

Staying Safe During the Pandemic Era

DISINFECTANT EFFECTIVE AGAINST NOVEL CORONAVIRUS SARS-COV-2 FOR LOCAL ENFORCEMENT AGENCIES AND COMMUNITIES

The novel human coronavirus now called SARS-CoV-2, the COVID-19 source, that originated in Wuhan, China has become a deadly pandemic that continues to threaten economies and communities. And with new cases still pouring in, the end of the pandemic still seems out of sight, impacting every aspect of society from business to different communities.

According to CNN's COVID-19 cases tracker, there are already over 111.7 million COVID-19 cases worldwide as of writing. Since the first case in China was recorded in December 2019, the virus continues to disrupt economies and markets across the world.

On the micro level, rural and tribal American communities are facing a greater threat than their urban counterparts. Although the remoteness and low population density contribute to the limited number of cases in these areas, these aspects also played against them as they tend to receive fewer relief efforts intended for alleviating the effect of the pandemic.

COVID-19 in rural American communities

Support for these small rural communities has been practically left out during the relief package debate, thus the funding was not as targeted as the situation necessitates. The result? Inadequate and slow health crisis countermeasures, which aggravated the distress of providing food to the table in a time when establishments closed, leaving a lot of people unemployed.



This disruption is also evident in the local rural government agencies. Although these rural law enforcement agencies and communities have their own measures to reduce their vulnerability to COVID-19, the time and situation have proven that these aren't enough. Factors such as the lack of resources, remoteness, housing, facilities, transportation, and socioeconomic status can drastically decrease their ability to fully protect themselves against the deadly SARS-CoV-2.

As an effect, disinfection on their underserved communities to reduce the virus threat remains a challenge due to poor access to appropriate cleaning and sanitation products and practices.



Safety through disinfection

Constant cleaning and sanitation are undeniably the first defense to stay safe against the virus. But when a novel pathogen such as SARS-CoV-2 surfaces, day-to-day cleaning practices just will not cut it, especially in small and rural communities consisting of at least 46 million American people. These communities deal with distinctive issues that drastically increase their susceptibility to the risks of the virus, making appropriate practices and disinfection products and equipment a necessity.

Thus, support from organizations that provide the appropriate aid and guidance to disinfect their homes and facilities make a huge difference in reducing their risk of contracting the virus.

The Environment Protection Agency (EPA) issued policy guidance on the use of EPA-approved disinfectants known to kill stronger and more difficult pathogens to provide which disinfectants are likely to be effective against the pathogen. This guide is known as the EPA "N-List" which communities can refer to when choosing a disinfectant product.

For a disinfectant to become EPA-approved, though, a disinfectant product needs to go through a multi-level review and registration process. This ensures that the claims about Sars-CoV-2 are true and do not violate the disinfectant manufacturing guidelines. These reviewed and tested disinfectants give a certain level of confidence to eradicate the harmful pathogen, providing cleaner homes and facilities.

In addition, several disinfectant manufacturers have hired independent third-party labs to test their products against the actual coronavirus pathogen to provide their customers a complete level of confidence.

Disinfectants are not created equal

Most people have the misconception that all disinfectant solutions are created with the same formulations with the only distinctive differences such as color, fragrance, and, maybe, the dilution ratio. This could never be farther from the truth.

Many different formulations vary primarily based on chemical composition, efficacy claims (what it is proven to kill), and dilution ratios. Common types of disinfectants used for facility maintenance may include active ingredients, such as quaternary ammonium (quat), sodium hypochlorite (bleach), hydrogen peroxide, or alcohol. Each of which may be effective on different strains of pathogens and range of safety, corrosiveness, and effects on the environment.

Many disinfectants kill only select strains of germs. It is commonly believed that disinfectants kill all viruses, bacteria, and other pathogens, but not true! You must check the label.

Understanding the disinfectant product; its effectiveness, strength, formulation, and dangers are important when choosing one to use in disinfecting homes and facilities. You need to ask: Will it corrode my facility and equipment? Is it safe for animals, humans, and the environment? Will it cause or aggravate health issues? Is it going to be dangerous for the person applying it?

