



How can the Genclean advanced oxidation treatment solutions be used in different applications?

Water & Wastewater Utility Treatment Systems

- Pre-oxidant to lower organic load, biofouling control & removal
- Effluent treatment without generation of disinfection byproducts
- Oxidation of emerging contaminants and recalcitrant pollutants



Cooling Towers & Systems

- Control scaling & corrosion
- Eliminates bacteria and microbiological fouling
- Removes sulfuric acid in wet scrubbers



Power Generation

- It can be used to reduce greenhouse gases in wastewater streams (CO₂, SO_x, and NO_x)
- It can be used to improve heat transfer rates for cooling towers
- Removes microbiological biological growth



Oil/Gas Refining & Produced Water

- It can be used in wet scrubbers to remove hydrogen sulfide
- Disinfectant & Advanced Oxidation of produced water
- Removes trace oil emulsion from produced water



Wastewater Treatment Systems

- It is effective at removing all pathogens while being an environmentally friendly product
- Does not create toxic byproducts when reacting with organic matter
- It will help improve and maximize the disinfection system
- Very effective in reclaimed water treatment processing
- Longest residual protection among other oxidants currently available



Fruit & Vegetable Processing Industry

- Eliminates Listeria, E. Coli and other bacterias on contact
- Removes pathogens and pollutants on the surface of vegetables, fruits, meat, frozen food & seafood
- Quicker process, higher safety & hygiene
- Increases transit & shelf life
- Reduces transit spoilage



Dairy Industry

- Raw water treatment
- Centralized & local process water treatment
- Clean-In-Place
- Surface & equipment sanitation
- Bottles, Cans, Tank cleaning process
- Removes biofilm from process lines
- Extends residual protection
- Increases shelf life



Fisheries & Aquaculture Industry

- Oxidation of organic matter with no disinfection byproducts
- Precipitation of dissolved matter
- Microflocculation of organic matter
- Destabilization of colloidal matter
- Oxidizes ammonia
- Eliminates odor



Industrial Wastewater Treatment Industry

- Color reduction, odor reduction
- Reduces organic impurities, COD, BOD, heavy metals, colloids, etc.
- Enhances coagulation, flocculation, biological treatment, filtration systems
- Protects membranes and extends life of ultrafiltration & RO systems
- Water recycling/reuse & environmentally friendly



Hotels, Resorts, Hospitality Industry

- It can remove pathogens and contaminants in washing water for vegetables, fruits, meats, seafood.
- Very powerful and fast acting oxidant to control microbiological contaminants in cooling towers.
- Genclean can control and maintain pools of bacteria, cysts, viruses, algae in hotel pools, resorts, etc.



Pools & Aquatic Fountains

- Reduce pollutants in water pools and fountains, including viruses, bacteria, cysts and algae with one solution.
- Sustainable solution NSF certified, elimination of risks for health associated with swimming in chlorinated water, including irritation of the the skin, eyes and lungs.



What is Genclean™ advanced oxidation disinfection solution and what is it used for?

A non-toxic, advanced oxidation (AOP) formula of minerals chelated with oxygen and stabilized in an aqueous water solution. It is a viable option in industries and applications requiring a solution to challenging situations where high level effective sanitization and oxidation is required. It has 2x the oxidation capability of chlorine (bleach) and almost 1.5x the oxidation capability of ozone, hydrogen peroxide, and similar non chlorine solutions as measured by oxidation reduction potential.

Genclean is a product of a chemistry that is effective in a wide pH range, and it does not require external catalyst activation. This solution provides long residual disinfection, and it does not need a large capital investment or highly trained technicians.

It has a shelf life of 6 months. Genclean is available in tote & drum containers for commercial/industrial & water utility chemical feed applications.

This product family has NSF/ANSI 60 certification and is US FDA GRAS compliant, approved for water & wastewater oxidation treatment, disinfection, biofilm control, bactericide, biocide, scale and corrosion.



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