

- 03-INNOVATIONS** All 03-INNOVATION products use OZONE which is by far the most powerful oxidizing agent. Disinfection and Sanitization is achieved through the process of oxidation.
- EFFICACY** Ozone has, by far, the highest OP (oxidization potential). Hydrogen Peroxide's OP is 1.78 compared to Ozone which is 2.07
- CERTIFICATION** The Director of the Center for Disease Control (CDC), Dr. Paul Meechan PhD, MPH, RPB, CBSP, SM (NRCM) stated the following regarding ozone's capability to inactivate SARS-CoV-2. (Covid-19)
"Ozone is very effective at inactivating viruses, especially enveloped viruses like the SARS-Cov-2 within seconds. Ozone solubilizes the lipid membrane of the virus. Ozone will inactivate SARS-Cov-2, but you have to know what you're doing."
 - Ozone has FDA approval for produce sanitization
- DR. PAUL MEECHAN** Dr. Paul Meechan's statement "But you have to know what you're doing" refers to compliance with OSHA (Occupational Safety and Health Administration) requirements governing the extent of Ozone Gaseous emission.
 - Ozone Gaseous emission is monitored by 03-INNOVATIONS using sophisticated measuring equipment to ensure that all our products are OSHA compliant.
 - Ozone has an exceptionally high solubility rate in water which provides us with the tactical advantage that Ozone Infused Water can be sprayed in the presence of people without evacuation procedures.
- WHAT IS OZONE** OZONE (O₃) is a triatomic form of Oxygen (O₂) which has 3 atoms, unlike stable oxygen that only has 2 atoms. Ozone is unstable as the third oxygen atom is like a spring loaded projectile that penetrates the cell wall of a virus or pathogen and inactivates its internal RNA.
- HOW SAFE IS OZONE** Ozone Gas can only be inhaled in very small quantities which need to conform with OSHA requirements. All 03-Innovations dry and wet sanitization applications conform to OSHA standards.
- ADVANTAGES OF USING OZONE**
 - Water Infused Ozone has a limited lifespan of 15 to 20 minutes. As disinfection occurs in 10 to 15 seconds its lifespan is more than adequate.
 - After this short period Ozone releases its third oxygen atom and O₃ reverts back to O₂ (H₂O) which is pure chemical free water.
 - **MAJOR ADVANTAGE NO 1** – No toxic chemical residue.
 - **MAJOR ADVANTAGE NO 2** – Ozone is FREE – No chemical purchases.
 - **MAJOR ADVANTAGE NO 3** – ROI in months not years based purely on chemical savings.
- HOW OZONE WORKS** Ozone's loosely bonded third oxygen atom will break free and attack a virus or pathogen with Extreme force. This oxygen atom detaches itself from the ozone molecule and reattaches itself to the virus or pathogen.
Disinfection and sterilization is achieved by oxidation and ozone's loosely bonded oxygen atom has an unsurpassed disinfection capability.
<https://www.news-medical.net/medical/search?q=ozone%20efficacy&t=all&fsb=1>
Researchers at Yale School of Medicine and collaborators have successfully used ozone to disinfect the respirator masks used by healthcare workers to protect against respiratory diseases such as COVID-19