

ULTRA-PURE CLO₂



CONSTRUCTION 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.

EQUIPMENT DISINFECTION

Construction equipment, such as excavators, cranes, and loaders, is essential for project progress. However, these machines are frequently shared among workers, increasing the risk of contamination. Chlorine dioxide is a powerful disinfectant that can be used to sanitize high-touch surfaces on construction equipment, reducing the transmission of germs and pathogens. Regular equipment disinfection contributes to a safer work environment and minimizes the risk of illnesses among construction workers.

SURFACE SANITIZATION

Construction sites are bustling with activity, and various surfaces, including scaffolding, handrails, and tools, come into contact with multiple workers daily. CLO₂ can effectively disinfect these surfaces, preventing the buildup of bacteria and germs.

DEODORIZATION

Construction sites can be subject to strong odors from materials, machinery, and waste. Chlorine dioxide's deodorization capabilities can neutralize foul smells, creating a more pleasant and comfortable work environment for construction workers.

COMPLIANCE WITH HEALTH AND SAFETY GUIDELINES

The construction industry is subject to rigorous safety and health regulations. Disinfecting and deodorizing equipment and surfaces align with these guidelines, ensuring that construction sites adhere to the highest standards of cleanliness and hygiene.