

Adhesives & Sealants

US PRODUCT OVERVIEW FOR RECENTLY ACQUIRED PORTFOLIO

Dry-Film Preservatives

Product Name	Active Ingredient*	Features & Benefits
BIOBAN™ 200 Antimicrobial (aqueous dispersion)	DCOIT	<ul style="list-style-type: none"> Excellent protection against fungi with some performance against algae and bacteria Ultra-low leaching for long-lasting protection Non-yellowing (not based on iodine) Green Chemistry Award winner technology
ROZONET™ 2000 Mildewcide		
BIOBAN™ O 45 Antimicrobial	OIT	<ul style="list-style-type: none"> Excellent protection against fungi Non-yellowing (not based on iodine)
AMICAL™ 48 (solid)	DIMTS	<ul style="list-style-type: none"> High-temperature stability Excellent protection against fungi Low leaching
AMICAL™ Flowable Antimicrobial		
ROCIMA™ 63 Industrial Microbiocide	OIT + CBM + Diuron	<ul style="list-style-type: none"> Blended product designed to provide excellent broad spectrum protection against fungi and algae

* DCOIT: 4,5-dichloro-2-n-octyl-3(2H)-isothiazolinones
 OIT: 2-n-octyl-4-isothiazolin-3-one
 CBM: Carbendazim
 DIMTS: diiodomethyl-p-tolylsulfon

In-Can Preservatives

Product Name	Active Ingredient*	Features & Benefits
BIOBAN™ OP 100 E Antimicrobial / DOWICIDE™ 1E Antimicrobial (solid)	OPP	<ul style="list-style-type: none"> Low-leaching biocide Heat and pH stable
BIOBAN™ SP 100 Antimicrobial / DOWICIDE™ A Antimicrobial	NaOPP	<ul style="list-style-type: none"> Broad spectrum activity Water soluble Heat and pH-stable
BIOBAN™ SP 25 Antimicrobial* / DOWICIDE™ 25L Antimicrobial		
BIOBAN™ BTCM Antimicrobial	BIT + CMIT/MIT	<ul style="list-style-type: none"> Robust combination of two proven active ingredients for speed-of-kill and long-term preservation Provides formulation flexibility to adapt to globally-accepted levels of individual active ingredients Two actives delivered in one container for optimization of transportation, storage and addition

Product Name	Active Ingredient*	Features & Benefits
KATHON™ LX 1.5 % Biocide	CMIT/MIT	<ul style="list-style-type: none"> Outstanding broad-spectrum protection against bacteria and fungi Fast acting preservative Does not contribute to VOC (ASTM D-6886) Does not release or contain formaldehyde ⁽¹⁾ Very low use levels required for efficacy
ROCIMA™ 586	CMIT/MIT + Bronopol	<ul style="list-style-type: none"> Blend designed for excellent broad spectrum protection against bacteria and fungi, including Pseudomonas species
ROCIMA™ BT 2S Microbicide	BIT	<ul style="list-style-type: none"> Protection against bacteria
ROCIMA™ BT NV2 (aqueous dispersion)		<ul style="list-style-type: none"> Good heat and pH stability Not a formaldehyde donor ⁽¹⁾
BIOBAN™ BP-30 Preservative	Bronopol	<ul style="list-style-type: none"> Excellent protection against bacteria
BIOBAN™ BP-40 Preservative		<ul style="list-style-type: none"> Particularly effective against Pseudomonas species
BIOBAN™ BP-Plus Preservative (solid)		<ul style="list-style-type: none"> Works well in combination with other biocide chemistries like BIT or CMIT/MIT
ROCIMA™ 607 Biocide	BIT + Bronopol	<ul style="list-style-type: none"> Blend designed for excellent broad-spectrum protection against bacteria and fungi, including Pseudomonas species Good heat and pH stability
UCARCIDE™ 25 Antimicrobial	Glutaraldehyde	<ul style="list-style-type: none"> Broad spectrum protection against bacteria and fungi
UCARCIDE™ 50 Antimicrobial		<ul style="list-style-type: none"> Not a formaldehyde donor ⁽¹⁾
BIOBAN™ BZ Antimicrobial	BIT + ZPT	<ul style="list-style-type: none"> Dual active action for high thermal stability Efficacy against Pseudomonas
BIOBAN™ DXN	DXN	<ul style="list-style-type: none"> Effective protection against bacteria and fungi Not a formaldehyde donor ⁽¹⁾
BIOBAN™ QK-20 Antimicrobial / DOWICIL™ QK-20 Antimicrobial	DBNPA	<ul style="list-style-type: none"> Quick kill biocide for rapid decontamination of process water or raw materials used to make industrial products Cleans up microbial contamination when added directly into final formulated industrial products, contributing to the performance of a long-term preservative

* OPP: o-phenylphenol/
NaOPP: sodium-o-phenylphenate
BIT: 1,2-benzisothiazolin-3-one
CMIT/MIT: 5-chloro-2-methyl-4-isothiazolin-3-one & 2-methyl-4-isothiazolin-3-one

DBNPA: 2,2-dibromo-3-nitropropionamide
THNM: Tris(hydroxymethyl)nitromethane
ZPT: zinc 2-pyridinethiol-1-oxide
DXN: 6-Acetoxy-2,4-dimethyl-1,3-dioxane

⁽¹⁾ Formaldehyde is a ubiquitous material in our environment. Currently there is no accepted regulatory or industry definition of "Formaldehyde-Free." Therefore, we purposely refrain from using the term "Formaldehyde-Free." However, we do not intentionally add Formaldehyde or Formaldehyde generators to this product



LANXESS Corporation
Business Unit: MPP
111 RIDC Park West Drive, Pittsburgh
Pennsylvania, PA, 15275-1112
USA
Phone: +1 412 809 1000
MPP-eBusiness@LANXESS.com
<https://microbialcontrol.lanxes.com>

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