

PASSPORT



20963

# AC Poly Jackharides



## Start:

Jackfruit is harvested in Sri Lanka, India, and Malaysia.



Active Concepts obtains jackfruit waste from the food industry. 70-80% of jackfruit consists of non-edible waste to be discarded.

## Final stop:

Upcycled waste finds new life as AC PolyJackharides



## Road Map Tour

Upcycled waste sourced from the food industry, utilizing circular economy sustainability

Circular economy sustainability encompasses product development that ultimately lessens environmental impact, improves the well-being of the consumer, and economically mitigates negative impacts that may hinder movement towards a "greener" economy.

By obtaining and reanimating discarded waste from the vegan, jackfruit, food supply chain to produce AC PolyJackharides, ingredient yield is maximized from an economic standpoint, producing efficacious products that are essentially waste free, benefiting the well-being of both the environment and the consumer.

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 & Artocarpus Heterophyllus Fruit Extract

CAS: 7732-18-5 & 93333-78-9

EUROPE: Compliant

USA: Compliant

JAPAN: Compliant

CHINA: Contact Us



## Specification

ORIGIN: Botanical/Bacteria

PRESERVATIVES: None

SOLVENTS: Water

APPEARANCE: Semi-Fluid Gel, Colorless to Yellow

USE LEVEL: 1.0 - 10.0%

## Environmental Impact

Active Concepts Production

0.20 kg CO2e per kg

0.20 kW energy per kg

91.8% Biodegradable after 28 days

0.98 litres water per kg

0.05 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

Jackfruit is grown by suppliers that adhere to fair trade practices.



## Community Welfare

Our supplier supports their farmers and their families to send young children to schools as well as house them in safer environments. They are eligible for loans, grants, bonuses, and free health care.

