

ULTRA-PURE CLO₂

HEALTHCARE APPLICATIONS



MEDICAL CARE
RISK ADVISORY
ACCIDENT

WHO WE ARE

SMT specializes in the manufacture and application of ultra-pure chlorine dioxide products.

We strive to provide the absolute best solutions and strategies for reducing and eliminating bacteria, viruses, and other pathogens from whatever environments our customers are working in. We are dedicated to making spaces cleaner and safer for those that occupy them.

THE SELECTIVE MICRO DIFFERENCE

Our chlorine dioxide products are unlike any other available on the market. Our patented micro-reactors utilize a proprietary membrane technology which yields the most pure solutions of chlorine dioxide possible. What this means to the end user is that there is no requirement to mix chemicals, there is no unnecessary exposure to precursor chemistry, and solutions generate to a neutral pH while having high compatibility with surfaces. It also means that the end user can work with less-concentrated solutions in order to achieve better results!

SELECTROCIDE® CLO₂ IN ACTION

Selectrocide® is a water activated disinfectant and deodorizer. It works through oxidation. For this reason, microbes cannot develop resistant strains. Chlorine dioxide is highly effective anti-microbial against bacteria, viruses, fungi, spore formers and even biofilm. Our CLO₂ is EPA registered as a broad spectrum disinfectant. It is non-residual, safe to use around people, fast, easy, and effective.

HOSPITALS/CLINICS

Our products are EPA-registered for hospital disinfection. SMT chlorine dioxide eliminates pathogens at point-of-use. For example, Selectrocide destroys 99.999% (5-log reduction) of *Staphylococcus aureus* in 60 seconds.

LONG-TERM CARE CENTERS

Our ultra-pure chlorine dioxide eradicates dangerous microbes to create an ideal patient environment for a healthy recovery. Selectrocide has successfully destroyed the most prominent human health pathogens in testing performed by accredited laboratories.

LABORATORY

Our EPA-registered disinfectants can be used to disinfect any hard, non-porous surface in your lab, such as:

- Bench tops or other work areas
- Biological hoods or safety cabinets
- Water reservoirs and systems

DIAGNOSTICS

Our pure chlorine dioxide products can be used in diagnostic analyzers to:

- Remove or strip organic material and bioslime
- To clean and remove organic material from reservoirs or water holding tanks
- Clean outer surfaces

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