



GENCLEAN™ Muni
Potable Water & Domestic Wastewater Facilities
Oxidation & Disinfection Treatment

WHAT IS GENCLEAN-MUNI?

GENCLEAN™ Muni is an NSF 60 certified specialized advanced oxidation treatment solution for potable drinking water and domestic wastewater treatment plant facilities.

This product is a safe, reliable, and environmentally friendly treatment solution developed using sustainable chemistry for the disinfection, sanitation and oxidation of drinking water and domestic wastewater.

Genclean Muni does not require external catalyst activation to generate its capabilities to oxidize, disinfect, and sanitize drinking water and wastewater from pathogens including bacteria, viruses, cysts, and trace heavy metals using powerful internally generated reactive oxygen compounds and hydroxyl radicals.

Toxic byproducts generated as a result of gas chlorine, bleach or ozone compounds interaction with organic matter in the water is eliminated rendering the water safer to drink and treated wastewater safer to discharge to the environment.

GENCLEAN Muni can provide an effective residual disinfection for drinking water distribution with more efficiency than chlorine at a lower dosage. It can also compliment existing ultraviolet disinfection systems, and allow them to operate better at a lower Opex cost. These advantages along with the ease of monitoring Genclean Muni dosage rates provides the client a quick return on investment.

ADVANTAGES

SAFE, EFFECTIVE, SUSTAINABLE, SIMPLE TO IMPLEMENT

TREATMENT PROCESS

GENCLEAN Muni treatment solution is fed into process water using a GWT chemical feed pump system with an integrated pH/ORP controller to automatically proportionally adjust dosage to maintain oxidation reduction potential (ORP) in the range of +700mV to +750mV at neutral pH. A suitable existing chemical feed system may also be used if it has this capability. This product can be mixed into the drinking water or domestic wastewater application using a mechanical mixer or an inline static mixer.

* Dosage can be field adjusted and lab validated.



BENEFITS & ADVANTAGES

- Genclean™ Muni is not specifically sensitive to pH variation.
- Does not produce toxic compounds with organic compounds present in the water source
- Rapidly and effectively removes bacteria, viruses, cysts and recalcitrant compounds in drinking water and domestic wastewater applications and can act as a capable oxidizing agent and flocculation aid for trace metals including hydrogen sulfide, trace iron, and manganese.
- It is an excellent disinfectant. It has a greater oxidizing potential than UV, gas chlorine, bleach, and ozone. Pathogens cannot create resistance to its disinfection capabilities at indicated ORP dosage rates.
- It is safer than gas chlorine, bleach or ozone disinfection, and provides lower Capex cost with residual disinfection capabilities.
- A cost efficient, safe, sustainable treatment solution to treat, disinfect and oxidize contaminants in potable water and domestic wastewater treatment plant facilities.

PRODUCT PACKAGING

GENCLEAN™ Muni treatment solution is available in 55 gal (200 L) drums and 265 gal (1000 L) totes.

TYPICAL SHELF LIFE:

6-7 months shelf life for maximum performance.

STORAGE REQUIREMENTS:

Store at room temperature, out of direct sunlight. Keep away from children.



Tote



Drum

CERTIFICATIONS:

NSF 60 certified, Ingredients are FDA Generally Recognized As Safe (GRAS) Compliant

For assistance or requests for treatability testing services using our advanced GENCLEAN Muni treatment solution for your drinking water or domestic wastewater treatment facility please reach out to us by phone or email us at: customersupport@gencleantreatment.com