Only an EPA-registered sterilant, referred to as sterilization and the process of completely eliminating or destroying all forms of microbial life, including spores, surpasses the efficacy level for total protection. EPA-registered chemical sterilants are the only types of sanitation products that can make a claim to kill all pathogens on hard surfaces.

Dr. Joe's Pro BioVex® Disinfectant

Enter Dr. Joe's Pro BioVex® Disinfectant, an EPA-approved disinfectant tested and proven to kill harmful pathogens. With its one-step process application, you can eliminate bacteria and pathogens in seconds to minutes after application. It's certified by the Analytical Lab Group (ALG) to kill the actual coronavirus strain so you can be confident that surfaces are clean and free of viruses.

What is Dr. Joe's Pro BioVex® Disinfectant? It is a powerful and fast-acting disinfectant solution that meets Bloodborne Pathogen Standards for HBV AND HIV. It's formulated with chlorine dioxide, a powerful yet environment-friendly chlorine gas suspended in water, oxidizer highly effective in killing all known disease-causing bacteria, viruses, molds, and more. Having passed the EPA review and registration and now included in the agency's N-List, it's proven to eradicate 16 viruses, including SARS-CoV-2, influenza A, and hepatitis B & C viruses, among others.

BioVex® Disinfectant offers the best solution for total saturation and kill. Thus, you can decrease the spread of the SARS-CoV-2, cold, flu viruses, and other bacteria that remain on surfaces for extended periods.

Human and animal safe

Some commercialized disinfectant products bring health hazards, including respiratory issues due to the chemicals these products contain.



BioVex has an organic formulation with no harsh chemicals that make it safe. Law enforcement agencies and communities can remain safe and prevent the possible outbreak of any harmful diseases without dispensing harm to the person applying it or those working and held inside their facility.

This disinfectant is registered in the Organic Materials Review Institute (OMRI), which ensures that it does not contain harsh chemicals that can damage the body of humans and animals, making it an excellent choice for effective yet safe disinfection.

Environment-friendly formulation

The science behind the formulation is based on the concept of green cleaning to advance eco-friendly disinfection. Dr. Joe's Pro BioVex® is a hospital-grade disinfectant, meaning it kills the viruses by breaking their biofilms to intrude and disintegrate the virus's cell walls.



Also, the absence of bleach, ammonium, acetic acid, citric acid, and other hazardous components prevents the build-up of toxic chemicals that reduces indoor air quality, especially in closed law enforcement facilities.

Broad of range of application

The researchers who formulated Dr. Joe's Pro BioVex® disinfectant take into account that every establishment has its own unique need for their facilities. You can use BioVex® in many different applications for a more complete disinfection coverage. For law enforcement agencies, for instance, where various touchpoints in jails and detention cells can contribute to the spread of the harmful pathogen, using BioVex® with any hand-held backpack or electrostatic sprayer is a viable solution for larger disinfection coverage for a lesser cost.

The right product for the right time

Some countries and cities started to report flattening the curve. But rural law enforcement agencies and communities are still vulnerable to the threat of the pandemic. Now that we are well into the COVID-19 pandemic, it has become common knowledge that disinfection is one essential part of every establishment's cleaning process.

For rural law enforcement agencies and communities, Dr. Joe's Pro BioVex® will help curb the increase in coronavirus cases in their underserved communities. Strengthen the defense against the deadly SARS-CoV-2 and gain a higher level of confidence and peace of mind during this challenging time.





DR. JOE'S PRO

Call (888) 611-3311

Visit us @ www.drjoespro.com

What Our Customers Are Saying

“ We have been using Dr Joe's Pro disinfectant for about a year now. Our employees love the application since it does not irritate their eyes, nose, and airway vs other products we have used. It is great because we can use it in any sprayer or fogger and our customers demand an N-listed product that is safe and environmentally friendly. We use it in office buildings, call centers, surgical-centers, and now an International airport. Their disinfectant checks all the boxes! ”

Tammie
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