

Qwatro Corporation introduces new innovative chlorine dioxide delivery system

Toronto, ON - (January 2007) Qwatro Corporation, a leading manufacturer of environmentally friendly sanitation and industrial maintenance products announced the introduction of a revolutionary new chlorine dioxide delivery system – Selectroicide®

Qwatro Corporation is the new distributor for Selectroicide® chlorine dioxide products in Canada. Selectroicide® chlorine dioxide is registered in the United States by the EPA for the prevention and elimination of potentially deadly infections commonly known as “staph” infections. The MRSA (*Methicillin-resistant Staphylococcus Aureus*) “super bug” has been typically contracted in hospitals, or other healthcare environments. However, recently this “super bug” has been causing illnesses in healthy adults and children in communities across the country and is now known in the medical community as CA-MRSA or *Community-Acquired Methicillin resistant Staphylococcus aureus*.

According to Bob Wagner, President and Chief Chemist of Qwatro Corporation, “The Selectroicide® delivery system (which resembles large tea bags) can produce 99.99% pure chlorine dioxide solution with no by-products quickly and easily, making it ideal for use for any potential threat of a pandemic – by instantly having a solution that is capable of killing these dangerous viruses”

Until now pure chlorine dioxide could not be produced at the point of use, nor could it be transported on site due to federal restrictions. For the first time you can easily generate specific concentrations of chlorine dioxide at the point of use, at a neutral pH and with no residuals, using only tap water. You simply submerge the Selectroicide® sachet in water. The resulting chlorine dioxide solution can be sprayed, mopped, or sponged onto surfaces that require disinfection killing disease-bearing bacteria, bacteria, bioslime, algae, yeast, mold, and fungi.

“Selectroicide is ideal for use in areas where they require quick and effective disinfection such as Nursing Homes, health clubs, spas, public places such as homeless shelters and swimming facilities as a treatment against CA-MRSA”, said Wagner. Selectroicide® is also effective against vancomycin-resistant *Enterococcus faecalis*, athlete’s foot, *Mycobacterium bovis* (TB) and other pathogens that spread in many environments.”

Chlorine dioxide has been used by large food and beverage plants in Canada as an effective disinfectant for many years. However, the production of the chlorine dioxide used required large scale chemical production equipment to generate. Now with Selectroicide, pure chlorine dioxide can be produced immediately on site. “It is highly effective in the removal of biofilms,” said Wagner. “Biofilms are an ideal environment for dangerous pathogens to grow and recontamination can occur very quickly if the biofilm is not completely removed. Most sanitizers and disinfectants are unable to penetrate or remove biofilms especially where there is a headspace. Since chlorine dioxide is a gas it reaches areas that are not wetted in a closed environment.”

Selectroicide® is very effective in killing the Canine parvovirus that is often fatal for dogs; so it will be very useful for veterinarians, vet hospitals and any kennel environment.

SUMMARY OF SELECTROCIDE® BENEFITS

- Can be made on-site in specific quantities and in concentrations desired. Only tap water is required to generate the chlorine dioxide.
- Non-corrosive to equipment with superior efficacy at low concentrations and neutral pH.
- Easy to use and does *not* require HAZMAT or complicated equipment, does not form THM's.
- Easy to monitor and readily detectable via easy to use test strips
- Extends shelf life and freshness of non-processed fruits and vegetables. Produce stays fresh longer.
- Quick and easy rinse out or no rinse for many applications
- Controls bacteria, biofilm and algae in a wide variety of process equipment, irrigation lines and general wetted surfaces in industry.
- EPA-registered as a disinfectant against MRSA, and other potentially virulent pathogens.
- Pathogens cannot build up resistance to Selectrocide® it kills harmful organisms by penetrating the cell walls
- Because it kills pathogens with such efficacy, Selectrocide® may reduce costs because fewer disinfection treatments may be required during a given maintenance and cleaning cycle.
- CFIA Registered with Canadian DIN approvals pending

There are several sizes of Selectrocide® available to meet different requirements as well as convenient test strips that test the appropriate chlorine dioxide concentration for its intended use.

Qwatro Corporation manufactures and distributes over 200 environmentally friendly industrial maintenance and sanitation products to institutions including government departments, health care facilities, food and beverage processing companies and industrial corporations. Qwatro formulates and manufactures its products in Etobicoke, ON Canada.

For further information, please contact Janet Wells at 416-675-2388 or jwells@qwatro.com or visit Qwatro's web site at <http://www.qwatro.com>
Selectrocide™ is a trademark of Selective Micro Technologies, LLC.