



PRODUCT DATA SHEET

Buriti Oil



Buriti oil extracted through a cold pressed method

Ingredients: Buriti

Origin: Loreto (Perú)

Certifications:



BURITI

Mauritia Flexuosa, known as buriti, aguaje in Peru, is a palm tree that can reach 35 m high, and grows in the wet, tropical weather of the Amazon rainforest in South America. It prefers swampy ecosystems, where it grows in large groups of palm trees called “aguajales”. It is estimated that there are around 3 million ha of “aguajales” in Peru. Recent studies have shown that aguaje palm trees have a larger capacity of CO₂ absorption than other plants. This is why it is very important to protect these delicate ecosystems from deforestation and pollution. “Aguajales” produce an elliptical drupe-shaped fruit, of 4-5cm diameter, with a scaly, reddish shell.

CANDELA'S PRODUCERS

CANDELA's buriti producers are indigenous Awajun ethnic communities, working together in an association since 2013. Fruit harvesting and oil extraction involves more than 100 families, located in remote and pristine jungle areas of the Loreto Region, in the north of Peru. Their communities belong to the Environmental Conservation Areas of “Humedales de Bajo Morona” (Wetlands of Lower Morona). These are territories of the provincial municipality, with high environmental and cultural value, which are conserved or sustainably used under a special legal status, in a participatory way.

The sustainable use of natural resources not only allows producers to earn an income, but is also a form of environmental conservation. It offers an economic alternative to mining and hydrocarbon activities; collecting is done based on forest management plans that protect the species; moreover, Candela's producers use harnesses to climb the trees when collecting the “aguajes”, therefore avoiding cutting the palm trees and preserving their rich ecosystem.

Thanks to funding from the Australian Embassy, in 2015 CANDELA implemented a project to strengthen the organizational, productive and commercial capacities of producers, and more than 8.000 hectares of Amazon jungle were certified organic.

OIL COMPOSITION

Odor: Characteristic
Color: Reddish
Taste: Characteristic
Principal Composition: Linoleic Acid ($\Omega 6$) and Palmitic Acid (C16)

TECHNICAL DATA

INCI Name: Mauritia flexuosa fruit oil
CAS Number : 394239-67-9
EINECS Number: ND
Specific Gravity: 0.9126

FATTY ACID PROFILE

Fatty Acid	Composition %
Myristic Acid C14: 0	Traces
Palmitic Acid C16: 0	18.69 – 19.11
Palmitoleic Acid C16: 1	0.23 – 0.37
Stearic Acid C18: 0	1.23 – 1.37
Oleic Acid (Omega 9) C18: 1	75.28 – 76.12
Linoleic Acid (Omega 6) C18: 2	2.03 – 2.17
Linolenic Acid (Omega 3) C18: 3	Traces
Araquidic Acid C20: 0	1.49 – 1.91

POTENCIAL USE

Cosmetic buriti oil is rich in Vitamin A and phytoestrogens, and so helps keep skin supple and reduce dryness on skin damaged by solar radiation. It helps repair hair damaged by aggressive dyes.