has a high spreading effect, but at the same time it has a viscosity reducing effect when used in emulsions. Due to its versatile properties it can be used in a correspondingly flexible way. For example, in dry skin but also - thanks to its antimicrobial and cooling effect - in oily scalps and slight inflammations (also acne).

For soap manufacturers it is extremely popular as a base oil, as the strong creamy foam is perceived as smooth and supple.

Cosmetics



Babassu oil

refined



Sustainability & responsibility

By working together with a local non-profit cooperative from the Maranhão for several years, we protect the wild growing babassu palm from being displaced by other crops.

The "quebradeiras" depend on self-sufficiency of this nut in everyday life, as every part is used and is of essential importance. For example, the wood is used to build houses, bridges and benches; the leaves are used for roofs, walls, doors and windows because they are rainproof; the fibres for mats, torches or bird cages; the kernels for oil or soap and their remains as animal feed or fishing bait; the shell for charcoal, as the main source of fuel for cooking, and the resulting smoke as insect repellent.



Organic babassu oil

refined

**Article number:**

150130

INCI name:

Orbignya Oleifera Seed Oil

CAS number:

91078-92-1

Botanical name:

Orbignya Oleifera

Usage:

Cosmetics

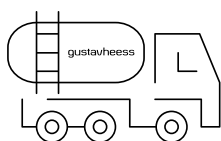
Certificates:

analog EU organic

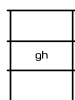
Origin:

Our refined babassu oil organic comes from wild collection and 100% from Brazil.

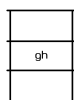
Our packaging



25,000 kg Tank truck



180 kg Drum



25 kg Drum

General durability:

drum 18 months



Organic babassu oil

refined

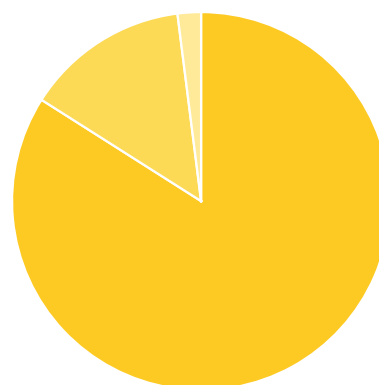
Nutritional values & composition

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Composition

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C18:1 Oleic acid	9 – 20 %

Fatty acids ratio



Organic babassu oil

refined



Production & description

Organic babassu oil is obtained from the organic seeds of the babassu palm *Orbignya Oleifera* (Palmaceae) by pressing and subsequent refining.

A light yellow to white unctous mass with slight characteristic odour.



Organic babassu oil

refined

Gustav Heess

Organic babassu oil refined

The babassunut is one of the hardest nuts in the world. It is opened by hand with an upturned axe and a wooden club which pushes the axe blade into the nut. The kernels contained in the nut are collected and transported to the oil presses, where the raw babassu oil organic is obtained, which is then refined.

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