



Water Treatment – Cooling

Exceptional Treatment Programs for Industrial Cooling Water Systems

Cooling water systems are impacted by a range of issues. When microbiological growth, corrosion and deposition occur they can lead to flow restrictions and reduced operating efficiency.

This can result in unscheduled outages and higher maintenance costs. Diversey’s cooling water treatment programs combine our application expertise and technical support with cutting-edge chemistries, and advanced monitoring and control systems that address all of your industrial operations challenges. Our solutions will enable you to improve

the reliability and performance of your cooling towers, heat exchangers and chill water systems. This will help you to reduce operational costs - by mitigating required maintenance - decrease your chemical spend, and conserve water and energy to contribute to your sustainability targets.

Targeted Improvements:



Improved system performance



Improved asset protection



Broad regulatory compliance



Reduced operator intervention



Improved operational performance and efficiency



Exacting product quality control



Reduced water, energy and effluent costs



Reduced downtime



Optimized chemical usage



Reduced total cost of operation



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A Broad and Innovative Portfolio of Solutions Whatever Your Challenges

Diversey has one of the broadest and most innovative portfolios of cooling water treatments in the industry. This applies whether your facility has an open recirculating, closed, or once-through cooling water system; or whether you are challenged by microbiological growth, corrosion or deposition.

Our portfolio includes microbiological control treatments for reducing microbial activity and biofilm growth, and corrosion control treatments that prevent corrosion from reducing asset life. In addition, our scale control treatments address the formation of scale, while we also provide proprietary monitoring and control systems for controlling biofilm, corrosion and scale.

