

Going in small for the kill

CPG takes decontamination to the nano-microbial front – the microscopic battlefields where the war on viruses is fought



CPG introduces *Klean Bio-Zone* technology, a powerful new commercial decontamination process that deploys chlorine dioxide to totally eradicate viruses, bacteria and mold.

Fighting viruses, bacteria and mold means going small -- getting a true sterilant down to the nitty gritty to get next to, and kill, dangerous microbes.

Keeping interior spaces tidy and clean is important. Bleach and other household chemicals are certainly valuable cleaning tools. But the war against the most virulent viruses is fought beyond the reach of everyday cleaners and disinfectants. **Dangerous viral microbes are so infinitesimally small they can't be seen with the human eye.** Or even conventional microscopes. But they can be reached -- and killed -- with chlorine dioxide gas.

Chlorine dioxide is a proven powerful decontaminant that has long been used to purify municipal water supplies. When the United States government developed the chemical as a gas, decontamination science took off. Chlorine dioxide is now the most powerful -- and safest -- decontaminant in the fight against microbial threats.

In 2001, chlorine dioxide gas was used successfully in response to anthrax bio-terrorism attacks in Washington, D.C. In 2005, it was deployed on a massive scale to destroy mold in homes and

businesses flooded by Hurricane Katrina. In recent years, epidemiologists have counted on chlorine dioxide to counter the spread of the Ebola virus, and the decontaminant is now being rushed into action to combat the COVID-19 pandemic.

CPG Klean Bio-Zone chlorine dioxide application kills the COVID-19 coronavirus.

CPG -- Controlled Performance with Gases -- has adapted this powerful science for commercial applications, with an eye as much to prevention of problems as reaction to disaster.

“CPG wants to be proactive, rather than reactive,” says the company’s chief science officer, James Knoer. “This is the powerful disinfectant that’s been used in horrible disasters, and even in the anthrax bio-terrorism attacks – and that’s a wonderful thing for the country. But why not use this breakthrough science when there’s not a disaster? To prevent the growth of viruses and bacteria before they gain a foothold in everyday life.”

The company has adapted its patented and patent-pending *Klean Bio-Zone* process for a variety of applications -- including critical health care, scientific labs, equine environments, maritime applications, transportation industries, and – critically today – office and business spaces.

“The major problem of maintaining indoor air quality and the sanitation of surfaces is the number of people tightly confined in work and transportation spaces,” says CPG design chief Larry Bender. **“Public areas are the primary transfer points of infectious diseases.”**



It is those public areas – places where people live and work – that are prime targets for CPG’s *Klean Bio-Zone* decontamination applications. Ground Zero in the fight against the spread of viruses, bacteria and mold.



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BENEFITS OF CPG CHLORINE DIOXIDE APPLICATION

THE POWER OF CHLORINE DIOXIDE

A sub-micron, aerosol gas developed by the United States government that reaches every interior surface -- including tiny, out-of-sight recesses where dangerous microbes incubate and grow.



EXCLUSIVE KLEAN BIO-ZONE

CPG's exclusive, four-step *Klean Bio-Zone* system far outperforms conventional liquid spray-on disinfectants. The process includes a special protective layer that extends protection for four weeks.

CONVENIENCE

Schedule our service to fit the unique operations of your business. The treatment is generally accomplished in just a few hours, with rooms ready for reoccupation the next day. There is no need to remove computer equipment and furnishings -- an extra convenience not possible with corrosive liquid sprays.

SAFETY

Chlorine dioxide is FDA approved, and is only toxic if inhaled during application.

Trained CPG professionals apply treatments in empty spaces, working within strict OSHA standards. After application, chlorine dioxide gas quickly dissipates.



ENVIRONMENTALLY SAFE

Chlorine dioxide gas is approved by the EPA. Because it is a gas, there's no run-off or leaching into surrounding environments.

REASSURANCE

Before and after testing provides a special level of reassurance of safety.

FRESHNESS

ClO₂ is a natural deodorizer that kills noxious odor microbes. Brings a freshness to interior air quality.

HEALTH

A safe and healthy work space dramatically reduces illnesses and absenteeism.

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