Human coronaviruses are common throughout the world and commonly cause mild to moderate illness. A novel coronavirus, 2019-nCoV, caused by 2019 Novel Coronavirus, emerged in 2019 and is causing concern.

WHAT IS 2019 Novel Coronavirus – 2019-nCoV

- Originated in Wuhan, China
- Over 1000 confirmed cases
  - additional cases being identified in a growing number of countries

CLINICAL SIGNS & SYMPTOMS

- Fever
- Symptoms of lower respiratory illness (e.g., cough, shortness of breath)

HOW CORONAVIRUS SPREADS

Although transmission dynamics have yet to be determined, CDC currently recommends a cautious approach to patients under investigation for 2019 Novel Coronavirus

- IMMEDIATELY NOTIFY healthcare facility’s infection control personnel & local health department

HEALTHCARE INFECTION CONTROL PRECAUTIONS

PATIENTS:
- wear surgical mask
- be evaluated in a private room
- with the door closed
- ideally an airborne infection isolation room

HEALTHCARE PERSONNEL:
- standard precautions
- contact precautions
- airborne precautions
- eye protection (e.g., goggles or face shield)

DIAGNOSIS:

CDC has developed a real time Reverse Transcription-Polymerase Chain Reaction (rRT-PCR) test that can diagnose 2019-nCoV. Currently, testing must take place at CDC.

HOW TO effectively disinfect against 2019-nCoV

The products below have demonstrated effectiveness against viruses similar to 2019-nCoV on hard, non-porous surfaces. Therefore, these products can be used against 2019-nCoV when used in accordance with the directions for use against the supporting virus on hard, non-porous surfaces.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>EPA Registration #</th>
<th>Name of Supporting Virus</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-456 II DISINFECTANT CLEANER</td>
<td>6836-78-1677</td>
<td>Norovirus (Feline calicivirus surrogate)</td>
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<tr>
<td>NEUTRAL DISINFECTANT CLEANER</td>
<td>4737-129-1677</td>
<td>Adenovirus</td>
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<tr>
<td>OXYCIDE™ DAILY DISINFECTANT CLEANER</td>
<td>1677-237</td>
<td>Norovirus (Feline calicivirus surrogate)</td>
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<td>QUATERNARY DISINFECTANT CLEANER</td>
<td>683-78-1677</td>
<td>Norovirus (Feline calicivirus surrogate)</td>
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<td>TB DISINFECTANT CLEANER RTU</td>
<td>1839-83-1677</td>
<td>Poliovirus</td>
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</tbody>
</table>

Contact your Ecolab Account Executive for additional product information.

Learn more: www.who.int/health-topics/coronavirus

References: