

Disinfectants effective against Novel Corona Virus SARS-CoV-2, the cause of COVID-19

The Novel Human Corona Virus that originated in Wuhan China now called SARS-CoV-2 the cause of COVID-19 has been declared a pandemic. This global health concern appears to be escalating as new information is coming out on a daily basis.

This blog post is specific to disinfectants that are expected to be effective against the SARS-Cov-2 virus, the cause of COVID-19 in accordance with the EPA Emerging Pathogen Policy.

What is the U.S. Environmental Protection Agency's (EPA) Emerging Pathogen Policy

Sometimes pathogens not previously known to impact human health are identified. Examples include the EBOLA virus, SARS, H1N1, and others.

When a new pathogen emerges and is identified, there will not be any disinfectants that have been tested for efficacy against the newly identified pathogen. To provide guidance on which disinfectants are likely to be effective, the EPA will issue policy guidance on the use of disinfectants that are known to be effective on more difficult to kill pathogens. The reasoning is that if a disinfectant is proven effective on more difficult to kill pathogens, it would be effective on the emerging pathogen of concern.

What is the Criteria for disinfectants to be effective against SARS-CoV-2, the cause of COVID-19

Disinfectants that comply with the EPA Emerging Pathogen Policy must have specific efficacy claims depending on whether the emerging virus is one of the following 1) an enveloped virus 2) a large non-enveloped virus 3) a small non-enveloped virus.

A non-enveloped virus can survive in more hostile environments (including surviving some disinfectants) and is heat resistant, so it is inherently more difficult to kill than enveloped viruses. Examples of non-enveloped viruses include Norovirus, Rotavirus, and Adenovirus.

Human Corona Viruses including the COVID-19 virus is known to be an enveloped virus. The EPA Emerging Pathogen Policy requires the following for an enveloped emerging viral pathogen such as SARS-CoV-2:

“A product should be approved by EPA to inactivate at least one large or one small non-enveloped virus to be eligible for use against an enveloped emerging viral pathogen.”

Which Multi-Clean Disinfectants are Effective on SARS-CoV-2 Virus, the cause of COVID-19

The list of disinfectant products below meets the EPA Emerging Pathogen Policy. Each disinfectant is listed by name, it's corresponding EPA registration number, and the non-enveloped virus that it is effective on:

Multi-Clean 256 Century Q Disinfectant Cleaner (EPA registration #47371-129-5449) has demonstrated effectiveness against viruses similar to the 2019 Novel Coronavirus (SAR-CoV-2) on hard, non-porous surfaces. Therefore, Multi-Clean 256 Century Q Disinfectant Cleaner can be used against the 2019 Novel Coronavirus (SAR-CoV-2) when used in accordance with directions for use against **Adenovirus type 4** on hard, non-porous surfaces. [256 Century Q Tech Bulletin, includes COVID-19 statement.](#)



Multi-Clean One Shot 256 Century Q Disinfectant Cleaner (EPA registration #47371-129-5449) has demonstrated effectiveness against viruses similar to the 2019 Novel Coronavirus (SARS-CoV-2) on hard, non-porous surfaces. Therefore, Multi-Clean 256 Century Q Disinfectant Cleaner can be used against the 2019 Novel Coronavirus (SARS-CoV-2) when used in accordance with directions for use against **Adenovirus type 4** on hard, non-porous surfaces. [256 Century Q Tech Bulletin, includes COVID-19 statement.](#)



Multi-Clean 128 E-Fecticide Disinfectant Cleaner (EPA Registration #6836-365-5449) has demonstrated effectiveness against viruses similar to the 2019 Novel Coronavirus (COVID-19) on hard, non-porous surfaces. Therefore, Multi-Clean 128 E-Fecticide Disinfectant Cleaner can be used against the 2019 Novel Coronavirus (SARS-CoV-2) when used in accordance with directions for use against **Norovirus** (or Rotavirus) on hard, non-porous surfaces. [128 E-Fecticide Tech Bulletin, includes COVID-19 statement](#)



Multi-Clean 64 Millennium Q Disinfectant Cleaner (EPA registration #1839-95-5449) has demonstrated effectiveness against viruses similar to the 2019 Novel Coronavirus (SARS-CoV-2) on hard, non-porous surfaces. Therefore, Multi-Clean 64 Millennium Q Disinfectant Cleaner can be used against the 2019 Novel Coronavirus (SARS-CoV-2) when used in accordance with directions for use against **Norovirus** on hard, non-porous surfaces. [64 Millennium Q Tech Bulletin, includes COVID-19 Statement.](#)



Multi-Clean Microcide TB Disinfectant Cleaner (EPA registration #1839-83-5449) has demonstrated effectiveness against viruses similar to the 2019 Novel Coronavirus (SARS-CoV-2) on hard, non-porous surfaces. Therefore, Multi-Clean Microcide TB Disinfectant Cleaner can be used against the 2019 Novel Coronavirus (2019-nCoV) when used in accordance with directions for use against **Norovirus** on hard, non-porous surfaces.

For more information on Multi-Clean products including disinfectants, please visit us Multi-Clean.com

Resources

For more information on Norovirus, visit the [CDC Norovirus website](#).

For a fact sheet on Norovirus, [click here](#).

[Infection Control & Outbreak Planning Checklist](#)

Outbreak Cleaning & Disinfecting Checklist – [High-Touch Cleaning](#)

Outbreak Cleaning & Disinfecting Checklist – [Intensive Cleaning](#)

For more information on infection control products and procedures, visit Multi-Clean's [Infection Control resource webpage](#).



Millennium Q –

Concentrated, Hospital-Grade disinfectant with Norovirus claim

Microcide TB –

Ready-to-use disinfectant with faster kill times and



Norovirus claim



MC Wipes –

Pre-Packaged ready-to-use wipes with Norovirus claim