



Protecting Life.  
Together.



## Water Treatment – Corrosion Inhibitors

### Highly Efficient Chemical Inhibitors to Counter Corrosion Costs

Corrosion has a number of effects on the safe and reliable operation of process equipment which often have implications beyond asset life.

Within industrial operations, the biggest risks associated with corrosion come from equipment failures, which can result in serious damage to your capital assets, and cause significant production loss and downtime. In addition, to safety and environmental hazards, these corrosion-related issues cost manufacturers billions of dollars each year.

Diversey's corrosion inhibitors combine our application expertise and technical support with cutting-edge chemistries, and advanced monitoring and control systems for your corrosion challenges.

#### 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



## Water Treatment – Corrosion Inhibitors

### A Comprehensive Range of Solutions All in One Place

We offer a very broad range of corrosion control solutions for your boiler systems, recirculating cooling systems, closed systems and service water.

#### Our Solutions Include:

##### *For Boiler System Corrosion Control*

- Layup and storage programs
- Metal passivators
- Neutralizing amines
- Non amine filmers - filming amines
- Non-volatile
- Oxygen scavengers
- Volatile

##### *For Recirculating Cooling System Corrosion Control*

- Alkaline programs
- Low-phosphorus programs
- Stabilized phosphate programs
- Yellow metal corrosion inhibitors

##### *For Closed System Corrosion Control*

- Brine treatment
- Molybdate corrosion inhibitor
- Nitrite corrosion inhibitor
- Organic corrosion inhibitor

##### *For Service Water Corrosion Control*

- Iron dispersants
- Manganese dispersants
- Phosphate corrosion inhibitor
- Polyphosphate corrosion inhibitor
- Zinc corrosion inhibitor





## Water Treatment – Corrosion Inhibitors

### Monitoring and Control

Our corrosion control programs significantly reduce the rate of corrosion in a variety of metals used across a range of applications. These corrosion control solutions effectively neutralize the corrosive side effects of aqueous environments and system contaminants that often hamper your productivity, shut down operations, or shorten the lives of capital-intensive equipment.

As well as a comprehensive range of corrosion control chemistries, we can help our customers to determine why their corrosion occurred in the first place. Working in partnership, our team will help you identify the root cause so you can take corrective action to ensure system reliability.

We offer several monitoring and control solutions for corrosion control applications. These systems utilize proprietary algorithms to deliver unparalleled protection. Integration with the Solenis OnGuard™ OnLine's secure cloud-based service enables you to use these systems to remotely monitor and control your corrosion treatment program 24/7.

### Our Systems Include:

- Automated chemical feed and control systems
- Coordinated phosphate-pH control system
- Data management service
- 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](http://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](http://www.diversey.com) or follow us on social media.

