

QUALITY CARES.

#Wecare



Your partner for
Home Care Preservation

QUALITY **WORKS.**

LANXESS
Energizing Chemistry



LANXESS

AT A GLANCE

LANXESS is a leading specialty chemicals company based in Cologne and established on the global market.

- Around 13,100 employees in 33 countries
- Annual sales of EUR 8.1 billion (2022)
- Core business: chemical intermediates, additives and consumer protection products
- Focus on our customers' requirements in order to drive progress and reliably provide innovative product, material and service solutions
- Sustainability and responsibility are key factors behind our successful business operations

Your Partner for Preservation Solutions

We as LANXESS offer solutions for Home Care products to reliably protect them against microbial contamination and understand the importance of robust preservation in your formulations. LANXESS continues to support you, with a broad range of chemistries and microbiological expertise, but also with a long history and knowledge of preservation, reliability of supply, local and global regulatory experience and a global network of R&D hubs.

Our preservatives can be found in many recognized and trusted brands in the Home Care industry including **Kathon®**, **Bioban®**, **Preventol®**, **Rocima®** and **Ucarcide®** for preservation of dishwashing and laundry detergents, fabric softeners, multi-purpose cleaners, wipes and other Home Care applications.



OUR KEY PRODUCTS FOR HOME CARE FORMULATIONS

Preservation of Home Care products is critical for protecting consumer health and safety, as well as brand recognition. Our broad portfolio of preservatives for Home Care products provides the foundation for any preservation strategy. Whether you are looking for a sustainable, innovative or a traditional preservative, you will find an individual solution with us because #Wecare.



Kathon® CG/ICP Preservative

Actives: CMIT/MIT

Kathon® CG/ICP is an aqueous solution containing 1.5% CMIT/MIT (5-chloro-2-methyl-4-isothiazolin-3-one/3-methyl-4-isothiazolin-3-one). With its high water solubility, this product is easy to incorporate into home care formulations. **Kathon® CG/ICP** is a highly effective preservative that provides outstanding activity against a wide range of bacteria, yeasts and molds. Moreover, **Kathon® CG/ICP** has an excellent environmental profile, is formaldehyde releaser-free, and is very effective at low use levels. **Kathon® CG/ICP** is the ideal choice for a variety of home care applications.

Rocima® 640

Active: BIT

Rocima® 640 is a 20% BIT (1,2-benzisothiazolin-3-one) solution in dipropylene glycol and water. The liquid form ensures easy handling and compatibility with various aqueous compositions. **Rocima® 640** offers a high-performance solution for safeguarding home care products against microorganisms. Its broad spectrum activity effectively controls bacteria, fungi, and yeasts even in alkaline formulations up to pH 12. **Rocima® 640** is notably stable in the presence of amines and employs a non-specific mode of action to reduce the risk of microbial resistance. Experience enhanced protection with **Rocima® 640**.

Bioban® PH 100

Active: Phenoxyethanol

Bioban® PH 100 is a phenoxyethanol preservative and offers effective control of bacteria. Excellent antimicrobial performance is achieved when **Bioban® PH 100** is used in combination with other preservatives and fungicides. It is useful for the protection of water-based products and concentrates over a wide pH range from pH 3 to 10. **Bioban® PH 100** is soluble in both water and oil, and can be easily incorporated into a variety of different formulations. The product has a low odor profile, is phenol-free and does not change the color of your finished product.

Ucarcide® 50

Active: Glutaraldehyde

Ucarcide® 50 is a high-performance biocide based on glutaraldehyde. It is primarily effective against bacteria. In elevated concentrations, it also demonstrates efficacy in managing yeast and mold. It excels across diverse pH levels and temperatures, guaranteeing reliable fast-acting performance in various conditions. Plus, it is a formaldehyde-free formulation. **Ucarcide® 50** is compatible with anionic, nonionic, and cationic dispersants, its versatility ensures effortless integration into your home care applications.

