



Chlorine Dioxide (ClO<sub>2</sub>) is a proven odor eliminating gas with strong oxidizing abilities. It is a work horse in odor abatement. The physical nature of chlorine dioxide is a gas of a yellow green color.

*It is very soluble in water and is commonly used in water treatment for drinking water and vegetable rinses, it actually breaks down into a salt water solution.*

**ClO<sub>2</sub> is one of the strongest oxidizers of odor molecules.**

**It's Often Confused - Chlorine Dioxide smells somewhat like chlorine bleach, but it should not be confused with chlorine bleach or chlorine gas.**

They all share the name of "Chlorine" but are very different chemicals that react differently and produce by-products that have little in common. Chlorine Dioxide forms none of the harmful by-products produced by chlorine gas or chlorine bleach. Chlorine bleach and chlorine gas both operate through chlorination of a substance, the sharing of a chlorine atom. Chlorine Dioxide is effective through an oxidation process where a substance is oxidized.

Chlorine Dioxide readily vaporizes and reacts with many things around it, or it decomposes and it is gone. Once Chlorine Dioxide is deployed through the gas method it either reacts or it decomposes. One of the most significant benefits of ClO<sub>2</sub> is that it does not stay around. The gas breaks down into sodium ions and the liquid breaks down into salt and water.



## Facts About Chlorine Dioxide

- ◆ *It has been tested and proven to be the most effective tool in the odor removal industry today.*
- ◆ *Chlorine Dioxide eliminates the odors cause by mold & mildew, along eliminating odors from cigarette smoke, fire smoke, urine, fecal matter, skunk, rotten food to name a few.*
- ◆ *It can be used as a liquid, a gas or in tandem depending on the recommended protocols.*
- ◆ *When applied as either gas or liquid, ClO<sub>2</sub> goes to work and does its job and when it is finished the gas breaks down into sodium ions and the liquid breaks down into salt and water.*
- ◆ *Unlike Chlorine (Cl<sub>2</sub>), Chlorine Dioxide (ClO<sub>2</sub>) remains a true gas when dissolved in water as it does not hydrolyze in water.*



**860-560-1930**

***Disaster happens. We can FIX it!***