

QUALITY CARES.

#Wecare



Your partner for **preservation solutions**

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

Business Line CARE

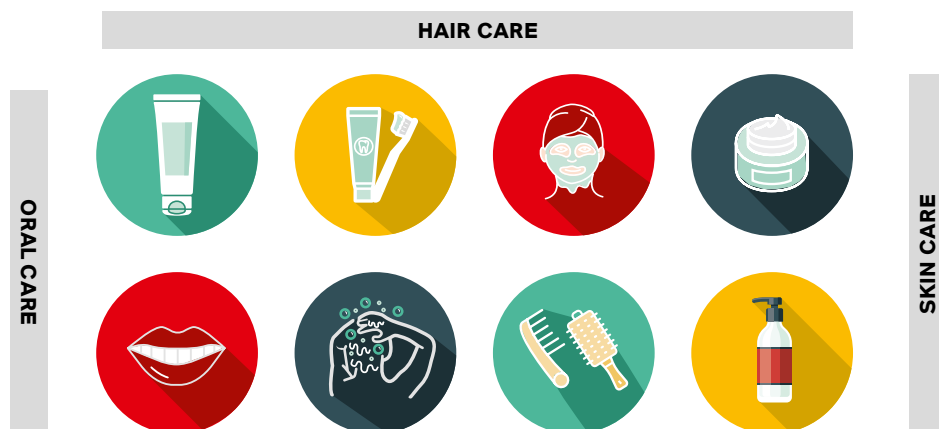
Your partner for preservation solutions

We as LANXESS, Business Line CARE, are dedicated to delivering preservation solutions for Home and Personal Care as well as Health Care and Infection Prevention applications on a global level. A broad portfolio of safe and effective preservatives protect Home and Personal Care products in a sustainable way. Benefit from our longstanding technical, microbiology and regulatory expertise, combined with a global network of R&D hubs. Our preservatives can be found in leave-on and rinse-off products of many recognized and trusted brands. Preservatives of the **Neolone®** brand protect Personal Care products such as face creams, body lotions, shampoos, conditioners and deodorants against unwanted bacteria, yeasts and molds. Our Home Care portfolio includes **Kathon®**, **Bioban®** and **Preventol®** brand preservatives for dishwashing detergents, laundry detergents and other applications.



OUR KEY PRODUCTS FOR PERSONAL CARE FORMULATIONS

Our new portfolio of preservative solutions for Personal Care adds value to your formulations. Whether you are looking for a sustainable innovative or a traditional solution, you will find an individual solution with us because #Wecare.



Neolone® PH 100 Preservative

Active: Phenoxyethanol

Neolone® PH 100 Preservative is a broad-spectrum antimicrobial useful for the protection of cosmetic and personal care products, including shampoos, hair conditioners, creams, and baby-care products. Neolone® PH 100 Preservative is the highest standard phenoxyethanol product with high-purity, pharmaceutical grade process control, and regulatory registration world-wide. It offers excellent stability over a wide pH and temperature range, providing an effective control of a broad spectrum of bacteria. CIR and SCCS rate phenoxyethanol as a safe preservative that can be used at a maximum of 1% in all Personal Care products.

Neolone® BioG Preservative

Active: LAE®

Neolone® BioG Preservative is a formulation based on Ethyl Lauroyl Arginate HCl (LAE® Preservative in glycerine). LAE® Preservative is derived from natural ingredients. Neolone® BioG Preservative demonstrates optimum performance in personal care products with a low anionic content. Neolone® BioG Preservative has excellent broad spectrum activity against a wide range of gram-negative bacteria, gram-positive bacteria, yeasts and molds and is most stable between pH 3 and 7. Neolone® BioG Preservative is readily non-irritating and non-sensitizing at recommended use levels. It is an excellent option for incorporation into cosmetic formulations.

Kathon® CG Preservative

Active: CMIT/MIT

A highly effective, broad spectrum preservative for rinse-off haircare and rinse-off skin care products. Kathon® CG Preservative has superior broad spectrum activity against many bacteria, yeasts and molds and is effective over a pH range typical for cosmetic products. It provides an excellent environmental profile, rapidly degrades, does not bioaccumulate and is nonpersistent in the environment. No color or odor is imparted to your personal care products. It is very effective at low use levels, providing cost to treat advantage.

Bioban® Bronopol Preservative

Active: Bronopol

Bioban® Bronopol preservatives provide broadspectrum bactericidal properties and excellent efficacy against *Pseu-domonas sp.* Bioban® Bronopol shows excellent performance in combination with other preservatives, particularly isothiazolinone based preservatives. Bronopol provides effective microbial control, even at very low use levels.

Oxone™

Active: Potassium Monopersulfate

Oxone™ monopersulfate compound is a powerful non-chlorine oxidizing agent used as a cleaning and bleaching component in oral care products such as denture cleansers and whitening toothpaste. Oxone™, a trusted oral care ingredient for over 60 years, effectively removes the stubborn stains caused by food, beverages and tobacco. It is a stable powder product that is easy to formulate, odor-free, works faster than other oxidizers while also being effective against bacteria and yeast.

Regional Product Availability

Please check with your LANXESS representative for specific country information. We are happy to assist you in finding the right product for your formulation and region.

Let us find your individual preservation solution

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.

Our Personal Care Preservatives

Product	Active ingredient	Percentage active in finished formulation	Application				Optimal pH for preservative performance	Recommended production temperature
			Leave-on	Rinse-off	Wipe	Oral care		
Neolone® PH100 Preservative	Phenoxyethanol	0.3~1.0%	■	■	■		3.0–10.0	<45°C short period to 70 °C
Neolone® BioG Preservative	LAE®	0.25~2.0%	■	■	■		3.0–6.0	~45°C
Kathon® CG Preservative	CMIT/MIT	0.05~0.1%		■			<8.5	<45°C short period to 60 °C
Neolone® 950 Preservative	MIT	0.05~0.1%		■			2.0–12.0	<45°C short period to 70 °C
Neolone® PE Preservative	Phenoxyethanol, MIT	0.3~0.57 %		■			3.0–10.0	<45°C short period to 70 °C
Bioban® Bronopol PC30	Bronopol	0.~0.3%	■	■	■		3.0–8.0	<45°C
Bioban® Bronopol PC	Bronopol	0.1~0.3%	■	■	■		3.0–8.0	<45°C
Oxone™	Potassium Monopersulfate					■		

GET IN TOUCH WITH OUR LOCAL CARE SALES TEAM

General inquiries/questions to ContactCare@lanxess.com

NORAM

Jon Fisher
Mobile: +1 267 984 3767
jon.fisher@lanxess.com

Tre James
Mobile +1 513 806 9731
tre.james@lanxess.com

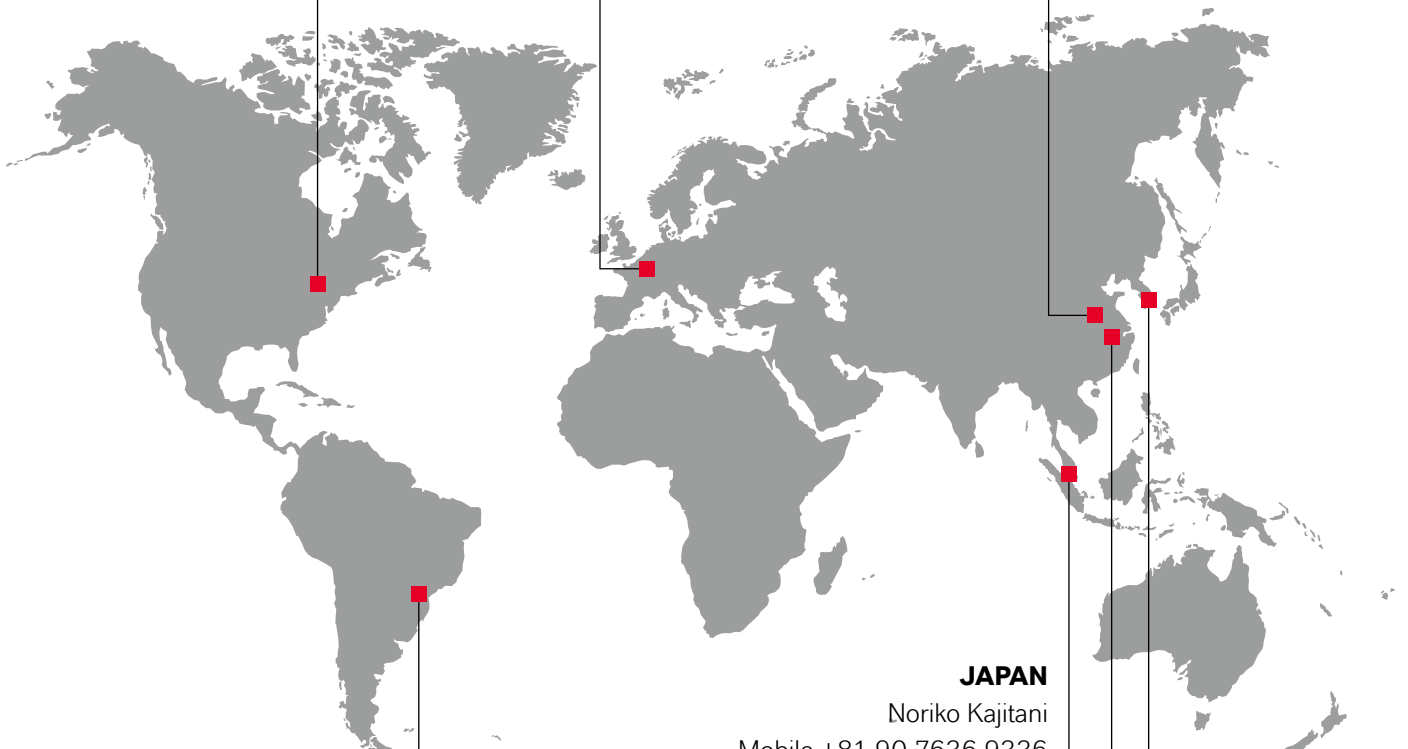
EMEA

Manfred Niehueser
Mobile: +49 172 657 3423
manfred.niehueser@lanxess.com

Matteo Cevoli
Mobile +39 335 53 24 693
matteo.cevoli@lanxess.com

GREATER CHINA

Jocelyn Zhang
Mobile +86 139 2519 2460
jocelyn.zhang@lanxess.com



LATAM

Ismael Lima
Mobile: +55 119 430 80224
ismael.lima@lanxess.com

Manuel Alejandro Licea Mendez
Mobile +52 553 731 8608
manuelalejandroliceamendez@lanxess.com

JAPAN

Noriko Kajitani
Mobile +81 90 7636 9336
noriko.kajitani@lanxess.com

ASEAN & ANZ

Cremion Mapfumba
Mobile: +61 417 554 220
cremion.mapfumba@lanxess.com

KOREA

Chloe Kwon
Mobile +82 10 9147 6560
chloe.kwon@lanxess.com





LANXESS Deutschland GmbH

Business Unit:

Material Protection Products

Kennedyplatz 1

50569 Cologne, Germany

Phone: +49 221 8885-1299

We kindly ask you to send
customer inquiries to:

ContactCare@lanxess.com

microbialcontrol.lanxess.com

This information and our technical advice – whether verbal, in writing or by way of trials – is subject to change without notice and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided – especially that contained in our safety data and technical information sheets – and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

©2023 LANXESS. Bioban®, Kathon®, Neolone®, Oxone™, LANXESS and the LANXESS Logo are trademarks of LANXESS Deutschland GmbH or its affiliates.

All trademarks are registered in many countries in the world.