

BIOCIDE SELECTION GUIDE—NORTH AMERICA

Dry Film Preservation

Select from a broad portfolio of actives for dry-film preservation of paints and coatings materials.

Products	Active Ingredient	Solvent/ Carrier	Form	pH Compatibility	Efficacy*	Key Characteristics
BIOBAN™ 200 Antimicrobial	20% DCOIT (4,5-dichloro-2- <i>n</i> -octyl-3(2H)- isothiazolinone)	Aqueous dispersion	Liquid	2 - 10	F, B**, A***	Low VOC****; low-leaching antifungal protection
Rozone™ 2000 Mildewcide	20% DCOIT (4,5-dichloro-2- <i>n</i> - octyl-3(2H)-isothiazolinone)	Mixed Solvents	Liquid	2 - 10	F, B**, A***	Low-leaching antifungal protection
BIOBAN™ O 45 Antimicrobial	45% OIT (2- <i>n</i> -octyl-4-isothiazolin- 3-one)	Glycol	Liquid	2 - 9	F	Excellent fungal protection
ROCIMA™ 63 Industrial Microbicide	2.7% OIT+ 7.5% CBM + 20% diuron, 2- <i>n</i> -octyl-4-isothiazolin- 3-one + carbendazim + diuron	Aqueous dispersion	Liquid	4 - 10	F, A	Excellent algacide with antifungal protection
AMICAL™ Flowable Antimicrobial Agent	40% DIMTS (diiodomethyl- <i>p</i> - tolyl sulfone)	Aqueous dispersion	Liquid	2 - 11	F, A	Low-leaching, iodine-based active; liquid formulation
AMICAL™ 48	95% DIMTS (diiodomethyl- <i>p</i> - tolyl sulfone)	N/A	Solid	2 - 11	F, A	Low-leaching, iodine-based active

* Efficacy: B: Bacteria, F: Fungi, A: Algae

** DCOIT has activity against bacteria, but DCOIT alone is not sufficient for complete protection against bacteria.

*** DCOIT may not offer adequate broad-spectrum protection against algae in all formulations and environments.

**** "Even though we have calculated 0 (Zero) Volatile Organic Compounds (VOC) in Product name, we would refrain from using the terminology "VOC-free" or "Zero-VOC", as there may be trace contaminants present from raw materials."

IFF Microbial Control offers a wide variety of dry film preservatives approved for a broad range of paints and coatings materials. Please confirm that the use of the selected dry film preservative is compliant with your intended application under local regulations. The table below offers an overview of the current approvals.

Products	EPA use approvals * (consult for specific approvals in the State of California)					Canadian PMRA Registration**
	Paints	Stains	Coatings	Dispersed Pigments	Colorants	
BIOBAN™ 200 Antimicrobial	X	X	X	X	X	
Rozone™ 2000 Mildewcide	X	X	X	X	X	√
BIOBAN™ O 45 Antimicrobial	X	X	X	X	X	
ROCIMA™ 63 Industrial Microbicide	X	X	X			
AMICAL™ Flowable Antimicrobial	X	X		X		√
AMICAL™ 48 Antimicrobial	X			X		√

* For other specific application needs, consult the product's EPA label. Consult for specific U.S. states where product is registered.

** Consult label for specific uses approved in Canada. (√)

X Approved for indicated uses by EPA.

From North America		From Asia Pacific		From Europe, India, Africa and the Middle East		From Latin America	
Toll-free	800-447-4369	Toll-free**	+ 800-7776-7776	Toll-free*	800-3-694-6367	Toll-call	+ 55-11-5188-9000
Toll call	989-832-1542	Toll call	+ 60-3-7965-5392	Toll call	+ 32-3-450-2240	Fax	+ 55-11-5188-9887
Fax	989-832-1465	Toll-free fax**	+ 800-7779-7779	Toll-free for Italy	800-783-825		
		Toll fax	+ 60-3-7958-5598	Toll-free for South Africa	800-99-5078		
				Fax	+ 32-3-450-2815		

* Toll-free from Austria, Belgium, Denmark, Finland (prefix 990), France, Germany, Hungary, Ireland, The Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom

** Toll free from Korea, Japan, China, Taiwan, Hong Kong, Thailand, Malaysia, Singapore, Philippines, Australia, and New Zealand

©2021 International Flavors & Fragrances Inc. (IFF). IFF, the IFF Logo, and all trademarks and service marks denoted with ™, SM or ® are owned or licensed by IFF or affiliates of IFF unless otherwise noted. The information provided herein is based on data IFF believes, to the best of its knowledge, reliable and applies only to the specific material designated herein as sold by IFF. The information contained herein does not apply to use of the material designated herein in any process or in combination with any other material and is provided at the request of and without charge to our customers. Accordingly, IFF cannot guarantee or warrant such information and assumes no liability for its use. Other than as may be expressly set forth in a contract of sale, IFF makes no warranty, express or implied, as to the material set forth herein, including the warranty of merchantability or fitness for a particular use.



Where science & creativity meet