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 pathogens.

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

- CaviWipes¹
- CaviCide¹
- 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 instructions. 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:
- CaviWipes¹
- CaviCide¹

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

<table>
<thead>
<tr>
<th></th>
<th>Emerging Viral Pathogen Claim / Contact Time</th>
<th>Human Coronavirus / Contact Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CaviCide</td>
<td>-</td>
<td>YES / 3 minutes</td>
</tr>
<tr>
<td>CaviWipes1</td>
<td>YES / 3 minutes</td>
<td>YES / 1 minute</td>
</tr>
<tr>
<td>CaviCide1</td>
<td>YES / 3 minutes</td>
<td>YES / 1 minute</td>
</tr>
<tr>
<td>CaviWipes Bleach</td>
<td>YES / 3 minutes</td>
<td>YES / 3 minutes</td>
</tr>
<tr>
<td>CaviCide Bleach</td>
<td>YES / 3 minutes</td>
<td>YES / 3 minutes</td>
</tr>
</tbody>
</table>

REFERENCES: