

# QUALITY CARES.



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, Germany, that is well-established on the global market. The core business is the development, manufacturing and marketing of chemical intermediates, additives and consumer protection products for a broad range of applications and markets.

We understand the growing importance of **providing safe and sustainable solutions to protect consumers and their environment.** The challenges that our customers face drive us to supply them with innovative, high-quality ingredients, as well as to provide them with extensive technical and regulatory advice. We are committed to sustainability and aim to achieve climate neutrality by 2040 (scope 1 and 2) and a net zero value chain by 2050 (scope 3).

### 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.



## Kathon® CG/ICP Preservative

### Actives: CMIT/MIT

**Kathon® CG/ICP Preservative** 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 Preservative** is a highly effective preservative that provides outstanding activity against a wide range of bacteria, yeasts and molds. Moreover, **Kathon® CG/ICP Preservative** has an excellent environmental profile, is formaldehyde releaser-free, and is very effective at low use levels. **Kathon® CG/ICP Preservative** 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 Antimicrobial

### Active: Phenoxyethanol

**Bioban® PH 100 Antimicrobial** is a phenoxyethanol preservative and offers effective control of bacteria. Excellent antimicrobial performance is achieved when **Bioban® PH 100 Antimicrobial** 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 Antimicrobial** 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 Examples					
<b>Kathon® CG/ICP Preservative</b>	1.5% CMIT/MIT	Liquid	B, F	<8.5	0.025–0.1%	■	■	■	■	■	■
<b>Bioban® PH 100 Antimicrobial</b>	>99.5% Phenoxyethanol	Liquid	B	3.0–10.0	0.1–1.0%	■	■	■	■	■	■
<b>Rocima® 640</b>	20% BIT	Liquid	B, F	4.0–12.0	0.05–0.25%	■	■	■	■	■	■
<b>N-2000 Antimicrobial</b>	35% DGH	Liquid	B, F	<12.0	0.01–0.1%	■	■	■	■	■	■
<b>Preventol® P 301</b>	15% Bronopol, 0.5% CMIT/MIT	Liquid	B, F	<8.5	0.05–0.25%	■	■	■	■	■	■
<b>Preventol® BIT IT</b>	10% BIT, 0.7% CMIT/MIT	Liquid	B, F	<9.0	0.05–0.2%	■	■	■	■	■	■
						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 Examples					
<b>Rocima® 640</b>	20% BIT	Liquid	B, F	4.0–12.0	0.05–0.25%	■	■	■	■	■	■
<b>Rocima® MBX</b>	2.5% MIT, 2.5% BIT	Liquid	B,F	4.0–11.0	0.2–0.4%	■	■	■	■	■	■
<b>Koralone™ HP 150</b>	1.5% CMIT/MIT	Liquid	B, F	<8.5	0.05–0.1%	■	■	■	■	■	■
<b>Kathon® CG/ICP Preservative</b>	1.5% CMIT/MIT	Liquid	B, F	<8.5	0.05–0.1%	■	■	■	■	■	■
<b>Kathon® LX150</b>	1.5% CMIT/MIT	Liquid	B,F	<8.5	0.05–0.1%	■	■	■	■	■	■
<b>Preventol® P91</b>	9% Bronopol, 1% CMIT/MIT	Liquid	B,F	<8.5	0.05–0.25%	■	■	■	■	■	■
<b>Bioban® 586</b>	1% CMIT/MIT, 7.5% Bronopol	Liquid	B,F	<8.5	0.05–0.14%	■	■	■	■	■	■
<b>Bioban® PH 100 Antimicrobial</b>	>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 Examples					
<b>Kathon® CG/ICP Preservative</b>	1,5% CMIT/MIT	Liquid	B;F	<8,5	0.025–0.15%	■	■	■	■	■	■
<b>Ucarcide® 50</b>	50% Glutaraldehyde	Liquid	B;F	<8.0	0.02–0.2%	■	■	■	■		
<b>Rocima® 640</b>	20% BIT	Liquid	B;F	4.0–12.0	0.05–0.25%	■	■	■	■	■	■
<b>IPEL® BHD-208</b>	4% Bronopol 0.8% CMIT/MIT	Liquid	B;F	3.0–10.0	0.10–0.25%		■	■	■	■	■
<b>IPEL® BHD-261</b>	1% CMIT/MIT 16.5% DMDM-H	Liquid	B;F	3.0–10.0	0.10–0.20%		■	■	■	■	■
<b>IPEL® BHD-263</b>	3% Bronopol 2.2% DMDM-H 1.4% BIT	Liquid	B;F	2.0–11.0	0.10–0.30%		■	■	■	■	■

The Regional Product Overview for North America/Canada can be found in a separate brochure. Please contact our NORAM Sales Team for product information.

