



**GWT GENCLEAN™ Disinfect**  
**Industrial/Commercial Cooling Tower Disinfection Treatment**

### WHAT IS GENCLEAN DISINFECT?

Genclean™ Disinfect is an NSF certified advanced oxidation water treatment solution.

This product is an environmentally safe solution recently developed for disinfection, scale prevention and sanitization of commercial and industrial cooling tower process water applications.

Genclean Disinfect does not require external catalyst activation to generate its capabilities to disinfect, sanitize and oxidize bacteria and biofilm including Legionella from industrial/commercial cooling tower equipment surfaces.

It also provides the benefits of scale reduction, as scaling mineral deposits typically agglomerate on a foundation of bacteria and biofilm in cooling tower systems. This product prevent the deposition of these minerals from attaching to this organic matter.

Due to the benefits listed above, there is up to a 40% increase in heat exchange transfer efficiency as a result of ongoing treatment, along with the ease of monitoring Genclean Disinfect dosage rates provides the client a quick return on investment.

### ADVANTAGES

**EASY TO IMPLEMENT, RELIABLE, SAFE, SUSTAINABLE**

### TREATMENT PROCESS

Genclean Disinfect is fed into process water using a GWT chemical feed pump system with an integrated pH/ORP controller to automatically adjust dosage to maintain ORP typical range of +500mV to +700mV or higher. A suitable existing chemical feed system may also be used if it has this capability to automatically adjust dosage based on ORP values. This solution is mixed into the water using an inline static mixer or mechanical mixer.

\* Dosage shall be field adjusted and lab validated.



**BENEFITS & ADVANTAGES**

- Genclean™ Disinfect can effectively treat within a wider pH range compared to other similar treatments
- Quickly and efficiently inactivates existing bacteria and biofilm including the bacteria that causes legionnaires disease in seconds.
- It has almost 3x oxidation potential of chlorine and almost 1.5 times oxidation potential of hydrogen peroxide & ozone as measured by oxidation reduction potential (ORP).
- It is less corrosive than chlorine or ozone, and provides lower Capex cost.
- A cost efficient, safe, sustainable treatment solution to treat microbiological contaminants which are the foundation for the formation and growth of mineral fouling deposits of heat exchange surfaces.

**PRODUCT PACKAGING**

Genclean™ Disinfect 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



Tote



Drum

For assistance or requests for bench testing services using Genclean Disinfect for your industrial or commercial cooling tower process water treatment application please reach out to us by phone or email us at: [customersupport@gencleantreatment.com](mailto:customersupport@gencleantreatment.com).