

Biocidal treatment chemicals

7000 Series | Product Flyer

Hydrex® Chemical Solutions

In water treatment systems, the growth of microbiological populations (algae, fungi, bacteria, protozoa, etc.) can cause damages such as corrosion, biofouling, formation of slime and H₂S, all of which can reduce the plant global efficiency through downtimes, reduced heat transfer and lost production.

The Hydrex 7000 Series is a range of chemicals specifically formulated to protect assets from contamination while minimizing risks for the environment .

FEATURES

The use of chemicals to control the microbiological populations (algae, fungi, bacteria, protozoa, etc.) is subject to strict regulations. Compliant with the most stringent local norms, Hydrex 7000 range comprises oxidizing and non oxidizing biocides with a broad spectrum of efficiency or targeted against a specific contaminant:

- Rapid-action or delayed-action products
- Continuous-action or shock treatment products
- OSG Hydrex (On-site Generation): environmentally friendly technology based on salt hydrolysis to generate a biocidal solution in situ, avoiding chemical transportation and storage (costs)

BENEFITS

- Lab test assessment of the efficiency and market approval of each product of the range
- Chemistries to be coupled with equipment, service and monitoring digital tools in complete global Hydrex chemical programs
- Control of microorganism growth
- Prevention of equipment degradation and protection of their integrity
- Removal and prevention of biofilms that reduce heat transfer rates
- Continuous range optimisation with less harmful products



APPLICATIONS

They are selected by Veolia experts for many applications:

- Cooling systems ; Legionella control
- Bio-fouling, Drinking water grade in Food & Beverage industry, Hot sanitary water Sanitization of wastewater, before reuse.

The **Hydrex Chemical Solutions** combine the chemicals with expertise of our technical teams, onsite services and a full line of automated systems and Hubgrade digital tools to dose, control and continuously improve performance.

The Hydrex Chemical Solutions are available around the globe and are supported by the local technical personnel of our Veolia entities as well as a team of experts at the headquarter level.

Chemicalsolutions.hydrex@veolia.com
www.veoliawatertechnologies.com