

SIPERNAT® PC as an (environment friendly) alternative to microplastics in cosmetics

SIPERNAT® 

REPLACEMENT FOR POLYMER MATERIALS

In order to protect the world's oceans from microplastic pollution, the cosmetics industry is increasingly searching for more alternative ingredients. Up to now, many cosmetic formulations have included polyethylene and polypropylene, which have been subjects of the discussion surrounding ocean pollution. SIPERNAT® PC can replace these materials in cosmetics.



SIPERNAT® PC

SIPERNAT® PC silica was developed as a functional additive offering a nature-identical alternative to microplastic in cosmetics. While it is primarily used as a peeling particle in shower gels and in face- and body-peeling products, its role in moisturizing and toner creams, foundations, make-up, and face powder is to improve sensory characteristics, leaving behind a better, elegant skin feel. The products also have a matting effect on the surface of the skin.

LESS MICROPLASTIC IN THE OCEANS

These tiny plastic particles enter our wastewater and from there find their way into the ocean unfiltered, where fish ingest them. Microplastic then enters the human body when we consume these fish. Each year, up to approx. 130,000 metric tons of microplastic enter the oceans from Europe alone, approx. 2,600 metric tons of which come from cosmetic products.

PRESERVING RESOURCES

The use of SIPERNAT® PC allows manufacturers to replace the polymer products that have been used in cosmetics up until now. Doing so will help the environment, because less microplastic will enter the world's oceans as a result. All SIPERNAT® PC products come with certificates that allow usage in natural cosmetic products.

CERTIFICATIONS

SIPERNAT® PC products meet multiple standards commonly used in the cosmetics industry:

- COSMOS
- NATRUE

They are also classed as a „derived mineral“ according to Table 1 of ISO 16128-2, and their degree of naturalness is rated as follows:

- Natural Index: 0
- Natural Origin Index: 1
- Organic Index: 0
- Organic Origin Index: 0

Our production sites are certified with ISO 9001 and have implemented a HACCP system. Many of our products hold Kosher and Halal certification.

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