

## **SAVE OUR REEFS FROM HARM BY CHOOSING SUNSCREENS WITHOUT TOXIC CHEMICALS!!**

### **List of Unsafe, Toxic Chemicals in Sunscreen – CHECK LABELS CAREFULLY**

- Para amino benzoic acid
- Octyl salicyclate
- Oxybenzone
- Cinoxate
- Dioxybenzone
- Phenylbenzimidazole
- Homosalate
- Menthyl anthranilate
- Octocrylene
- Methoxycinnamate
- Parabens

### **10 Safe / Least Toxic Sunscreen Picks (From EWG Sunscreen Guide):**

All Terrain AquaSport Natural Sunscreen, SPF 30

Badger Chamomile & Calendula Baby Sunscreen Cream, SPF 30

Badger Unscented Sport Sunscreen Cream, SPF 35

Babo Botanicals Fragrance Free Clear Zinc Sunscreen, SPF 30

COOLA Unscented Suncare Sport Moisturizer Classic Sunscreen, SPF 45

Climb On! Mineral Sunblock, SPF 30

Juice Beauty Oil-Free Moisturizer, SPF 30

The Honest Company Sunscreen, SPF 30

Suntegrity Skincare Natural Mineral Sunscreen for Body, SPF 30

Yes to Carrots Fragrance Free Nourishing Daily Moisturizer, SPF 15

# CORAL BLEACHING

Have you ever wondered how a coral becomes bleached?

## HEALTHY CORAL

1 Coral and algae depend on each other to survive.



Coral has a symbiotic relationship with microscopic algae called zooxanthellae that live in their tissues. These algae are the coral's primary food source and give them their color.

## STRESSED CORAL

2 If stressed, algae leaves the coral.



When the symbiotic relationship becomes stressed due to increased ocean temperature or pollution, the algae leave the coral's tissue.

## BLEACHED CORAL

3 Coral is left bleached and vulnerable.



Without the algae, the coral loses its major source of food, turns white or very pale, and is more susceptible to disease.

## WHAT CAUSES CORAL BLEACHING?

 **Change in temperature**  
Increased ocean temperature by climate change leading to coral bleaching.

 **Runoff and storms**  
Storms and runoff can rapidly carry pollutants that cause coral to bleach near shore.

 **Overexposure to sunlight**  
When temperatures are high, high solar irradiance contributes to coral bleaching in shallow waters.

 **Extreme low light**  
Exposure to extreme low light can cause coral bleaching.

   
NOAA Coral Reef Conservation Program  
http://coral.noaa.gov

**CHEMICALS IN SUNSCREENS HAVE BEEN LINKED TO "CORAL BLEACHING"**