

Coronavirus Disease 2019 (COVID-19) and Metrex Surface Disinfectants

Protocols for Disinfection Efficacy on COVID-19

As of the date of this writing, there is currently no EPA recognized test protocol to evaluate disinfection efficacy against this specific novel coronavirus virus strain, SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2), which causes COVID-19 (Coronavirus Disease 2019). Therefore, there is no EPA-registered surface disinfectant that bears a label claim against SARS-CoV-2 as of the date of this writing.

All coronavirus strains are enveloped viral particles that belong to the same virus family of *Coronaviridae*. Enveloped viral particles are typically more susceptible to chemical disinfectant formulations than are other pathogens¹.

CDC recommends the use of an EPA-registered product with the Emerging Viral Pathogen claim². Metrex products that have the Emerging Viral Pathogen claim preapproved for a 3-minute contact time are listed below:

- CaviWipes¹³
- CaviCide¹⁴
- CaviWipes Bleach⁵
- CaviCide Bleach⁶

Metrex Surface Disinfectant Efficacy Regarding Coronavirus

According to the same CDC guidance, if an EPA-registered product with the Emerging Viral Pathogen claim is not available, CDC recommends using products with the Human Coronavirus claim according to the label instructions². The list below identifies the Metrex products that have Human Coronavirus as an EPA-approved claim listed on the product label with the following contact times:

1 Minute Contact Time against Human Coronavirus:

- CaviWipes¹³
- CaviCide¹⁴

3 Minute Contact Time against Human Coronavirus:

- CaviCide⁷
- CaviWipes Bleach⁵
- CaviCide Bleach⁶

Although the specific Human Coronavirus strain that we have tested these products against is not the same strain as SARS-CoV-2, the Human Coronavirus and SARS-CoV-2 are members of the same virus family, *Coronaviridae*, and are structurally similar⁸.

The table below gives an overview of the information discussed above:

	Emerging Viral Pathogen Claim / Contact Time	Human Coronavirus / Contact Time
CaviCide	-	YES / 3 minutes
CaviWipes1	YES / 3 minutes	YES / 1 minute
CaviCide1	YES / 3 minutes	YES / 1 minute
CaviWipes Bleach	YES / 3 minutes	YES / 3 minutes
CaviCide Bleach	YES / 3 minutes	YES / 3 minutes

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