

# CHANNEL

Facilities Management

"Your channel to a greener future"

## Fogging and the germ war

Like it or not, we're fighting a germ war, and always have been. Now though, clients, public and service providers are more aware of the risks, and we have better weapons at our disposal. CHANNEL FM's, Commercial and Safety Manager of cleaning and FM services specialist Joe Gregory-Foster, demystifies fogging as a sanitisation technique.

Chemical or bio-fogging has been around a long time as a way of sanitising interior spaces in buildings. But what once was a highly specialised (and costly) cleaning technique for clean rooms, hospitals and the food processing sector is now sweeping into the mainstream.

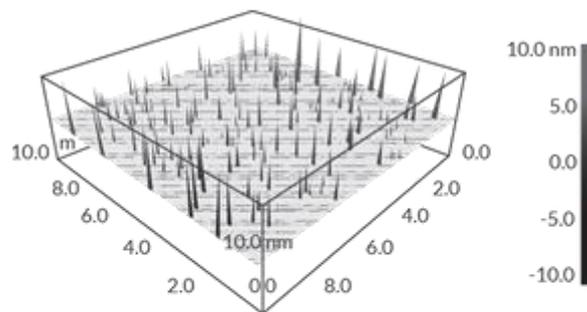
There are various factors spreading its appeal. As in other areas of cleaning, the progress made in developing new chemical treatments has been remarkable. Historically, various chemicals including formaldehyde, phenol-based agents and compounds of ammonium have been used in fogging. Many had not been properly tested for potential effects on human health, some were toxic and others even damaged materials they came into contact with. We are now able to offer this type of clean using our Virocidal, to combat the germs. There is no product on the market that kills the Covid 19 (Coronavirus) at present, but we are fighting against this in taking precautions. Our product Z-71 has been accredited in being 99.99% effective on reducing the virus.

Advances in biocidal technology have bypassed these problems so that bio-fogging is now known to be both safe and effective. In practical terms, not only is it now far more straightforward to carry out fogging it is a lot more effective on sanitising premises.

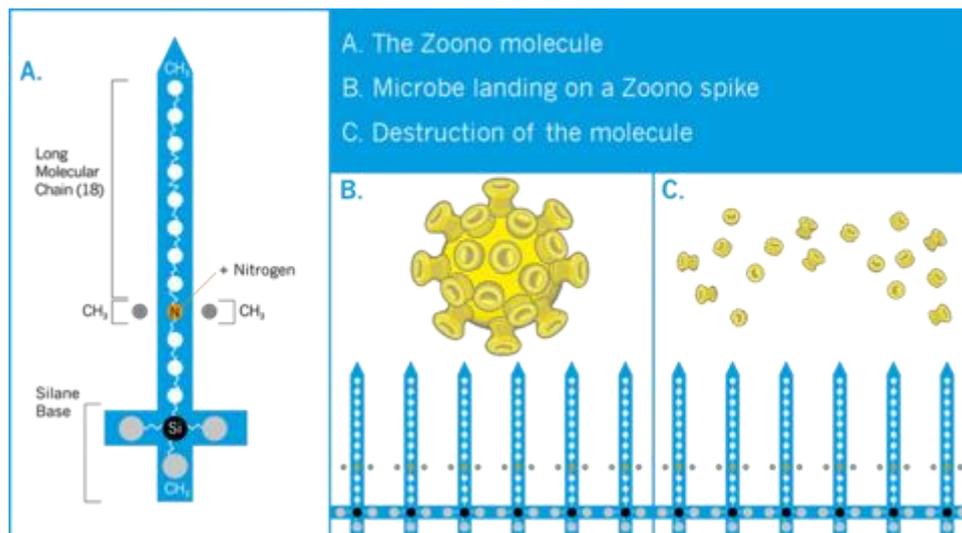


# HOW IT WORKS

## The Zoono Molecule



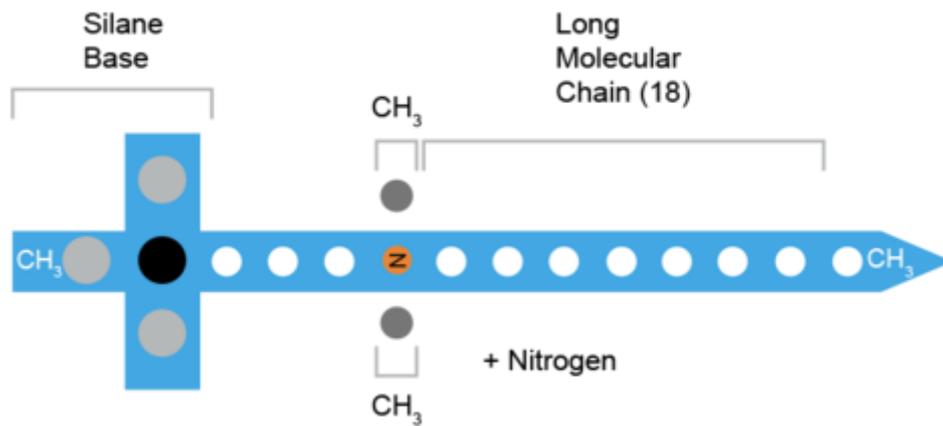
**Zoono** technology can be applied as a mist for homes/schools/businesses, as a spray, wiped onto a surface or even used as a textile dip/application. It does not require mixing (ready to use) and is safe to handle and store. When the **Zoono** application dries, the micro thin coating forms a super strong bond with the treated surface. It can be likened to having millions of sword shaped spikes on the surface – each of which will attract, pierce and either kill the bacteria or inactivate the virus. Just like a pin popping a balloon. This process is known as lysis.



Because it does not diminish in strength in relation to the number of pathogens killed and eliminated, the **Zoono** molecule (the **Zoono** "Sword") is capable of attacking new bacteria cells again and again – with only a single application. And, because it

does not kill the pathogen by poisoning with toxic chemicals, they cannot adapt to it so there is no possibility of immunity developing (i.e. no possibility of superbugs).

Indeed, due to the combined factors of **Zoono** not diminishing in strength, not leaching off a surface, not being affected by regular washing and therefore being able to retain a mechanical method of kill or inactivation, **Zoono** remains active for up to a month – with just a single application.



**Zoono** is colourless, odourless, non-leaching, environmentally safe, non-corrosive and whilst safe for humans and animals, it is effective in killing/eliminating or deactivating a wide range of bacteria, mould, fungi, yeasts and viruses.

