



Water Treatment – Scale Inhibitors

Highly Effective Inhibitors to Combat Scale Formation

Impurities in industrial water and process streams can cause scale to form on equipment surfaces and in associated piping. Scale formation can negatively affect a variety of processes and ultimately the profitability of your plant.

This is especially true with industrial operations that use large amounts of process water. Mineral scale and inorganic hard scales can lead to a number of problems, including lost production, increased maintenance and utility costs, poor product quality and unscheduled downtime.

Diversey's scale inhibitors combine our application expertise and technical support with cutting-edge chemistries, and advanced monitoring and control systems to help combat your scale 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



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A Comprehensive Range of Scale Inhibiting and Removal Chemicals

Diversey offers a comprehensive portfolio of scale inhibitors and antiscalants that address virtually every type of scale, including common calcium scales and less common barium, magnesium, manganese, silicate and sulfate scales and struvite scale. These products include proprietary scale control chemistries and uniquely formulated antiscalants that employ multiple scale control mechanisms, including dispersion, inhibition, crystal distortion and sequestration. These effectively reduce the potential for scale formation in industrial processes.



In addition to our scale control chemistries, we can also provide a range of cleaning products for removing existing scale deposits and novel scale monitoring systems that employ patented ultrasonic technology. This can detect and measure scale deposition as low as 1 micron, providing unparalleled scale measurement.

Scale Inhibitors Include:

- Phosphate-free formulations
- Proprietary products for ultra-low pH applications
- Zinc free formulations

Dispersants

- Acrylic-based formulations
- Can be used standalone or with scale inhibitor
- Chelating agents
- Basic and acidic formulations





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Monitoring and Control

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

Our Systems Include:

- Automated chemical feed and control systems
- Inventory monitoring service
- Data management service
- Scale monitoring systems
 - On Guard™ 3H analyzer
 - On Guard™ 3S analyzer

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.

