

X_Aquacar®

X_Kathon®

X_Preventol®

X_Oxone™

Our broad portfolio of microbial control products for Middle East and Africa provides comprehensive solutions for the prevention and remediation of water contaminants. Whether caused by microbes or chemicals, we offer the appropriate treatment solution to mitigate their effects.

Cooling Water



Membrane Antifouling



Pulp & Paper



Water provides an ideal environment for microbial growth. Our product portfolio includes a wide range of options specifically designed to control the growth and proliferation of bacteria, algae, and fungi in bulk water, as well as biofilms. Left untreated, these microorganisms may lead to operational inefficiencies, microbiologically induced corrosion (MIC) and health risks.

Our water treatment technologies are effective against a broad spectrum of microorganisms over a wide range of conditions. They are compatible with other water treatment chemicals and effective in a variety of water-intensive applications and systems, such as cooling water systems, membrane filtration, paper manufacturing, as well as municipal and potable water.

In addition to the key products highlighted in Table 1, there are further options available for water treatment. These offerings differ in composition and regulatory approvals, including biocidal products formulated with multiple active substances highly specific to region and application. Key examples in EMEA are Preventol® P 91 (bronopol and CMIT/MIT) and Preventol® DP 1021 (DGH and bronopol).

LANXESS is a global leader in support and advocacy of sustainable and responsible microbial control technologies. Based on our extensive experience and knowledge of biocidal regulations, we play a key role in the regulatory support of actives, products and applications.

In many countries, biocides may only be sold if they have been previously registered with and approved by the authority following a complex process.

We support a significant number of active substances and biocidal products from our large product portfolio, based on extensive data packages. Our technical and regulatory experts can support you with the use of our biocidal products and with your registrations based on our ingredients. LANXESS local service laboratories can assist with microbiological and chemical testing as well as with application development.

Our worldwide regulatory and technical experts look forward to supporting you to find the most suitable solution for your needs.

The following table shows key product options and key features and benefits for water applications by active substance:

Table 1: Portfolio overview

Chemistry and Product Name*		Active Ingredient	Key Features and Benefits
Glutaraldehyde CAS 111-30-8	Aqucar® GA 50	50 %	<ul style="list-style-type: none">Very broad microbial control spectrum: bacteria (including slime-forming and anaerobic), spores, yeast, fungi, algae, protozoa, etc.High compatibility with equipment and additivesHigh performance in anaerobic conditionsFast speed of actionReadily biodegradable
	Aqucar® IG 50		
DBNPA CAS 10222-01-2	Aqucar® DB 100	100 %	<ul style="list-style-type: none">Very fast acting, unique curative treatment optionsHigh compatibility with equipment and additives, including membranesBroad-spectrum control of bacteria (including slime-forming and Legionella), fungi, yeast, cyanobacteria and algae
	Aqucar® DB 20	20 %	
Bronopol CAS 52-51-7	Aqucar® BP 100	100 %	<ul style="list-style-type: none">Attractive balance of speed of action and length of protection, providing high preservation performanceBroad-spectrum bacterial efficacy (including slime-forming and anaerobic)High compatibility with equipment and additivesHighly complementary with other active substances
	Preventol® P 100		
	Preventol® P 30	30 %	
	Bioban® BP 30		
CMIT/MIT CAS 55965-84-9	Kathon® 886 F	14 %	<ul style="list-style-type: none">Broad-spectrum performance: bacteria (including slime-forming and Legionella), yeast, fungiRapid inhibition of microbial growth and enzyme synthesisAttractive balance of speed of action and length of protection, providing high preservation performanceHigh compatibility with equipment and additives, including membranesEffective at very low concentrations, resulting in attractive cost-to-treatReadily biodegradableBroad range of product offerings, differing in solvent, dilution and stabilization
	Kathon® WT		
	Kathon® CF 1400		
	Kathon® 886		
	Preventol® IT 14		
	Kathon® WTE	1.5 %	
	Preventol® D 7		
DGH CAS 13590-97-1	N-2000 Antimicrobial	35 %	<ul style="list-style-type: none">Broad-spectrum performance: bacteria (including Legionella, slime-forming and anaerobic), algae, fungiEffective at very low concentrationsHigh compatibility with equipment and additivesBroad pH application rangeLower foaming compared to quaternary ammonium compounds
	N-2001 Antimicrobial		
EDDM CAS 3586-55-8	Preventol® EDDM	97%	<ul style="list-style-type: none">Attractive balance of speed of action and length of protection, providing high preservation performanceAvailable as 97% concentrated liquidLow cost-to-treat
DCOIT CAS 64359-81-5	Klarix® 4000	4.25%	<ul style="list-style-type: none">Very strong algicidal performanceFast-actingRapid degradation
MBT CAS 6317-18-6	N-948	98 %	<ul style="list-style-type: none">Broad-spectrum performance: bacteria, yeast, fungi, algaeFast-acting
Potassium monopersulfate CAS 70693-62-8	Oxone™ monopersulfate compound	90 %	<ul style="list-style-type: none">High oxidation power with kinetically fast reactionsChlorine-free and odorlessGood safety profile and low environmental impactEasy to transport, store & handleDoes not corrode stainless steel

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Energizing Chemistry

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Use biocides safely. Always read the label and product information before use.

Our technical advice - whether verbal, in writing or by way of trials - is based on the unverified information provided by you to us and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information provided by us - especially that contained in our safety data and technical information sheets - and to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you and / or your customers on the basis of our technical advice are beyond our control and, therefore, entirely your own and / or your customer's responsibility. In addition, our General Conditions of Sale and Delivery apply.

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Actives/Water Treatment Portfolio/06.12.24/MEA/V5/G