



## THE FIRST ON-SITE GENERATOR THAT CLEANS & SANITIZES

Cleans & sanitizes without the risk of dangerous chemicals

Environmentally Friendly

Kills 99.999% of bacteria

The solutions produced by the Trio are safe for use near people and animals

Certified GRAS by USDA

Certified GRAS by US FDA

The solutions produced meet the EPA, FDA & USDA requirements as a sanitizer

EPA Establishment Number 088681-KOR-001

Meets EPA's 40 CFR 152.500

WHEN USED AS DIRECTED THE GENEON TRIO KILLS THE FOLLOWING GERMS IN LESS THAN 1 MINUTE

Germ type	Kill Rate	Germ type	Kill Rate	Germ type	Kill Rate
e.Coli 0157.H7	99.999	Staph	99.999	Norovirus	99.999
Listeria	99.999	VRE	99.999	H1N1	99.999
MRSA	99.999	Pseudomonas	99.999	Salmonella	99.999

\* when used as directed requires a minimum of 50ppm FAC

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## Sustainability

The GenEon Trio is an On Site Generator and is among the industry's first technology that eliminates the need to ship cleaners and sanitizers across the nation to your home or office.

The GenEon Trio creates its solutions in our convenient, compact On Site Generator. The solutions created by this On Site Generator are safe and have zero environmental side-affects.

### Reduced (-)

Carbon foot print due to elimination of shipping

### Reduced (-)

Effects on people, pets, children, environment

### Reduced (-)

Effect on greenhouse gases



## Sanitizing Test Results

The GenEon Trio provides consistent sanitizing results when used as directed to kill the most common Bacteria, Viruses alge, and mold.

The GenEon Trio employs the proven science of **Hypochlorous Acid (HOCl)** which creates a neutral solution of Free Available Chlorine (FAC).

The GenEon Trio unit provides a range of FAC from 50 ppm to 250 ppm when used as directed. This broad range of FAC provides a range of cleaning and sanitizing that is non-corrosive, safe to use on near fabrics, people and all surfaces.



## Cycle Overview

Cycle & Element	pH	Results
1 gram NaCl/ 1 cycle	pH 7	(FAC) Chlorine 100 ppm
2 grams NaCl/1 cycle	pH 7	(FAC) Chlorine 250 ppm

*\*Note: The US EPA requires 50 ppm of FAC to be used as a Sanitizer in Food Service applications. Some states may require 100ppm to meet this standard. The GenEon Trio meets and exceeds all requirements as a Sanitizer/Disinfectant in Food Service applications.*



## What is Free Available Chlorine(FAC)?

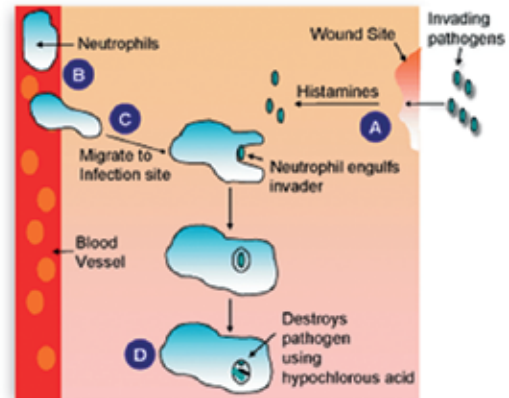
Free Available Chlorine is created when the chloride ion is separated from the sodium ion through electrolysis, running a small electrical charge through a salt solution. The process electrochemically creates **Hypochlorous Acid**



## How it Works

By way of background...the human body produces a highly effective antimicrobial solution called **Hypochlorous Acid** to fight infection. Neutrophils "white blood cells" release this natural oxidant to fight invading pathogens. The **Hypochlorous Acid** produced by the human body's immune system:

1. Reacts readily with lipids and proteins in the bacterial cell wall.
2. Ruptures the cellular walls of the bacterium
3. Kills individual microorganisms within 10 seconds



Once the Neutrophils "white blood cells" has completely surrounded the pathogen, it produces an oxidant, called **Hypochlorous Acid**

**Hypochlorous Acid** is a biocide, meaning it reacts with organic material. Once produced by the white blood cell, it kills the bacteria.



## Broad Range of uses and applications!

The GenEon Trio provides a broad range of **CLEANING** results consistent with traditional and green cleaning chemicals. Try the GenEon Trio on the following areas:

- Counter tops
- Stainless Steel Surfaces
- Mirrors & Glass surfaces
- Cooking surfaces and cooktop applications
- Wheel and brake dust!
- Ice machines
- Dining Area

When compared to the leading Traditional and **"Green"** glass & surface cleaners on the market the GenEon Trio out performs these products on a wide variety of surfaces including the removal of soap scum, film and other difficult cleaning challenges.