



**VS.**



**Cleaning**

**Disinfecting**

*“Coronaviruses are enveloped viruses, meaning they are one of the **easiest types of viruses to kill with the appropriate disinfectant product.**”*

US EPA Press Release, March 5, 2020<sup>1</sup>

When it comes to fighting the spread of COVID-19, both **regular handwashing and disinfection of high-touch, hard surfaces are critical**. For disinfecting those surfaces though, it is important to use the right products.

**Cleaning is different than disinfecting and most cleaners are not disinfectants.**



## Cleaning

## Disinfecting

Removes germs, dirt, and impurities from surfaces or objects.



Actually kills germs on surfaces and objects.



Can be done with soap or detergent and water.



Should be done using US EPA listed disinfectants and ingredients.

## Quats

US EPA has listed<sup>2</sup> a number of ingredients for disinfection against SARS-CoV-2 – including a set of chemical formulations based on Quaternary Ammonium Compounds (Quats) as the active ingredient.

**Quats are trusted ingredients used to formulate effective disinfectants.**

**Quats kill dangerous microorganisms and germs.**

Quats can **kill dangerous microorganisms** even at very low concentrations and **are effective against a broad range of germs**.

Some common quats listed by the US EPA<sup>3</sup> to be used against coronaviruses include:

**Alkyl Dimethyl Benzyl Ammonium Chloride**

**Diocetyl Dimethyl Ammonium Chloride**



With the right products and proven ingredients, you can help protect yourself and your family at home and in public places like hospitals, schools and stores.