Regional Product Highlights EMEA

Product	Active Ingredient	Physical Form	Efficacy (B: Bacteria, F:Fungi)	pH effective range	Dosage	Application					
Kathon® CG/ICP	1.5% CMIT/MIT	Liquid	B, F	<8.5	0.025 – 0.1%	■	■	■	■	■	■
Bioban® PH100	>99.5% Phenoxyethanol	Liquid	B	3.0 – 10.0	0.1 – 1.0%	■	■	■	■	■	■
Rocima® 640	20% BIT	Liquid	B, F	4.0 – 12.0	0.05 – 0.25%	■	■	■	■	■	■
N-2000 Antimicrobial	35% DGH	Liquid	B, F	<12.0	0.01 – 0.1%		■				
Preventol® P-301	15% Bronopol, 0.5% CMIT/MIT	Liquid	B, F	<8.5	0.05 – 0.25%	■	■	■	■	■	■
Bioban® GA 24	24% Glutaraldehyde	Liquid	B, F	<8.0	0.04 – 0.4%	■	■	■	■	■	■
						Laundry Detergent	Fabric Softener	Dish Wash Detergent	Multi-Purpose Cleaner	Floor Polish	Wipes

Regional Product Highlights APAC

Product	Active Ingredient	Physical Form	Efficacy (B: Bacteria, F:Fungi)	pH effective range	Dosage	Application					
Rocima® 640	20% BIT	Liquid	B, F	4.0 – 12.0	0.05 – 0.25%	■	■	■	■	■	■
Rocima® MBX	2.5% MIT, 2.5% BIT	Liquid	B,F	4.0 – 11.0	0.2 – 0.4%	■			■	■	
Koralone™ HP 150	1.5% CMIT/MIT	Liquid	B, F	<8.5	0.05 – 1.5%	■	■	■	■	■	
Kathon® CG/ICP	1.5% CMIT/MIT	Liquid	B, F	<8.5	0.05 – 0.1%	■	■	■	■	■	■
Kathon® LX150	1.5% CMIT/MIT	Liquid	B,F	<8.5	0.05 – 0.1%	■	■	■	■	■	■
Preventol® P91	9% Bronopol, 1% CMIT/MIT	Liquid	B,F	<8.5	0.05 – 0.25%	■	■	■	■	■	■
Bioban® 586	1% CMIT/MIT, 7.5% Bronopol	Liquid	B,F	<8.5	0.05 – 0.14%	■	■	■	■	■	■
Bioban® PH 100	>99.5% Phenoxyethanol	Liquid	B	3.0 – 10.0	0.2 – 1.0%	■	■	■	■	■	■
						Laundry Detergent	Fabric Softener	Dish Wash Detergent	Multi-Purpose Cleaner	Floor Polish	Wipes

Regional Product Highlights LATAM

Product	Active Ingredient	Physical Form	Efficacy (B: Bacteria, F:Fungi)	pH effective range	Dosage	Application					
Ucarcide® 50	50% Glutaraldehyde	Liquid	B;F	<8.0	0.02 – 0.2%				■		
Rocima® 640	20% BIT	Liquid	B;F	4.0 – 12.0	0.05 – 0.25%	■	■	■	■	■	■
IPEL™ BHD-208	4% Bronopol 0.8% CMIT/MIT	Liquid	B;F	3.0 – 10.0	0.10 – 0.25%		■	■	■		■
IPEL™ BHD-261	1% CMIT/MIT 16.5% DMDM-H	Liquid	B;F	3.0 – 10.0	0.10 – 0.20%		■	■	■		■
IPEL™ BHD-263	3% Bronopol 2.2% DMDM-H 3% DBNPA 1.4% BIT	Liquid	B;F	2.0 – 11.0	0.10 – 0.30%		■	■	■		■
IPEL™ BHD-238	80% Alkyl Dimethyl Benzyl Ammonium Chloride	Liquid	B;F	4.0 – 10.0	0.20 – 2.0%				■		
IPEL™ BHD-240	20% Chlorhexidine Gluconate	Liquid	B;F	4.0 – 8.0	0.20 – 2.0%				■		

Waxes
Wipes
Floor Polish
Multi-Purpose Cleaner
Dish Wash Detergent
Fabric Softener
Laundry Detergent

Supporting Your Brand with Preservation Options

For information on the appropriate dosage, possible combinations and formulation specifics of this preservative for your individual application, please contact your LANXESS representative to closely support you. Let us find your individual preservation solution.

Regional Product Availability

The products are not available in every region of the world. Please reach out to your LANXESS representative for country specific information on the registration status per product. We are happy to assist you in finding the right product for your formulation and region.



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Unless specified to the contrary, the values given have been established on standardized test specimens at room temperature. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that the results refer exclusively to the specimens tested. Under certain conditions, the test results established can be affected to a considerable extent by the processing conditions and manufacturing process.

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

Note: Information contained in this publication is current as of October, 2023. Please contact LANXESS Deutschland GmbH respectively LANXESS Corporation to determine if this publication has been revised.

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