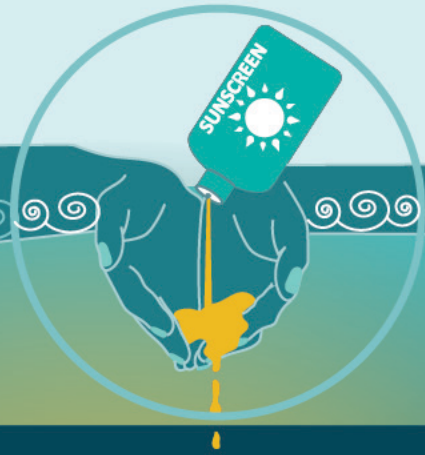


SUNSCREEN CHEMICALS AND MARINE LIFE

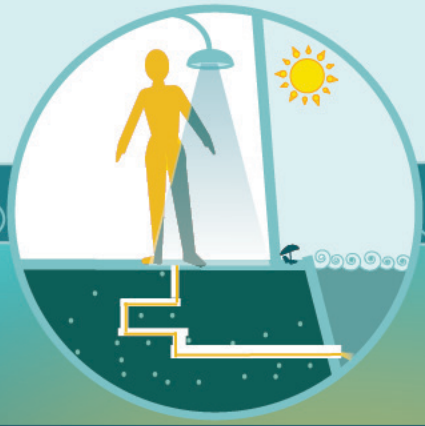
How sunscreen chemicals enter our environment:



The sunscreen you apply may not stay on your skin.



When we swim or shower, sunscreen may wash off and enter our waterways.



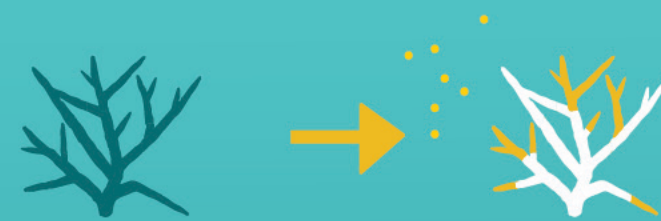
How sunscreen chemicals can affect marine life:

Chemicals in some sunscreens that can harm marine life:

- 3-Benzylidene camphor
- 4-Methylbenzylidene camphor
- Octocrylene
- Benzophenone-1
- Benzophenone-8
- OD-PABA
- nano-Titanium dioxide
- nano-Zinc oxide
- Octinoxate
- Oxybenzone



GREEN ALGAE: Can impair growth and photosynthesis.



CORAL: Accumulates in tissues. Can induce bleaching, damage DNA, deform young and even kill.



MUSSELS: Can induce defects in young.



SEA URCHINS: Can damage immune and reproductive systems, and deform young.



FISH: Can decrease fertility and reproduction, and cause female characteristics in male fish.



DOLPHINS: Can accumulate in tissues and be transferred to young.

Here are a few ways to **protect ourselves** and **marine life**:

Consider sunscreen without chemicals that can harm marine life, seek shade between 10 am & 2 pm, and use Ultraviolet Protection Factor (UPF) sunwear.



Seek shade



Umbrella



Sun hat



Sunscreen



UV Sun glasses



Sun shirt



Leggings

