



Better, safer and smarter than bleach!

Introducing the newest technology in disinfecting and odor elimination from the innovators in microbial solutions.

Germs and bacteria are not able to build up resistance to ClO_2 because it attacks through oxidation.



Pure chlorine dioxide is a superior solution to bleach.

What are the benefits of 99.9% pure chlorine dioxide ClO_2 ?

It's **effective**

Pure ClO_2 is a powerful oxidizer — germs and bacteria are unable to build up a tolerance. It is effective against wide varieties of dangerous microorganisms including

- germs
- viruses
- fungi
- spores
- mold & mildew
- bacteria

It's **gentle**

Unlike other disinfectants, there are no corrosion concerns at use levels. ClO_2 can be used on food, water and in food preparation areas.

It's **pure**

Our technology is eco-friendly and OMRI organic certified, requiring no special disposal or handling requirements. The activated solution has a neutral pH.

Why are MTC's products so pure?

It is because of our patented technology. Simply put, the chemical reaction that generates chlorine dioxide generates harmful by-products. MTC technology traps the harmful by-products in a proprietary membrane so only the chlorine dioxide molecule is released into the solution, resulting in **negligible** and **lower corrosiveness**.

EPA Reg No. 74986-4 & 74986-5
FDA FCN 445 & 645



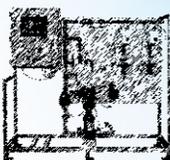
Why haven't I heard of this before?

Until the development of MTC products, ClO_2 applications were generally limited to drinking water purification and large industrial applications. It was limited because, until MTC's innovation, ClO_2 generation required large mechanical equipment that came at a huge expense. MTC products only require tap water to generate pure chlorine dioxide at a neutral pH without the disadvantages of other forms of generation.

The Story of ClO_2



The original or "stabilized" version of chlorine dioxide is made from precursor chemicals mixed together, creating low concentrations of ClO_2 but also many harmful chlorinated by-products including toxic and corrosive chlorates.



Then, chlorine dioxide generators were utilized to create a better concentration of ClO_2 . These generators are expensive, not mobile and require trained personnel. Corrosive chlorinated by-products remain a concern.

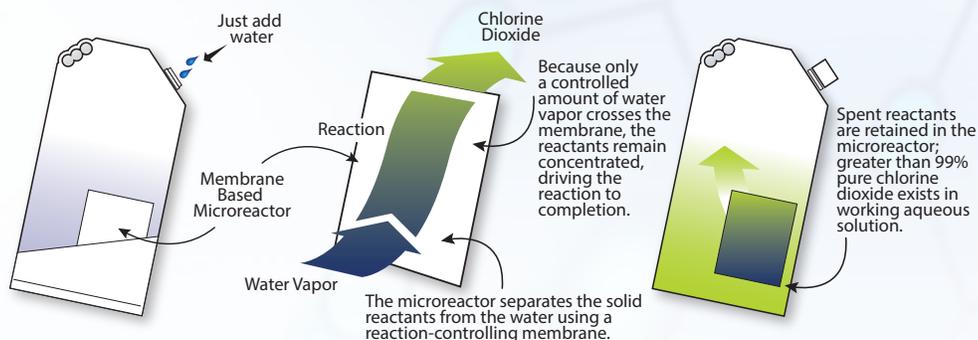


Today, **MTC'S patented ClO_2 technology** is available, allowing for ultra pure (99.9%) chlorine dioxide that's ready to use. It requires no special training, is portable and SAFE.

The purity of our product makes it ideal for food, health care, schools and daycares, as well as general disinfection and deodorization.

Contact us to make a custom protocol for your cleaning and disinfecting needs.

Microreactor Technology — How it Works



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