PASSPORT

12053

AC Pina Colloida

Road Map Tour

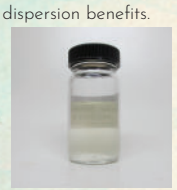
Start:

For our sourcing, we strategically identified three local methods to acquire pineapple crowns, meeting the requirements of each of our production sites.

Our expertise in biofermentation played a crucial role in crafting this active in a more delicate manner. By isolating yeast polysaccharides and combining them with the cellulose-rich PALF solution derived from pineapple crowns, we engineered a cross-linked biopolymer.

Final stop:

AC Pina Colloida is a sustainable innovative solution for safeguarding hair and skin, acting as a shield against environmental factors while improving film-forming protection, along with added texture, moisture & dispersion benefits.



Unveil beauty's shield against global warming impact with a film-forming pineapple biopolymer, a fusion of protection for your skin/hair and our planet.

Global warming, marked by record temperatures, directly affects the aging and quality of skin and hair. Cosmetic formulations employ diverse ingredients to safeguard these areas, with biopolymers being pivotal. Our goal was to develop an innovative solution using a natural polymer as a shield against environmental factors, emphasizing eco-friendliness through sustainable sourcing. Drawing inspiration from cellulose-based polymers and pineapple leaf fiber (PALF) technologies, our focus on waste reduction led us to explore pineapple crowns, resulting in the creation of AC Pina Colloida. Capitalizing on local sourcing: US/NC - waste from a local grocery store, EU/IT - cultivating and fruit processing specialist, and Asia/TW - local family farm, we are able to transform agricultural waste into valuable products. This not only helps curb pollution but also contributes to the circular economy's closed-loop system.

We want to be transparent in our supply chain from harvest to production. It's important to know where our raw materials come from and where they are going.

Safety & Toxicology

- Non-phototoxic
- Non-irritant to skin
- Non-sensitizing
- Non-irritant to eyes
- Non-harmful to aquatic life

Regulatory

INCI: Water & Ananas Sativus (Pineapple) Fiber Crosspolymer & Lactobacillus Ferment

CAS: 7732-18-5 & 68917-26-0 & 68333-16-4 (or) 1686112-36-6 (or) 9015-54-7

EUROPE: Contact us

USA: Compliant

CHINA: Contact us

Specification

ORIGIN: Botanical/Bacteria	PRESERVATIVES: None
APPEARANCE: Clear to Slightly Hazy Liquid, Colorless to Yellow	SOLVENTS: Water
	USE LEVEL: 1 - 10%

Environmental Impact

Active Concepts Production

- 0.051 kg CO2e per kg
- 2.210 kW energy per kg
- 93.7 % Biodegradable after 28 days
- 0.275 litres water per kg
- 1.559 kg compost per kg

Animal Welfare

Never tested on animals and made from non-animal-derived ingredients. Neither we or our supply chain have allowed contact with any animal products, animal by-products, or derivatives.

Ethical Trade

Capitalizing on local waste, this practice efficiently redirects discarded materials from local consumption upstream into our specific new active process.

Community Welfare

In Asia, we partner with a local family farm in Taiwan that distributes fresh produce in community markets, prioritizing non-toxic farming methods to maintain fruit freshness and consumer health.

Version#1/05-04-24/Form#163