Coronavirus Disease 2019 (COVID-19) and Metrex Surface Disinfectants
March 13, 2020

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 bares 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’s interim recommendations for infection prevention and control now state that the use of EPA-registered, hospital-grade disinfectants are appropriate for SARS-CoV-2 in the healthcare settings. The following Metrex products meet this guideline:

- CaviWipes
- CaviCide
- CaviWipes1
- CaviCide1
- CaviWipes Bleach
- CaviCide Bleach

The CDC also refers to the EPA’s List N that lists EPA-registered disinfectants products with Emerging Viral Pathogens and Human Coronavirus claims for use against SARS-CoV-2. This list is actively being updated by the EPA to include additional disinfectants that meet EPA’s criteria.

Refer to any updates on the EPA’s List N here: www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2

The following Metrex products have been included onto the EPA’s List N:

- CaviCide8
- CaviWipes14
- CaviCide15
- CaviWipes Bleach6
- CaviCide Bleach7
The table below gives an overview of the information discussed above:

<table>
<thead>
<tr>
<th>Emerging Viral Pathogen Claim / Contact Time</th>
<th>EPA-registered, Hospital-Grade Disinfectant / Contact Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CaviWipes</td>
<td>YES / 3 minutes</td>
</tr>
<tr>
<td>CaviCide</td>
<td>YES / 3 minutes</td>
</tr>
<tr>
<td>CaviWipes1</td>
<td>YES / 3 minutes, YES / 1 minute</td>
</tr>
<tr>
<td>CaviCide1</td>
<td>YES / 3 minutes, YES / 1 minute</td>
</tr>
<tr>
<td>CaviWipes Bleach</td>
<td>YES / 3 minutes</td>
</tr>
<tr>
<td>CaviCide Bleach</td>
<td>YES / 3 minutes</td>
</tr>
</tbody>
</table>

REFERENCES: