

Eat Well, Live Well.



AMIHOPE®SB: Ajinomoto's Biodegradable, Environmentally Friendly Amino Acid Product That Can Be Used As A Substitute for Microplastic Beads In Cosmetics



NEWSLETTER



Microplastics' Harmful Environmental Impact



Image of microplastic particles

What are microplastics?

Microplastics are tiny plastic particles that result from both commercial product development and the breakdown of larger plastics.

How are microplastics harmful to the environment?

Microplastics don't readily break down since plastic can take thousands of years to decompose. This can harm marine ecosystems and even end up in the human food chain, which poses health risks.

What products contain microplastics?

Microplastic beads are often used in personal care products such as facial cleansers and toothpaste to help with the scrubbing function. They're also commonly found in make-up and skincare products.

Ajinomoto Group's eco-friendly solution to microplastic beads

The Ajinomoto Group recently launched the AMIHOPE®SB series, which replicates the distinctive texture and feel of traditional microplastic beads, but is biodegradable and does not contain any plastic, which makes it an environmentally friendly alternative.

By leveraging amino acid science, the AMIHOPE® SB series applies the functions and characteristics of lauroyl lysine (a combination of lauric acid found in palm trees and the amino acid lysine) to naturally recreate spherical particles, which resulted in successfully developing an alternative to microplastic beads for cosmetics that have the same feel and function as conventional microplastic.

Why this matters to the Ajinomoto Group

The Ajinomoto Group set a goal to eliminate plastic waste by 2030. As part of their efforts, they are developing a companywide program to reduce plastic usage and shift to recyclable materials for plastic that cannot be eliminated entirely. Cosmetic materials with low environmental impact can support both a sustainable global environment and people's lives. The product name AMIHOPE® embodies the Ajinomoto Group's desire to support flourishing society and environments.

Related Materials

[Press Release](#): Ajinomoto Co., Inc. Succeeds in Developing a Highly Biodegradable Alternative to Plastic Microbeads for Cosmetics

[LinkedIn Post](#) on AMIHOPE® SB (post date: January 24th, 2023)

Contact Information

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