

Is Your Sunscreen Killing Coral Reefs?

Common Sunscreen Ingredients Toxic to Coral:

Zinc Oxide & Titanium Dioxide

Although frequently touted as reef-safe, recent scientific studies have discovered that Zinc Oxide and Titanium Dioxide (ZnO and TiO₂) interact in seawater and UV light to produce Hydrogen Peroxide, which is toxic to Phytoplankton. TiO₂ in nanoparticle form has also been shown to “stress” Phytoplankton—a nutrient vital to the health of marine ecosystems.

Oxybenzone

Recent studies conclude that Oxybenzone damages coral DNA, causing deformities and inhibiting the coral’s ability to reproduce. Oxybenzone also acts as an endocrine disrupter, causing juvenile coral to encase themselves within their own skeleton, contributing to their death and preventing future generations from repopulating.

Butylparaben

Butylparaben is a common preservative found in about 85% of personal care products—including many brands of sunscreen. Recent studies show it can stimulate viruses found in coral that are normally dormant. “Awakening” these viruses results in rapid reproduction that eventually causes the viruses to burst from their algal host, spilling into the surrounding seawater—potentially spreading the problem to other nearby coral communities.

Octinoxate

Like Oxybenzone, Octinoxate can be an endocrine disruptor to coral. Although Octinoxate is typically used in smaller amounts in most sunscreen products, it takes much longer to biodegrade, making it equally hazardous.

Coral Bleaching is
Happening Everywhere!



For links to studies
and to learn more
about Reef-Friendly
Sunscreen, visit:
CORALISLES.COM



Reef-Friendly Sunscreen

**Help Save the Coral Reefs
with Coral Isles Sunscreen!**

Coral Isles™ sunscreen is devoid of common ingredients shown to be harmful to coral. By choosing Coral Isles, you become an ally in the fight to preserve the world’s coral reefs!