

(*Salvia hispanica* L., *Plukenetia volubilis* L, *Helianthus annuus*)

VEGAN OMEGA 3,6&9

MICROENCASULATED

✓ **ORIGIN**

Elaborated by **ANDES KINKUNA S.A. Ecuador.**

✓ **DESCRIPTION**

White to beige powder, with a slight smell and characteristic flavor. It consists of small spherical particles dispersible in water. It is a balanced **mixture of Omega 3, 6 and 9 type fatty acids from vegetable oils** (Chia, Sacha Inchi, Sunflower) microencapsulated.

COMPONENTS

Maltodextrin
Gum argabic
Chia oil powder
Sunflower oil powder
Sunflower oil powder

FUNCTION

Encapsulating agent
Encapsulating agent
Contribution of omegas 3, 6 and 9
OMEGA 6 CONTRIBUTION
Contribution of omegas 3,6 and 9

PROPERTIES

The product is a lipid profile modulator, widely used in endogenous hypertriglyceridemia, as a supplement to the diet. The omega 3 fatty acid esters act on plasma lipids reducing the level of triglycerides and on homeostasis and blood pressure. They reduce the synthesis of triglycerides in the liver and increase the oxidation of fatty acids, which also contributes to the decrease in triglycerides.

Omega 6 essential fatty acids come in several forms, although the most popular are linoleic acid and arachidonic acid. Linoleic acid is anti-inflammatory and prevents bleeding and arthritis. In addition, it is also very effective in protecting the good state of the prostate and liver. For its part, arachidonic acid stimulates the immune system and helps improve skin health.

Omega 9 fatty acids help reduce the risk of cardiovascular disorders and strokes. It is also positive to eliminate harmful cholesterol from the blood.

PRODUCT ADVANTAGES

The mixture of omega 3, 6 and 9 microencapsulated fatty acids, constitute a nutritional contribution to the brain tissue and act on the cardiovascular system through a multitude of ways exerting a protective effect against cardiovascular risk and can contribute to reducing the risk of diseases cardiovascular and strokes. In addition, it provides a positive effect in the elimination of harmful cholesterol.

In trials conducted on liquid oil-based products such as soft capsules at a dose of 1g / day, the most common adverse effects were gastrointestinal disorders and nausea. The advantage of this microencapsulated product is that it allows the dose to be reduced from approximately 1 g to 260 mg because the microencapsulation process allows the formation of a polymeric structure that, when in contact with the gastric juice, forms micelles of the oil, which increases the absorption.

MANIPULATION AND STORAGE

- Keep in a cool and dry environment (temperature 15-30 °C, relative humidity ≤ 65%).
- Place the boxes on pallets.

TRANSPORTATION

- Transport in a clean and appropriate vehicle (closed). Keep pallet boxes isolated from the floor. It does not need refrigeration conditions during transportation. Comply with the recommended temperature and humidity conditions in storage.

USEFULL LIFETIME

730 days from the date of manufacture, meeting the recommended storage conditions.

APPLICATIONS

Ideal compose for the creation of capsules for cardiovascular and cerebral health in the pharmaceutical industry.

- **Food industry:**
For the creation of nutritional supplements, which contribute to improve cardiovascular and cerebral health.
- **Beverage industry:**
Elaborated for functional drinks.
- **Pharmaceutical industry:**
Ideal compose for the creation of capsules for cardiovascular and cerebral health

COMPOSITION OF FATTY ACIDS PER 100G

This is the composition of fatty acids in the mixture per 100 grams:

Parameter	%	
Palmitic acid	5.47%	± 0.44
Stearic acid	3.37%	± 0.44
Oleic acid (Omega 9)	23.83%	± 0.24
Linoleic acid (Omega 6)	46.18%	± 0.501
Linolenic acid (Omega 3)	10.20%	± 0.14
Omega 3 ratio: omega 6	1	4.5

About us:



Certifications

BPM CODE 0001-BPM-AN-0517
HACCP ready for the end of 2019

MADE IN ECUADOR

