

Transform Disinfectant is EPA/FDA approved and generates ultra-pure chlorine dioxide. It is a remarkable biocide that provides a superior fast kill against a wide range of germs, bacteria, viruses, fungus, algae and spores. It is also a general-purpose antimicrobial cleaner used in a wide range of applications.

- **It is so pure, at lower concentrations, it can be used on fruits, vegetables, meats and seafood.** Unlike other traditional disinfectants which poisons, **chlorine dioxide as an oxidizer physically destroys at a cellular level. It is frequently used for decontamination purposes.**
- **Transform Disinfectant** harnesses the power of chlorine dioxide, and **kills microorganisms** by attacking at the molecular level where it creates breaches in the cell wall that disrupts the transport of nutrients, ultimately killing the cell and preventing microbial resistance.
- Unlike harsh bleaches or acids, **Transform Disinfectant's** ultra-pure chlorine dioxide **does not bleach or damage most surfaces and easily penetrates bio-film, killing the microorganisms that hide under there.**
- **Chlorine dioxide should not be confused with chlorine.** While chlorine dioxide has chlorine in its name, chlorine dioxide reaction chemistry is radically different from that of chlorine and they produce very different by-products. Chlorine dioxide's only by-products are salt ions and water.
- **Why It Works**
 - Chlorine dioxide is a stable free radical, and functions as an oxidative rather than a chlorinating reaction. Chlorine dioxide's oxidative power allows it to attack the cell walls, creating breaches. These breaches cause leakage of the cell contents, ultimately cutting off the supply of the cell's nutrients thus killing it. In contrast, current traditional disinfection methods are designed to poison the microorganisms. But as the microorganisms build resistance and become immune to the poison, new and stronger products have to be developed.

How It Works

Transform disinfectant destroys the invisible, protective layer known as bio-film and quickly kills the microorganisms which hide and thrive under this protective coating. Traditional disinfection products are unable to quickly penetrate the biofilm and because of this, they are ineffective.

Benefits

- Available in three dry media pouches that generate: 2.5 gallons.
- Can be generated on site, using tap water, significantly reducing shipping costs.
- Works at low concentration to safely achieve high-level disinfection and is safe for the end user.
- Can be used on most surfaces without damage or bleaching.
- Doesn't leave a residue, no clean up needed.