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# SUNSCREEN LABELS

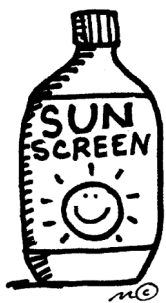
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Sunscreen with oxybenzone can destroy coral reefs.  
Always read the label!

**The effects of oxybenzone in sunscreens are toxic at the concentration equivalent to a drop of water in an Olympic pool.**

Dear Guests,

As early as 2008, scientists warned that certain sunscreen compounds pose an ecological threat to corals. New research (2015) has confirmed that the following sunscreen ingredients can kill or cause bleaching in corals, act as endocrine disruptors, and damage DNA even at very low concentrations:



**Oxybenzone (benzophenone-3, BP-3)**

**Butylparaben**

**Octinoxate**

**4-methylbenzylidene camphor (4MBC)**

Around the world, about 4,000-6,000 tons of sunscreen washes off of people and into our oceans each year! That's a lot of sunscreen considering how little it takes to cause toxic effects. Therefore, sunscreen is now part of a long list of threats to coral reefs that include pollution, over-fishing and climate change.

**Chumbe Island urges you to carefully consider what's in your sunscreen before applying it and swimming in our unique coral reef. Recommended are sunscreens with **titanium oxide** or **zinc oxide**, which are harmless to corals. Please apply sunscreen well in advance, and/or wear a wetsuit or skinsuit instead.**

Thank you for helping us protect our coral reef.

**The Chumbe Island Team**

# CORAL SAFE SUNSCREEN

Choose this oxybenzone-free sunscreen to help us protect our coral reefs

## Alverde Sunscreen, SPF 20, 50 ml

- Mineral based sunblock with titanium dioxide which protect against both UVA and UVB rays
- Natural cosmetic
- No preservatives & paraben free
- Vegan
- Also ideal for face
- Available for fair and dark skin type

Ingredients: Aqua, Helianthus Annuus Seed Oil\*, Coco-Caprylate, Titanium Dioxide (nano), Zinc Oxide, Olea Europaea Fruit Oil\*, Alcohol, Isoamyl Laurate, Glycerin, Polyglyceryl-2 Dipolyhydroxystearate, Polyglyceryl-3 Diisostearate, Undecane, Stearic Acid, Simmondsia Chinensis Seed Oil\*, Magnesium Sulfate, Aluminum Hydroxide, Tridecane, Macadamia Integrifolia / Tetraphylla Seed Oil\*, Levulinic Acid, Parfum\*\*, Tocopherol, Sodium Levulinate, Alumina, Limonene\*\*, Linalool\*\*, Benzyl Alcohol\*\*, Benzyl Salicylate\*\*, Geraniol\*\*, Citral\*\*, Eugenol\*\*, CI 77491, CI 77492, CI 77499, CI 77891

\*from natural organic agriculture \*\*from natural essential oils



## DID YOU KNOW?

**SPF** stands for **Sun Protection Factor**, and is a relative measure of how long a sunscreen will protect you from ultraviolet UVB rays. For example, if you'd burn after 20 minutes in the sun, an SPF 30 sunscreen protects you for about 10 hours (if used correctly!). However, intensity and wavelength distribution of UVB rays vary throughout the day and by location, and that calculation does not apply to UVA rays.

Regardless of which SPF you use, **apply reef-safe sunscreen at least 30 minutes before going into the reef** to allow it to adhere to your skin.

Due to the purely mineral light protection filter, a whitening effect can occur on your skin.