



GENCLEAN™ Ind
Industrial Water & Wastewater Facilities
Oxidation & Disinfection Treatment

WHAT IS GENCLEAN-IND?

GENCLEAN™ Ind is an NSF certified specialized advanced oxidation treatment solution specifically developed for wastewater treatment in industrial facilities.

This product is an environmentally friendly, safe, and reliable treatment solution developed to assist in the oxidization and reduction of BOD, COD, hydrogen sulfide, and recalcitrant compounds. It also excels in the microbiological disinfection of industrial wastewater and for clean in place sanitization systems.

It does not require external catalyst activation to generate its capabilities to disinfect and oxidize industrial wastewater through the utilization of internally generated reactive oxygen compounds and hydroxyl radicals providing highly effective treatment of pathogens, and other specific harmful compounds.

GENCLEAN™ Ind can provide multiple advantages for industrial facilities to optimize their wastewater treatment operations. These advantages along with the ease of monitoring Genclean dosing rates allows industrial companies to obtain a quick return on investment.

ADVANTAGES

EFFECTIVE, SCALABLE, SUSTAINABLE, EASY TO IMPLEMENT

TREATMENT PROCESS

GENCLEAN™ Ind treatment solutions are fed into industrial wastewater 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 +400mV to +750mV based on the application. A suitable existing chemical feed system may also be used if it has this capability. This product can be effectively mixed into the tertiary industrial wastewater application using a suitable inline static mixer or mechanical mixing system.

* Dosage can be adjusted in the field and lab validated based on industrial wastewater treatment goals.



BENEFITS & ADVANTAGES

- Efficiently reduces hydrogen sulfide, CO2, ammonia nitrogen, COD, BOD, as well as significantly reducing aromatic compounds, trace detergents, trace oil emulsions, adsorbable organic halogen(AOX), pesticides, azo dyes, color and phenol based on dosage concentration.
- Effectively removes and controls biological fouling & scaling
- Pathogens cannot create resistance
- It has almost 3x oxidation potential of chlorine and almost 1.5 times oxidation potential of hydrogen peroxide, chlorine dioxide, ozone, and similar biocides, as measured by oxidation reduction potential
- It can effectively treat within a wider pH range compared to other similar treatments
- Simple to deploy and operate using our GWT chemical feed skid system with integrated ORP/pH controller to automatically maintain oxidation reduction potential dosage range for the specific application

PRODUCT PACKAGING

GENCLEAN™ Ind 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.

CERTIFICATIONS:

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

For assistance or requests for using our advanced GENCLEAN™ Ind treatment solution and dosing system for oxidation/disinfection purposes in the industrial wastewater treatment operations in your facility, please reach out to us by phone or email us at: customersupport@gencleantreatment.com.



Tote



Drum