

OSG Hydrex®

On Site Generator of disinfecting biocide solution for cooling systems

Product Flyer

Hydrex® Chemical Solutions

For any industrial site, the oxidizing treatment of water in cooling systems is essential to optimize health and safety for the operators and protect the assets. While regulations push to restrict the use of synthetic biocides, sodium hypochlorite and bromine to limit environmental impact, they also impose control of bacterial growth and legionella risk.

Using only salt, soft water and electricity, OSG Hydrex generates in situ when and where it is needed an oxidizer disinfectant substituting to bleach and bromine products. Offering a greener alternative to conventional oxidizing biocides OSG Hydrex also reduces the use of non oxidizing biocides by up to 80%.

FEATURES & BENEFITS

- Reduced storage and handling of hazardous substances for improved Health & Safety
- Savings on:
 - chemicals (up to 55% less on biocide budget)
 - transport, packaging costs
 - CAPEX thanks to Hydrex renting package
- Reduction of conventional chlorination by-products:
 - Higher COC (improved water footprint)
 - Better blowdown quality
- Efficiency at free pH
- More efficient than conventional oxidizing biocides on biofilm
- Full compliance with regulatory standards
- Improved environmental impact (carbon and water footprint, and discharge quality)

OSG HYDREX FOR COOLING

Part of Veolia Hydrex comprehensive treatment programs for cooling systems, OSG is proposed in a “all inclusive” renting package for continuous performance, flexibility and peace of mind:

- Equipment including online controllers, injectors, and storage devices
- Hydrex chemicals
- 360° services (analytics, lab, maintenance, support)



APPLICATIONS

Available in eight models ranging from 1.44 to 60 kg/day of FAC , OSG Hydrex is applicable for

- Small and medium size free pH cooling towers
- Applicable to most industrial sectors

and also to

- Pretreatment of raw water, drinking water

Part of Veolia Water technologies portfolio, the **Hydrex Chemical Solutions** leverage chemistries, services, equipment, and Hubgrade digital offer to optimize your water cycle performance. We contribute to the long-term safety and resilience of your installations while reducing their environmental impact and total operating costs.

The Hydrex Chemical Solutions are available around the globe and are supported by our local technical teams as well as a global team of experts

Chemicalsolutions.hydrx@veolia.com
www.veoliawatertechnologies.com