

ULTRA-PURE CLO₂



INSTITUTIONAL APPLICATIONS



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.

GYMS/SPORTS FACILITIES

Gyms and sports facilities are high-contact areas where sweat and germs can accumulate. Chlorine dioxide effectively disinfects exercise equipment, changing rooms, and locker areas, reducing the risk of skin infections and other illnesses associated with close physical contact.

SCHOOLS

Schools are breeding grounds for germs, with children often sharing close quarters. Chlorine dioxide is an excellent solution for maintaining a hygienic learning environment. Regular disinfection of classrooms, libraries, and common areas helps protect students and educators from illnesses, ensuring uninterrupted learning and minimizing absenteeism due to sickness.

CORRECTIONAL FACILITIES

In prisons and correctional facilities, maintaining a hygienic environment is crucial for the well-being of inmates and staff. Chlorine dioxide plays a critical role in disinfecting cells, communal areas, and administrative spaces, helping prevent the spread of communicable diseases and promoting better health outcomes.

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