COVID-19 BARBICIDE® Disinfectant wipes for Disinfection of Inanimate Surfaces and Equipment

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Guidance for disinfecting surfaces and equipment using BARBICIDE® Disinfectant Wipes

This document reviews the efficacy and use of BARBICIDE® Disinfectant Wipes (acceptable alternative to Purple Top PDI wipes) against SARS-CoV 2.

Background

Coronaviruses are lipid enveloped virus, which means they are surrounded by an envelope of lipoprotein in addition to the usual core of nucleic acid surrounded by the coat of protein. Coronaviruses are generally easily inactivated by many types of disinfectants and are among the most susceptible. The types of disinfectants effective against coronavirus are considered low-level disinfectants. Low-level disinfectants are capable of destroying vegetative bacteria (except tubercle bacilli), lipid viruses, some nonlipid viruses, and some fungi, but not bacterial spores (i.e. Clostridiodes difficile).

- If the proposed product has been tested and is effective against other lipid enveloped viruses, e.g. influenza, Herpes simplex, etc., it is logical that it will be effective against SARS CoV 2.

BARBICIDE® Disinfectant Wipes are published on EPA List N and are approved for efficacy against Human Coronavirus, including COVID-19. While no company has been able to receive actual COVID-19 samples and put them through the rigorous testing required, the EPA considers efficacy against Human Coronavirus to include COVID-19.

For the most up-to-date roster of disinfectants, visit EPA web site at the following URL:
https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2

General Information

- The active ingredient is quaternary ammonium and isopropyl alcohol (IPA)
- Proven effective against HIV-1, Hepatitis B, Hepatitis C, Staphylococcus (including MRSA), Pseudomonas, Salmonella, Vancomycin-Resistant Enterococcus (VRE), Herpes, Influenza (including H1N1), “Athletes Foot” (Tinea Pedis) and Mycobacterium Tuberculosis
  - States is effective against C-difficile (vegetative cells only). This product, however, is NOT A SPORICIDAL AND SHOULD NOT BE USED FOR DISINFECTION OF C-DIFF PATIENT CARE ROOMS/EQUIPMENT
  - This is a substitute for non-bleach disinfecting wipes but is not a substitute for bleach infecting wipes.
- Complies with OSHA’s blood borne pathogens standard.
- Has more disinfecting solution per towelette than the industry standard
- Superior surface contact – durable, nonwoven, high-quality fabric towelettes won't bunch up during use
- Stays fully saturated – better fluid capacity means the wipes won’t dry out
- Can be used on any non-porous surface in any place where convenient, portable disinfection is needed
- Each towelette is 6” x 6.75”

Contact Time:

Contact time refers to the length of time an implement or surface must stay moist with disinfectant to be effective against pathogens (bacteria, virus, fungus) listed on the label.

- For BARBICIDE® wipes, the contact time is 2 minutes (3 minutes for effectiveness against tuberculosis)

**Note:** Remember you must first clean the surface before you can disinfect the surface.

Reference: