



American Chemical

EPA APPROVED TO KILL HUMAN CORONAVIRUS* **Selectrocid**® EPA approved to kill

Human Coronavirus. Water-activated ClO_2 deodorizer. Controls odor-causing bacteria, mold and mildew. Deep penetrating and patented vapor delivery system. Fast, easy and effective. Kills 99.9999% of germs, bacteria viruses and spore-formers. 200 times more powerful than bleach— Yet won't burn skin or damage materials. **Works in minutes.**

EPA APPROVED TO KILL HUMAN CORONAVIRUS



Selectrocid®
Biocide, Disinfectant, Sterilant and Sanitizing Agent

- Safe for use on food **EPA registered** and tested as a broad-spectrum hospital grade disinfectant. Leaves no residual. **Selectrocid Disinfectant (EPA/FDA Registration #74986-5)** is ultra-pure chlorine dioxide. **FEATURES AND BENEFITS:** This remarkable biocide is an effective sanitizer, disinfectant, tuberculocide, virucide*, fungicide, algacide, general-purpose antimicrobial and cleaner for use in a wide range of applications, including but not limited to: **restaurants, wineries, breweries, hospitals, schools.** For full label and all claims and uses, [click here for the](#)

[documentation](#) **Why It Works** Chlorine dioxide is a stable free radical, and functions as an oxidative rather than a chlorinating reaction. Chlorine dioxide's oxidative power allows it to attack the cell walls, creating breaches. These breaches cause leakage of the cell contents, ultimately cutting off the supply of the cell's nutrients thus killing it. In contrast, current traditional disinfection methods are designed to poison the microorganisms. But as the microorganisms build resistance and become immune to the poison, new and stronger products have to be developed. **How It Works** Selectrocid Disinfectant destroys the invisible, protective layer known as bio-film and quickly kills the microorganisms which hide and thrive under this protective coating. Traditional disinfection products are unable to quickly penetrate the biofilm and because of this, they are ineffective. **Benefits** Available in three dry media pouches that generate: 2.5 gallons, 12 gallons and 30 gallons. Can be generated on site, using tap water, significantly reducing shipping costs. Works at low concentration to safely achieve high-level disinfection and is safe for the end user. Can be used on most surfaces without damage or bleaching. **Recommended disinfection** Spraying is the easiest application of Selectrocid. Allow for a 10 minute contact time on surface. Then, simply let the area air dry. There is no need to wipe the surface after. **TO ORDER:** Info@AmericanChemicalNorCal.com

- **Call (916) 600-6218 American Chemical Your cleaning and sanitation specialist!**

Selectrocide® DISINFECTANT against: • Pseudomonas aeruginosa•Staphylococcus aureus•Salmonella enterica•Methicillin-resistant S. aureus (MRSA)•Vancomycin-resistant Enterococcus faecalis • Mycobacterium bovis (TB)•Trichophyton mentagrophytes (athlete's foot) • Listeria monocytogenes Candida albicans. **A SANITIZER** against: E. coli (and E. coli O157:H7)•S. aureus•Salmonella typhimurium (MDRS) • Klebsiella pneumonia•Listeria monocytogenes. **A FUNGICIDE** against: Penicillium digitatum • Botrytis Sp•Fusarium solani. **An ALGAECIDE** against: Phormidium boneri **A VIRUSCIDE*** against: • Corona virus (EPA approved to kill Human Coronavirus)• Feline Calicivirus Hepatitis A virus•Human Immunodeficiency virus type 1 (HIV-1)•Poliovirus-1•Rotavirus•Influenza-A virus• Rhinovirus type 37•Canine Parvovirus• Adenovirus type 5•Herpes Simplex virus type 2•Vaccinia virus• Norovirus (feline calici used as testing surrogate)*Kills Pandemic 2009 H1N1 Influenza A virus (formerly called swine flu)

Selectrocide® 1G Makes 2.6 Gallons (10 Litres) The Selectrocide 1G generates 2.6 Gallons (10 Litres) of 100 ppm ultra-pure ClO_2 and is intended for applications that require small amounts of pure ClO_2 in a convenient format. This small 1G sachet can be generated directly in sprayers or other application devices for ease of use. The 1G is registered with the Environmental Protection Agency as a pesticide and falls within the lowest toxicity categories. The 1G is also recognized and registered with the Organic Materials Review Institute. The product is commonly used for hard, non-porous surfaces, food contact surfaces, and general sanitization.

Selectrocide® 5G Makes 13.2 Gallons (50 Litres) The Selectrocide® 5G generates 13.2 Gallons (50 Litres) gallons of 100 ppm ultra-pure ClO_2 and is intended for applications that require moderate to large amounts of pure ClO_2 . The 5G is easy to use. Simply remove the sachet and place it in a covered receptacle and generate for 6 hours. Dilute the solution to fit your needs. The 5G is registered with the Environmental Protection Agency as a pesticide and falls within the lowest toxicity categories. The 5G is commonly used for agricultural applications, hard, non-porous surfaces, food contact surfaces and general sanitization.

Selectrocide® 12G Makes 31 Gallons (120 Litres) The Selectrocide® 12G generates 31 Gallons (120 Litres) of 100 ppm ultra-pure ClO_2 and is intended for applications that require large amounts of pure ClO_2 . The 12G is easy to use. Simply remove the sachet and place it in a covered tank or bucket and generate for 2 hours. Dilute the solution to fit your needs. The 12G is registered with the Environmental Protection Agency as a pesticide and falls within the lowest toxicity categories. The 12G is also recognized and registered with the Organic Materials Review institute. The 12G is commonly used for agricultural applications, hard, non-porous surfaces, food contact surfaces and general disinfection.

Selectroicide® offers many advantages – High efficacy at very low levels – Safe to touch, won't harm skin, clothing, pets or plants – Won't corrode common industrial materials like stainless steel, elastomers, tubing, polymers and structural plastics – Microbial resistance can not be built against pure chlorine dioxide – Easy to use, safe to ship.

FEATURES AND BENEFITS

- EPA approved to kill Human Coronavirus
- Provides 30 gallons of hospital grade disinfectant
- Provides 600 gallons of food contact surface sanitizer
- Requires very little storage space
- Ships dry to save on costs
- No activators, or mixing of chemicals required
- Effective deodorizer
- Can easily be generated directly to use concentration
- Very light and portable
- Easy to use
- Cost effective
- Can be generated directly in sprayer or applicator
- Can be used with automatic dilution systems
- Water-activated ClO_2 deodorizer
- Controls odor-causing bacteria, mold and mildew
- Deep penetrating and patented vapor delivery system
- For use throughout the year
- Fast, easy, effective
- Great for frequent use

INDUSTRY USAGE: Greenhouses, Indoor & Outdoor, Agricultural Facilities, Hydroponic Facilities

INDUSTRY USAGE: Food processing facilities, Greenhouse/Grow operations, High purity water systems



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