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

**Note:** The dosages and applications listed in the above tables are recommended dosages and uses for which these products are suitable. All application areas should be considered as examples and have regulatory limitations. Allowed dosages and applications vary by country, hence please reach out to your LANXESS representative for country specific information on the registration status of each product.

\* Ucarcide® is not approved for sprayable systems such as aerosols, sprays etc.



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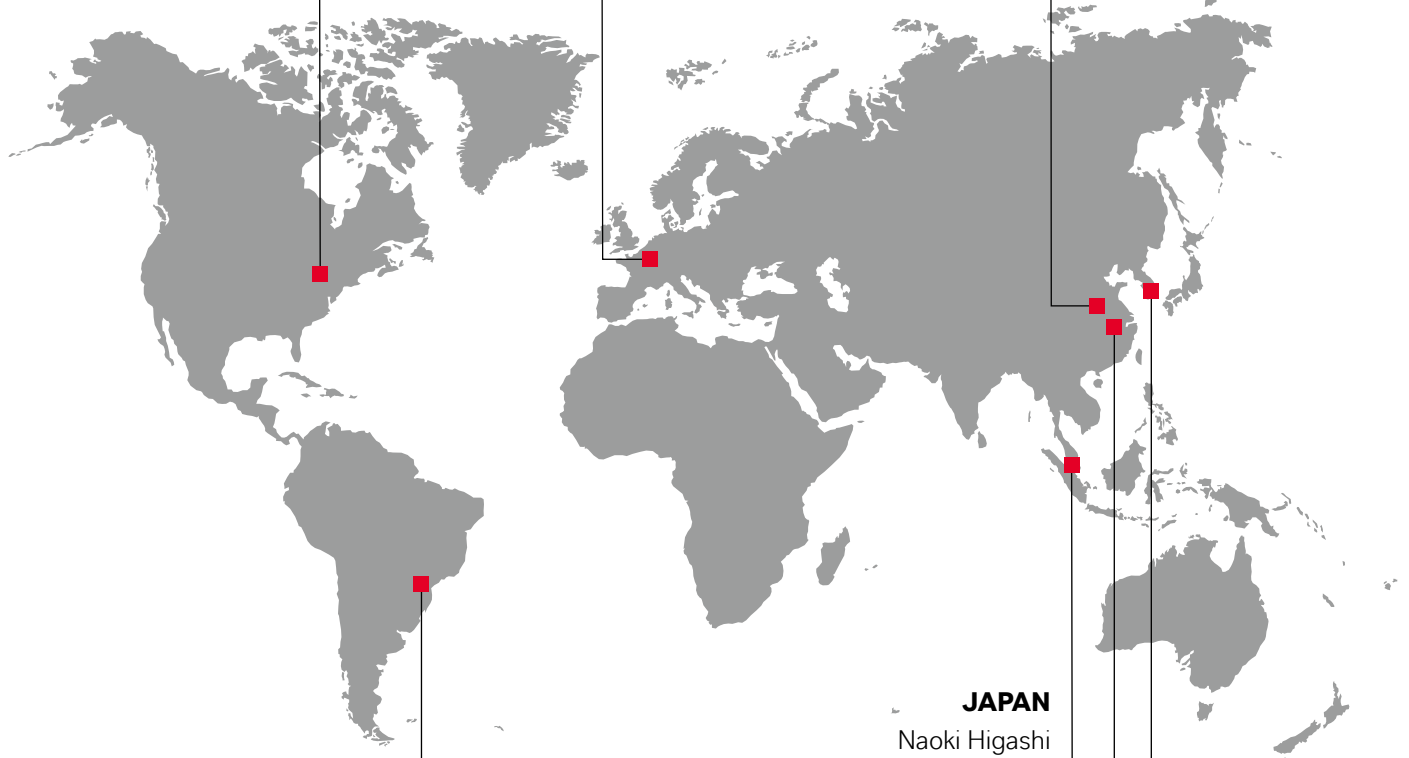
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Unless specified to the contrary, the values given have been established on standardized test specimens at room temperature. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that the results refer exclusively 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 July, 2024. Please contact LANXESS Deutschland GmbH respectively LANXESS Corporation to determine if this publication has been revised.

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