

## Building & Construction Materials – In-Can Preservation

# BIOCIDE SELECTION GUIDE – NORTH AMERICA

(recently acquired portfolio)

Products	Active Ingredient	Solvent/ Carrier	Form	pH Compatibility	Efficacy*	Key Characteristics
BIOBAN™ BTCM Antimicrobial	BIT (1,2-benzisothiazolin-3-one) + CMIT/MIT (Chloro-2-Methyl-4-iso-thiazolin-3-one / 2-Methyl-4-isothiazolin-3-one)	Aqueous dispersion	Liquid	2–12	B, F	Combination of two of the most common actives at globally accepted levels, fast-acting and long-term preservation, efficacy against Pseudomonas
KATHON™ LX 1.5% Biocide	CMIT/MIT (5-chloro-2-methyl-4- isothiazolin-3-one & 2-methyl-4-isothi- azolin-3-one)	Water	Liquid	2–9	B, F	Broad-spectrum activity; zero VOC**; no added formaldehyde
ROCIMA™ BT 2S Microbicide	BIT (1,2-benzisothiazolin-3-one)	Glycol	Liquid	2–12	B	Heat- and pH-stable; no added formaldehyde
ROCIMA™ BT NV2		Aqueous dispersion	Liquid	2–12	B	Zero VOC*** formulation
ROCIMA™ 586	CMIT/MIT + Bronopol(2-bromo-2- nitropropane-1,3-diol)	Water	Liquid	3–8	B, F	Broad-spectrum activity from combination of actives
ROCIMA™ 607 Biocide	BIT + Bronopol (2-bromo-2-nitropropane-1,3-diol)	Water	Liquid	4–11	B, F	Broad-spectrum activity; heat- and pH- stable
ROCIMA™ 550	MIT (2-methyl-4-isothiazolin-3-one)	Water	Liquid	2–12	B, F	Effective bactericide; pH-stable
BIOBAN™ QK-20 Antimicrobial	DBNPA (2,2-dibromo-3- nitropropionamide)	Glycol	Liquid	2–9.5	B, F	Excellent biocide for rapid decontamination and preservation enhancement
BIOBAN™ BP 10 Preservative	Bronopol (2-bromo-2-nitropro- pane-1,3-diol)	Water	Liquid	3–8	B	Broad efficacy against bacteria, including Pseudomonas species
BIOBAN™ BP 30 Preservative	Bronopol (2-bromo-2-nitropropane-1,3- diol)	Glycol	Liquid	3–8	B	
BIOBAN™ BP 40 Preservative	Bronopol (2-bromo-2-nitropropane-1,3- diol)	Glycol ether	Liquid	3–8	B	
BIOBAN™ BP Plus Preservative	Bronopol (2-bromo-2-nitropropane-1,3- diol)	N/A	Solid	3–8	B	
BIOBAN™ BZ Antimicrobial	BIT (1,2-benzisothiazolin-3-one) + ZPT (Zinc 2-pyridinethiol-1-oxide)	Aqueous dispersion	Liquid	4–12	B, F	Dual active action for high thermal stability. Efficacy against Pseudomonas
BIOBAN™ DXN Antimicrobial	DXN (6-Acetoxy-2,4-dimethyl-1,3-dioxane)	Acetates	Liquid	3–8	B, F	No added formaldehyde; controlled release bactericide
UCARCIDE™ 25 Antimicrobial	Glutaraldehyde	Water	Liquid	3–9	B, F	Highly effective against anaerobes and spore-formers
UCARCIDE™ 50 Antimicrobial	Glutaraldehyde	Water	Liquid	3–9	B, F	

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BIOBAN™ SP 100 Antimicrobial	NaOPP (sodium o-phenylphen-ate)	N/A	Solid	2–12.5	B, F	Broad-spectrum activity; watersol- uble; heat and pH-stable
BIOBAN™ SP 25 Antimicrobial	NaOPP (sodium o-phenylphen-ate)	Water	Liquid	2–12.5	B, F	Broad-spectrum activity; aqueous formulation; heat- and pH-stable
BIOBAN™ OP 100 E Antimicrobial	OPP (o-phenylphenol)	N/A	Solid	2–12.5	B, F	Low-leaching biocide; heat and pH-stable

\* Efficacy: B: Bacteria, F: Fungi

\*\* Method used for VOC determination: Thermogravimetric assay of the amount of residue remaining after heating a sample of the biocide at 115 °C for up to 62 minutes. The percent VOC was calculated by weight difference of the samples, with a correction for the weight loss due to water.

\*\*\* Organic volatile impurity (USP OVI Method 467) testing has not been performed on this product. However, this product does not contain any volatile organic solvents. The reported volatility of 78 to 80% is due ONLY to water.

We offer a wide variety of in-can preservatives approved for a broad range of building and construction materials. Please establish that the use of the selected in-can preservative is

compliant with the intended application under local regulations. The table below offers an overview of the current approvals.\*

	Elastomeric Roof Coatings	Other Construction Coatings	Tape Joint Compounds	Caulks and Sealants	Adhesives	Concrete Admixtures	Grout	Mineral Slurries	Canadian PMRA Registration**
BIOBAN™ BTCM Antimicrobial	■	■	■	■	■		■	■	
KATHON™ LX 1.5% Biocide			Approved for Building Material Preservation						✓
ROCIMA™ BT 2S Microbicide			Approved for Building Material Preservation						
ROCIMA™ BT NV2			Approved for Building Material Preservation						
ROCIMA™ 586			Approved for Building Material Preservation						
ROCIMA™ 607 Biocide			Approved for Building Material Preservation						
ROCIMA™ 550			Approved for Building Material Preservation						
BIOBAN™ QK 20 Antimicrobial			Approved for Building Material Preservation						✓
BIOBAN™ BP 10 Preservative	Latex emulsion-based				■				
BIOBAN™ BP 30 Preservative	Latex emulsion-based				■				
BIOBAN™ BP 40 Preservative	Latex emulsion-based				■				
BIOBAN™ BP Plus Preservative	Latex emulsion-based				■				
BIOBAN™ BZ Antimicrobial			Approved for Building Material Preservation						
BIOBAN™ DXN Antimicrobial	■	■	■		■				

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	Elastomeric Roof Coatings	Other Construction Coatings	Tape Joint and Sealants	Caulks and Adhesives	Concrete Admixtures	Grout	Mineral Slurries	Canadian PMRA Registration**
UCARCIDE™ 25/50 Antimicrobials			Approved for Building Material Preservation					✓
BIOBAN™ SP 100 Antimicrobial			Approved for Building Material Preservation					✓
BIOBAN™ OP 100 E Antimicrobial			Approved for Building Material Preservation					✓
BIOBAN™ SP 25 Antimicrobial				■	■		■	

\* For other specific application needs, consult the product's EPA and PMRA labels. Consult for specific U.S. States where product is registered.

■ Approved for indicated uses by EPA.

\*\* Consult label for specific uses approved in Canada (✓)



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