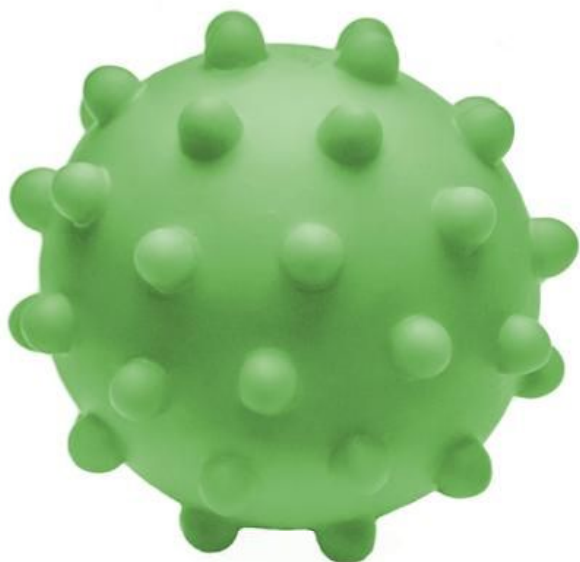


Collaton Consultancy Limited have curated a series of documents to provide you with information.

If, after reading these documents, you need help and advice interpreting and implementing these documents the please contact us via the details above.

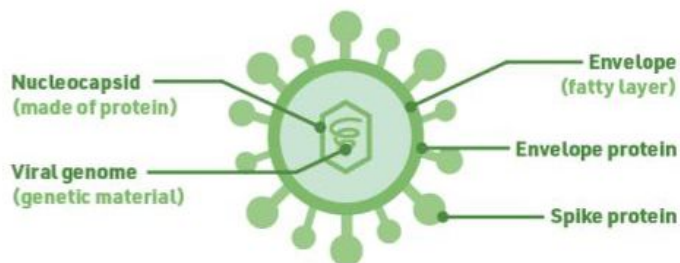
Collaton Consultancy Limited provide Expert Witness services, training, consultancy, and Authorising Engineer (Water) services relating to water treatment, Legionella and Pseudomonas aeruginosa.

# FOUR WAYS TO DESTROY CORONAVIRUS



## THE ANATOMY OF THE VIRUS

Coronaviruses are a group of viruses. The specific coronavirus that causes COVID-19 is called SARS-CoV-2.



SARS-CoV-2 is a new virus, so there's currently no treatment for it. By cleaning hands and surfaces we can stop it spreading.

## 1 SOAP AND WATER



✓ HANDS ✓ HARD SURFACES

### SOAP MOLECULES



### WASH HANDS FOR A MINIMUM OF 20 SECONDS

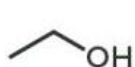
#### HOW DOES IT DESTROY THE VIRUS?

Soap molecules dissolve the fatty outside layer of the virus. Any type of soap is effective, so it doesn't matter what type you use.

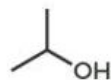
## 2 ALCOHOL HAND SANITISER



✓ HANDS ✓ HARD SURFACES



ETHANOL



ISOPROPANOL

### MIN. 60% ALCOHOL (HANDS) OR 70% (SURFACES)

#### HOW DOES IT DESTROY THE VIRUS?

Alcohol molecules dissolve the fatty outside layer of the virus and damage the structures of virus proteins.

## 3 BLEACH SOLUTION



✗ HANDS ✓ HARD SURFACES



SODIUM HYPOCHLORITE



Don't mix bleach with other cleaners. This can generate toxic chlorine gas.

### MINIMUM CONCENTRATION OF 0.1% HYPOCHLORITE

#### HOW DOES IT DESTROY THE VIRUS?

Bleach oxidises and destroys virus proteins and genetic material. It should be left on surfaces for at least 10 minutes.

## 4 HYDROGEN PEROXIDE



✗ HANDS ✓ HARD SURFACES



HYDROGEN PEROXIDE

Don't mix peroxide with vinegar. This makes corrosive peracetic acid.

### MINIMUM CONCENTRATION OF 0.5% PEROXIDE

#### HOW DOES IT DESTROY THE VIRUS?

Peroxide oxidises and destroys virus proteins and genetic material. It should be left on surfaces for at least 10 minutes.

