

LANXESS presents extensive portfolio for the cosmetics industry

- **LANXESS at the In-Cosmetics global trade fair, Fira Barcelona Gran Via, March 28-30, booth H30**
- **Safe and effective preservation solutions**
- **Presentation on reducing the CO₂ footprint through sustainable preservatives**
- **New CARE business line with preservatives for personal care products**

Cologne, March 23, 2023 – Specialty chemicals company LANXESS will present its comprehensive portfolio of preservatives, multifunctionals and fragrances for cosmetics and personal care products at In-Cosmetics in Barcelona from March 28 to 30. The focus is on sustainable products that are either manufactured from natural raw materials or products that enable manufacturers to reduce their CO₂ footprint along the entire value chain and implement their climate protection and energy efficiency targets.

This year's trade show appearance will feature the Flavors & Fragrances (F&F) business unit and, for the first time, the Business Line CARE within the Material Protection Products (MPP) business unit, both from LANXESS's Consumer Protection segment. The segment comprises products that ensure the protection and well-being of consumers. It is characterized by strong brands, high product quality, innovative technologies and a global sales and service network.

Sustainable raw materials reduce CO₂ footprint

The F&F business unit offers a range of products, including sodium benzoate and benzyl alcohol, also based on sustainable raw materials. These are evaluated according to the mass balance concept and have a lower CO₂ footprint. All production sites are currently being certified to the ISCC PLUS standard for this purpose – making LANXESS ingredients suitable for use in naturally

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positioned end products. On this topic, Dr. Matthias Kunze, Business Development Manager at F&F, will give a presentation entitled “Reducing the carbon footprint of consumer products with sustainable preservatives” at 10:25 on March 29 in the Theatre 2 at the trade show.

To support cosmetic manufacturers in achieving their own sustainability goals, the business unit has significantly reduced CO₂ emissions from its production sites by using green energy.

F&F’s branded personal care products include Purox B, Purox S, Solbrol and Purolan, which are used in various cosmetics and personal care products.

Purox S sodium benzoate is characterized by high purity, low odor, and broad-spectrum efficacy in products prepared in the skin-friendly pH range. It is also suitable for products intended for babies and young children, such as wet wipes.

A selection of multifunctional ingredients enhance consumer experience while supporting the preservation of cosmetic and personal hygiene products. For instance, Purolan PD-LO (pentylene glycol) has very low odor and is a versatile synergist ingredient for cosmetic and wet wipe formulations. Kalama 3PP offers pleasant aroma – masking undesired odors – while also supporting robust product shelf life. Purolan IHD provides smooth combing in hair products and silky feel in skin care.

Safe, effective products for personal care

LANXESS is also presenting its CARE business line (MPP CARE), which was established following the acquisition of the Microbial Control business of U.S.-based International Flavors & Fragrances. This further expands the company’s home and personal care business and enables it to serve both the cosmetics and cleaning products sector and the healthcare industry with high-quality, sustainable and safe products. The CARE business line is integrated into LANXESS’ Material Protection Products business unit, which

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specializes in microbial and preservative applications. MPP CARE will showcase its safe and effective preservation solutions from traditional to nature-identical and natural products for cosmetics and personal care products at the Barcelona event. In addition, the representatives from MPP CARE look forward to meeting with existing and new customers on the topic of Multifunctional & Boosters. In a long-term innovation project, global research and development laboratories analyzed novel ingredients and reviewed the relevant benefits in cosmetics and personal care products. A variety of interfacial and multifunctional testing options were considered to offer novel solutions to customers in the personal care industry.

LANXESS offers natural preservatives based on ethyl lauroyl arginate HCl (LAE) under the Neolone Bio Preservative brand. LAE is an effective preservative derived from natural ingredients such as sugar beet or corn and can be used for cosmetic products.

Neolone PH 100 Preservative is also a high quality phenoxyethanol product of pharmaceutical purity. It provides excellent preservative and protective functions for many different personal care products and is pH and temperature stable over a wide range.

Kathon CG Preservative is a highly effective preservative for use in rinse-off hair and skin care products. It has excellent broad spectrum protection against many bacteria, yeasts as well as molds and is effective in a pH range typical of cosmetic products. The preservative offers an excellent eco-profile, as it degrades quickly and does not accumulate in the environment. Furthermore, Kathon CG Preservative does not transfer color casts or odors to personal care products. Even at low dosages, it is highly effective and thus extremely cost-efficient.

The Bioban Bronopol preservatives provide broadspectrum bactericidal properties and excellent efficacy against *Pseudomonas* sp. The preservatives show excellent performance in combination with other preservatives, particularly isothiazolinone based preser-

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vatives and provides effective microbial control, even at very low use levels.

In addition, MPP Care has a global network of microbiology experts who support the development of safe, high-quality and effective products – also with regard to regulatory requirements and approval – on a global level. The business line stands for long-standing expertise and recognized, trusted brands for preservation solutions in leave-on and rinse-off products.

Customers benefit from high expertise

As a collaborative supplier, for questions concerning the use of the products, the LANXESS application chemists bring their expertise to assist customers, e.g. in formulating products that meet current consumer needs focused on sustainability and efficacy.

Further information on LANXESS products for cosmetics and personal care can be found at <https://lanxess.com/Flavors-and-Fragrances> and <https://lanxess.com/en/Products-and-Brands/Industries/Microbial-Control>.

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LANXESS is presenting its comprehensive portfolio of preservatives and other ingredients for cosmetics and personal care products at In-Cosmetics.

Photo: LANXESS

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LANXESS is a leading specialty chemicals group with sales of EUR 8.1 billion in 2022 and currently employs around 13,100 people in 33 countries. LANXESS's core business is the development, manufacture and sale of chemical intermediates, additives and consumer protection products. LANXESS is a member of the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

Forward-looking statements

This release contains forward-looking statements, including assumptions, expectations and opinions of the company as well as the reproduction of assumptions and opinions of third parties. Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation or economic development of LANXESS AG and the expectations expressed or implied herein. LANXESS AG gives no assurance that the assumptions underlying these forward-looking statements are accurate and assumes no responsibility for the future accuracy of the statements made in this statement or for the actual occurrence of the future developments described herein. LANXESS AG assumes no liability (either directly or indirectly) for the information, estimates, target expectations and opinions mentioned herein, and no reliance should be placed on them. LANXESS AG assumes no responsibility for any errors, omissions or misstatements in this release. Accordingly, no representative of LANXESS AG or any of its group companies or any of their respective bodies accepts any responsibility whatsoever arising directly or indirectly from the use of this document.

Notes for editors:

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For more information about LANXESS chemistry, please visit <https://lanxess.com/de-DE/Presse/Stories>.

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