



Guidance document: Coronavirus 2019-nCoV

Background

Coronaviruses are a large family of viruses. Some can cause illness in people including mild symptoms, such as the common cold. Other strains can lead to pneumonia and cause more severe disease e.g. SARS and MERS.

Surface disinfection

Ultra Violet and Quattro Extreme have been assessed for virucidal activity following test methods such as BS EN 14476 and BS EN 14675. Results show they are effective against a range of viruses such as the H1N1 influenza virus, Norovirus, Hepatitis B, Hepatitis C, HIV and the Ebola virus.

The Coronavirus is not currently available for commercial laboratories to test against so we cannot give a definitive contact time and dilution rate. However, given the above test data we can reasonably expect Ultra Violet and Quattro Extreme to have efficacy against the virus.

We would therefore recommend using the below products for general disinfection in the infection prevention and control for the 2019-nCoV.

Product	Concentration	Contact time
Ultra Violet	1:10	5 minutes
Quattro Extreme	1:10	5 minutes

Where specific cases are suspected or identified we would recommend an additional step of applying 1000ppm Viceroy Plus (after precleaning with Ultra Violet/Quattro . We advise the use of these products for precleaning to minimise the risk that the cleaning cloths become a cross contamination.

To achieve 1000ppm bleach see below products.

Product	Preparation	Concentration	Contact time
Biospot	1 tablet in 1L water	1000ppm	15 minutes
Viceroy Plus	10ml/litre	10,000ppm	5 minutes

Hand hygiene

Wash hands with soap and water for at least 20 seconds or use an alcohol hand rub such as **So Sterile** if hands are visibly clean.

Consult Public Health England for the latest advice.

<https://www.gov.uk/government/organisations/public-health-england>