

Coronavirus (COVID-19)

Low Cost Anti-Viral Product

Our deodorisers are effective at eradicating enveloped viruses like COVID-19 (SARS-CoV-2)

Our Deodorisers have an active ingredient of a quaternary ammonium compound. This has proved to be highly effective at inactivating (we don't say kill as the virus is not actually alive) any lipid style virus, of which SARS-CoV-2 is one.

Enveloped viruses like SARS-coV-2, which rely on a protective lipid coating, are the easiest type to deactivate. In contrast with many gastrointestinal viruses like norovirus which have a tough protein shell called capsid, viruses with this fatty wrapping are relatively vulnerable.

“It's much more sensitive. It's sort of a wimpy protective shell”, says virologist Seema Lakdawla of the University of Pittsburgh.

There are a few ways to burst this flimsy shell. Alcohol-based products disintegrate the protective lipids. Quaternary Ammonium disinfectants attack protein and lipid structures, thwarting the pathogen's typical mode of infection. Bleach and other potent oxidizers swiftly break down a virus's essential components.

For easy and effective treatment the deodorisers should be applied by fine mist spray or by using a fogger and left on the surface for at least ten minutes or longer to allow the product to work.



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