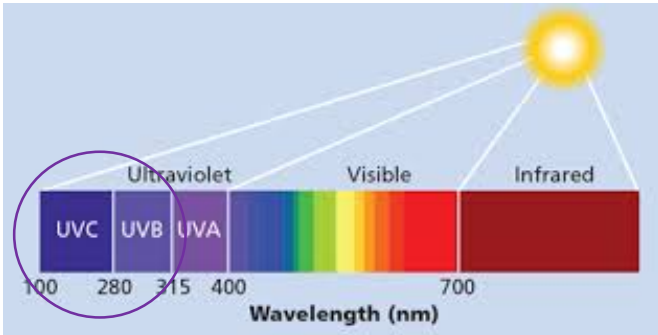




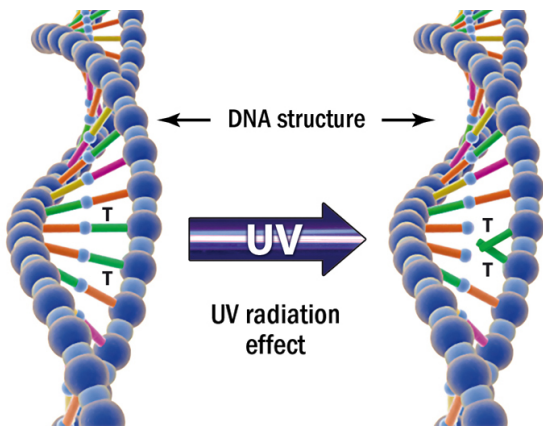
What is UVC light?



UVC light is a **short** wavelength of light that does not exist naturally in the atmosphere.

It is different from UVA and UVB light, and it is **safe for use on electronics, plastics and other materials.**

How does UVC light kill viruses?



- ❖ Because UVC is not naturally in the atmosphere, viruses and bacteria have no built up resistance to it.
- ❖ UVC light disrupts the DNA or RNA strands of the contagion.
- ❖ **It's not just waving a wand—even a UVC wand! You need the math for the magic.**

What's the magic formula?

$$\text{UVC} / (\text{distance to surface})^2 \times \text{length of time} = \text{efficacy}$$

- ❖ The light must be held steady within a short distance from the contaminated surface—ideally 50mm (5cm)
- ❖ The UVC light must be maintained at this distance for at least 60 seconds, repeated across the entire surface of the object being cleaned.