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Making Your World Work Better

Best Commercial Disinfectant Solution for Infection Control

Executive Report

What's the best commercial disinfectant solution for infection control? Learn why antimicrobial surface protection provides longer-lasting protection.

Best Commercial Disinfectant Solution for Infection Control

Germs are everywhere. They are found in the air, water, on surfaces, and in our bodies. Some of them are helpful while others can cause diseases. COVID-19 has shown us how quickly harmful germs can spread if we do not practice proactive infection control.

Infections can spread quickly. In fact, bacteria can double every 20 minutes. A single bacterium can multiply exponentially until it is stopped. In four hours, bacteria can produce as many as 8,000 copies and can grow to 10-20 million within 24 hours. That is one of the main reasons why viruses such as COVID-19 can be so deadly. When unchecked, they can multiply rapidly within the body. Left unchecked, they can do the same on surfaces.

Most facilities are following CDC guidelines for social distancing and basic disinfection. However, not everyone is doing it correctly in a way that will control the spread of microbes and pathogens that cause viruses. Using household cleaners, disinfecting wipes, or disinfecting sprays may not be getting the job done. According to research done by the North Carolina Statewide Program for Infection Control and Epidemiology (NC-SPICE), the best commercial disinfectants they tested killed 99.9% of germs and viruses while consumer-grade and natural products tested only eliminated 90% of the microbes.

The best commercial disinfectant is one that is on the EPA's list of approved disinfectants for use against SARS-CoV-2, the virus that causes COVID-19. Only those on the list have been certified by the EPA as effective. When they are applied according to the directions and are left on a surface for the specified amount of time, the best commercial disinfectants will deactivate pathogens on surfaces.

Once a surface has been disinfected, it may not stay that way. This is why many businesses are now choosing to add long-lasting antimicrobial surface protection to their cleaning and disinfecting routine for better infection control.

What Is Antimicrobial Surface Protection?

Antimicrobial surface protection provides an extra layer of protection that goes beyond a one-time disinfectant treatment and helps control the spread of germs, viruses, bacteria, fungi and mold in between cleanings and disinfection. Once applied, the antimicrobial surface protectant can be effective for up to 90 days.

The antimicrobial surface protectant disrupts the cell structure of any microbe it comes in contact with. It disrupts the cell's DNA to neutralize its effectiveness and prevents the cells from reproducing. Antimicrobial surface protection then continues to destroy viruses and germs for months to help with infection control.

The Benefits of Antimicrobial Surface Protection

- Continuous protection for up to 90 days
- Effective against a broad range of pathogens
- Environmentally friendly, non-toxic, and does not leach
- Can save you money by reducing the need for temporary treatments and chemicals

Applying Antimicrobial Surface Protection

A commercial cleaning company, such as one of OpenWork's elite network of service providers can provide commercial disinfecting services using sanitized antimicrobial protection. Certified technicians follow CDC, EPA, and OSHA guidelines while applying antimicrobial surface protection to provide effective infection control across a broad spectrum of pathogens. The chemicals used in the treatment are non-toxic and safe for humans.

The Best Commercial Disinfectant Solution

The best commercial disinfectant solution for your facility will include antimicrobial surface protection as part of a total facility management plan. While you can apply it using sprays for spot treatment, the most effective way to apply antimicrobial surface protectant is with an electrostatic sprayer.

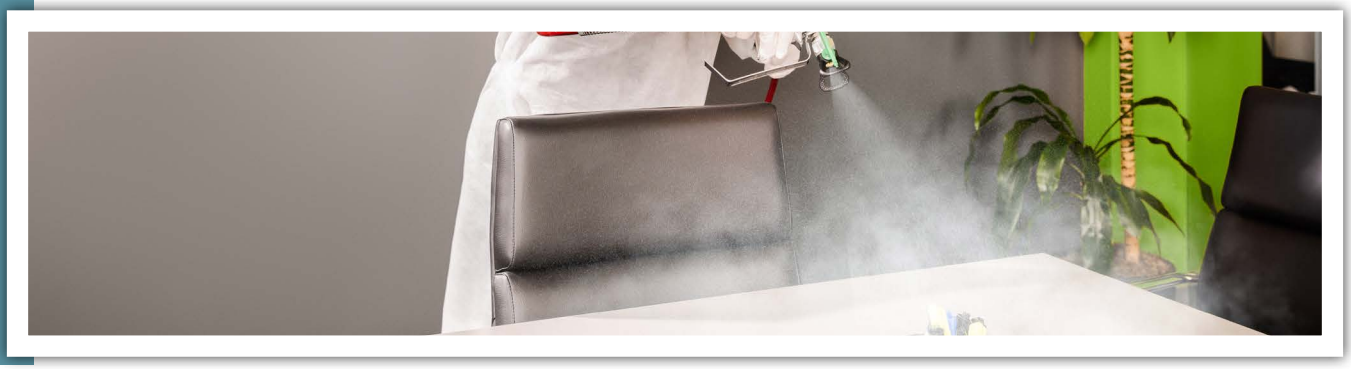
Electrostatic spraying works by infusing a positive charge to the disinfectant before it is turned into an aerosol spray. When the mist exits the sprayer nozzle, it is attracted to surfaces such as desks, floors, walls, and high-touch surfaces--all which have a negative charge. The charged particles adhere tightly to surfaces and form a tight bond. The positive particles bond with negative surfaces, but the positively charged particles repel each other. This forces them apart, so they spread uniformly across surfaces and wrap around objects and into hard-to-reach places to totally disinfectant them.

When applied with an electrostatic sprayer, antimicrobial surface protectant coats objects in a protective layer which can help with infection control for up to three months. However, regardless of how it is applied, antimicrobial surface protection is not a replacement for regular cleaning and disinfection. It works to reduce the spread of viruses, germs, bacteria, fungi, and other pathogens between cleanings.

About OpenWorks

OpenWorks helps organizations in industries such as healthcare, education, industrial, manufacturing, office, and property management keep their facilities cleaner, safer, and healthier.

OpenWorks is an expert in total facilities management and can develop a customized treatment for your facility.



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Contact OpenWorks to request an estimate on cleaning and disinfecting your facility, and to learn how antimicrobial surface protection can provide long-lasting protection against germs, viruses, bacteria, and other pathogens.

Request An Estimate

Phone: 1-844-962-1037