



PRODUCT DATA SHEET

Sacha Inchi Oil



Sacha inchi oil extracted through a cold pressed method

Ingredients: Sacha Inchi

Origin: San Martin (Perú)

Certifications:



ECOSYSTEM

Plukenetia Volúbilis Linneo

Sacha inchi or Inka nut is a plant native of South America and grows on tropical areas with acidic soil and close to water bodies. It has been cultivated in the Amazon rainforest of Peru by rural and indigenous people for thousands of years.

The fruits are capsules of 3 to 5 cm in diameter with 4 to 7 points, are green and ripen blackish brown. On ripening, the fruits contain a soft black wet pulp that is messy and inedible. Fruit capsules usually consist of four to five lobes, but some may have up to seven. Inside are the seeds, oval, dark-brown, 1.5 to 2 cm in diameter and 45 to 100 grams of weight.

CANDELA'S PRODUCERS

Candela's sacha inchi producers are small farmers located in the Region of San Martin, a jungle department situated in the northwest of Peru. Sacha Inchi can be harvested throughout the year, but our suppliers has their higher productivity during the months of March to April and from July to October. During this stage the producers engaged in activities such as weeding, seeding, growing and harvesting.

OIL COMPOSITION

Odor : Characteristic
Color : Clear plate yellow
Taste : Characteristic
Principal Composition : Linoleic acid ($\Omega 6$) and Linoleic acid ($\Omega 3$)

TECHNICAL DATA

INCI Name: *Plukenetia Volubilis Seed Oil*
CAS Number: 68956-68-3
EINECS Number: 273-313-5
Specific Gravity: 0.93
Flash Point: 240°C

FATTY ACID PROFILE

Fatty Acids	Composition %
Palmitic Acid C16:0	3.0 - 5.5
Palmitoleic Acid C16:1	Trace
Stearic Acid C18:0	2.0 – 4.0
Oleic Acid (Omega 9) C18:1	8.9 – 10.46
Linoleic Acid (Omega 6) C18:2	32.1 – 37.64
Linolenic Acid (Omega 3) C18:3	44.7 – 51.0
Arachidic Acid C20:0	Trace
Gadoleic Acid C20:1	Trace

POTENCIAL USE

Cosmetic Sacha inchi oil is rich in Omega 3 and Vitamin A, helps restructure the skin and is recommended for use in cases of sensitive and irritated skin.

It helps protect the hair and nails from drying. It can be applied on the skin, dry and damaged hair with smooth long massages. For external use only.