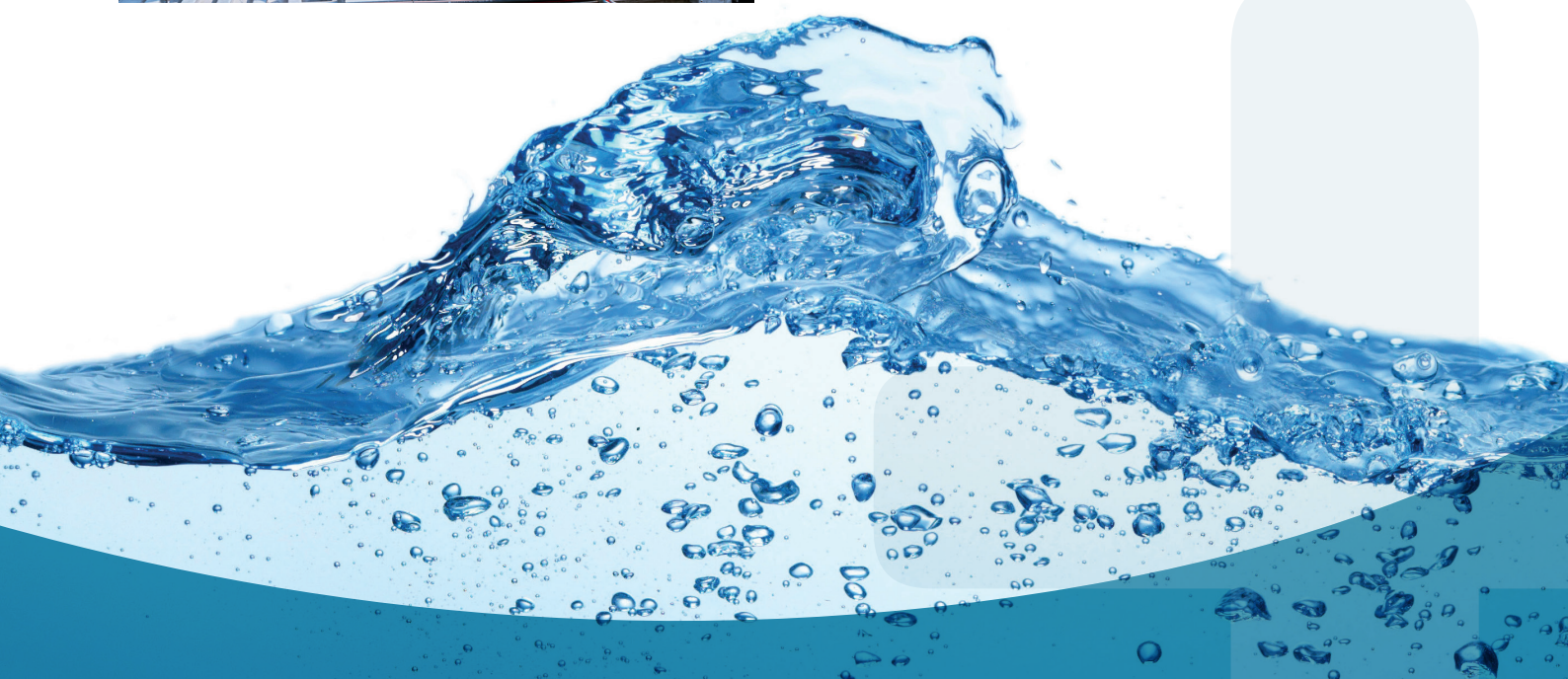


A Comprehensive Range of Cooling Water Treatment Chemicals

Diversey is acknowledged as a leader in cooling water treatment and provides advanced solutions for mitigating the biggest cooling water challenges - biofilm, corrosion and scale. Our portfolio of cooling water treatment chemicals is compatible with open recirculating, closed, or once-through cooling water systems.

Our Solutions Include:

- Oxidizing biocides
- Non-oxidizing biocides
- Bio dispersants
- Chlorine stabilizers
- Cleaners
- Corrosion inhibitors for copper and copper alloys
- Deposit control agents with advanced terpolymer chemistry and patented stress reducing technology
- Scale inhibitors with phosphorus-free formulations





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Monitoring and Control

To help maintain the reliability and performance of your cooling water systems, we offer state-of-the-art monitoring and control systems. This includes a full line of cooling water treatment chemicals that work at various pH levels and with different water chemistries.

We also offer performance-based control systems specifically for cooling water treatment programs. These systems use advanced sensor technology to measure actual program performance and provide feedback or feed forward control to maintain desired results. In addition, we provide several monitoring and control solutions for cooling water treatment applications.

Our Systems Include:

- Automated chemical feed and control systems that provide proper chemical dosage as a function of system demand
- Biofilm and scale monitoring systems that utilize patented ultrasonic technology to accurately detect bio fouling and scale
- Data management service
- Heat exchanger performance monitoring program
- Inventory monitoring service
- Power boiler leak indication system

Diversey Deliver Exceptional Water Treatment throughout the Global F&B Industry

Whether processing, washing, diluting, cooling, or cleaning - water is a necessity in Food and Beverage (F&B) production. The quality of the water is critical for efficiency, consistency, and safety. Maintaining quality helps to ensure safer, more consistent products and protect brands, while maintaining profitability and hygiene compliance to stringent regulatory standards.

In partnership, we apply our global expertise to achieve four key goals wherever water is used

- To help reduce or reuse the water used in processing
- To achieve sustainability goals and cost savings
- To maintain product quality and compliance
- To protect asset life

Our world-class range of technologies, services, and innovative solutions combine specialty chemicals and equipment tailored to the individual needs of each facility, to optimize water treatment processes.



Visit www.diversey.com/watertreatment to discover Diversey's complete range of Water Treatment solutions



Diversey's purpose is to **protect** and **care** for people through leading hygiene, infection prevention and cleaning solutions. Diversey has been, and always will be, a **pioneer** and **facilitator for life**.

We constantly deliver **revolutionary** cleaning and hygiene technologies that provide **total confidence** to our customers across all of our global sectors, including: cleaning products, systems and services that efficiently integrate chemicals, machines and sustainability programs. This makes us **unique** among leading global hygiene and cleaning companies.

Everything we do has our customers' needs at its heart and is based on the belief that cleaning and hygiene are **life essentials**.

With over **95 years of expertise**, we safeguard our customers' businesses, contributing to productivity improvements, lower total operating costs and brand protection.

Diversey is headquartered in Fort Mill, S.C., USA. For more information, visit **www.diversey.com** or follow us on social media.

