

SUNSCREEN CHEMICALS AND MARINE LIFE

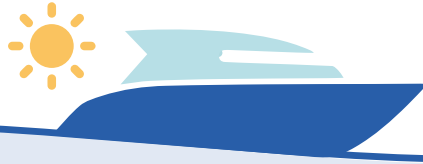
SCAN ME FOR MORE INFORMATION



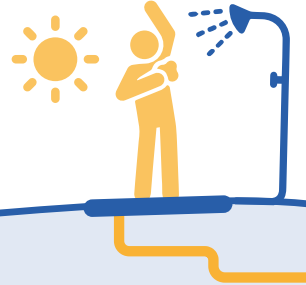
HOW SUNSCREEN CHEMICALS ENTER OUR ENVIRONMENT:



The *sunscreen* you apply may not stay on your skin.



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

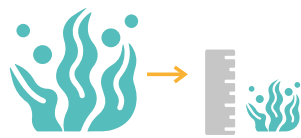


HOW SUNSCREEN CHEMICALS CAN AFFECT MARINE LIFE:

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
- Avobenzone

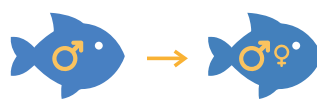
OUR WATERWAYS AND OCEAN ARE AT RISK DUE TO SUNSCREEN POLLUTION



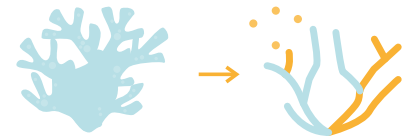
GREEN ALGAE:
CAN IMPAIR GROWTH AND PHOTOSYNTHESIS.



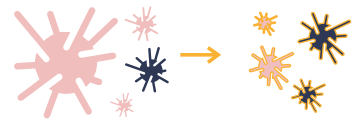
MUSSELS:
CAN INDUCE DEFECTS IN YOUNG.



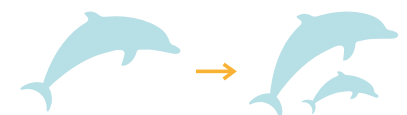
FISH:
CAN DECREASE FERTILITY AND REPRODUCTION, AND CAUSE FEMALE CHARACTERISTICS IN MALE FISH.



CORALS:
ACCUMULATES IN TISSUES. CAN INDUCE BLEACHING, DAMAGE DNA, DEFORM YOUNG AND EVEN KILL.



SEA URCHINS:
CAN DAMAGE IMMUNE AND REPRODUCTIVE SYSTEMS, AND DEFORM YOUNG.



DOLPHINS:
CAN DECREASE FERTILITY AND REPRODUCTION, AND CAUSE FEMALE CHARACTERISTICS IN MALE FISH.

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



Reef friendly sunscreen



UV Sun glasses



Sun buff



UV Shirt



Leggings

Source: oceanservice.noaa.gov/sunscreen



ROATAN
MARINE PARK



LOOK FOR REEF
FRIENDLY PRODUCTS