

Pulp and Paper

## GLOBAL PRODUCT OVERVIEW FOR RECENTLY ACQUIRED PORTFOLIO

Product Name	Active Ingredient*	Features & Benefits
KATHON™ WT Biocide	CMIT/MIT	<ul style="list-style-type: none"> <li>■ Supplied as 1.5% and 14% ingredient formulations</li> <li>■ Broad-spectrum biocide effective against biofilm</li> <li>■ Rapid inhibition of microbial growth and enzyme synthesis</li> <li>■ Effective at low concentrations</li> <li>■ OECD 301B inherently biodegradable</li> </ul>
KATHON WT 1.5% Biocide		
KATHON™ WTE Biocide		
KATHON™ CF 150 Biocide	CMIT/MIT	<ul style="list-style-type: none"> <li>■ Supplied as a 1.5% and 14% formulations</li> <li>■ No copper salts required for stabilization depending on product and use level</li> </ul>
KATHON™ CF 1400 Biocide		
AQUCAR™ BP 100 Water Treatment Microbiocide (free-flowing, crystalline solid)	Bronopol	<ul style="list-style-type: none"> <li>■ Broad-spectrum bacterial efficacy</li> <li>■ Especially effective in combination with other biocides</li> <li>■ Controls slime-forming bacteria</li> <li>■ Controls anaerobic bacteria responsible for microbiologically induced corrosion</li> </ul>
AQUCAR™ BP 30 Water Treatment Microbiocide		
AQUCAR™ DB 100 Water Treatment Microbiocide (free-flowing, white crystalline solid)	DBNPA	<ul style="list-style-type: none"> <li>■ Compatible with all types of water treatment chemicals</li> <li>■ Broad-spectrum control of bacteria, fungi, yeast, cyanobacteria and true algae</li> <li>■ Fast acting, can be used as a knockdown biocide treatment</li> </ul>
AQUCAR™ DB 20 Water Treatment Microbiocide		
AQUCAR™ GA 135 Water Treatment Microbiocide	Glutaraldehyde	<ul style="list-style-type: none"> <li>■ Available in different levels of active ingredient</li> <li>■ Effective against bacteria and fungi in paper making systems and useful in inhibiting slime formation in all areas of paper making process</li> <li>■ Especially effective in controlling bacterial growth in aqueous pigments and filler slurries</li> <li>■ Compatible with commonly used “wet-end” additives</li> <li>■ Compatible with anionic, non-ionic and cationic dispersants</li> </ul>
AQUCAR™ GA 24 Water Treatment Microbiocide		
AQUCAR™ GA 25 Water Treatment Microbiocide		
AQUCAR™ GA 50 Water Treatment Microbiocide		

Product Name	Active Ingredient*	Features & Benefits
AQUCAR™ 714 Water Treatment Microbiocide	Glutaraldehyde + quaternary ammonium (quat)	<ul style="list-style-type: none"> <li>■ Especially effective in controlling slime-forming bacteria, sulfate-reducing bacteria and algae</li> <li>■ Facilitates both rapid sanitation and durable preservation of the end product</li> <li>■ Recommended in applications where a rapid speed of kill needs to be combined with storage preservation of final product</li> </ul>
AQUCAR™ 742 Water Treatment Microbiocide	Glutaraldehyde + quaternary ammonium (quat)	<ul style="list-style-type: none"> <li>■ Specially formulated to help rapidly clean microbiologically fouled surfaces</li> <li>■ Extremely fast acting</li> <li>■ Compatible with most commonly used scale and corrosion inhibitors</li> </ul>

\*\* CMIT/MIT: 5-chloro-2-methyl-4-isothiazolin-3-one & 2-methyl-4-isothiazolin-3-one  
DBNPA: 2,2-dibromo-3- nitrilopropionamide



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