# Press release

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# WACKER Beauty Lab premieres at in-cosmetics in Paris

- WACKER booth will feature test lab that presents the latest creations for hair, skin and tattoo care, including bio-based BELNEXT® formulation for lipsticks
- Among this year's highlights: phenyl silicone fluid with a high refractive index and silicone emulsion for hair-care products

Munich – WACKER will be presenting several tradeshow highlights at in-cosmetics in Paris from April 14 to 16. In addition to the bio-based BELNEXT® product line (see press release from March 19, 2026), WACKER's novel Beauty Lab will be in the spotlight. Visitors can test novel formulations for hair, skin and tattoo care in this mobile laboratory. The following products will be taking center stage as well: silicone-based shine enhancer BELSIL® PF 23 and BELSIL® DM 6013 E, a shampoo classic among silicone emulsions.

In-cosmetics in Paris is always a highlight in the tradeshow calendar. Nowhere else are expectations as high as in the cosmetics metropolis on the Seine. This applies to WACKER too. This time, the company is bringing along a Beauty Lab. Here, tradeshow visitors can test the latest creations from the BELSIL® team under live conditions. Products on offer range from formulations for curl, skin and tattoo care through to decorative cosmetics. What's more, innovative lipstick formulations with the new emollient BELNEXT® EMO FH 2 are also on show. Made from bio-based raw materials, this non-polar oil produces particularly intense colors.

**Versatile gloss: BELSIL® PF 23**

Tradeshow visitors should not miss BELSIL® PF 23 (INCI: Phenyl Trimethicone). This is a classic phenyl silicone fluid which, due to its high refractive index, can be used as a gloss agent for various cosmetic formulations. The product is colorless and transparent and can be combined with a large number of vegetable-, ester- and alcohol-based fluids. Pigments and powder-form additives can be dispersed easily. In addition, the silicone fluid promotes a homogeneous and stable particle distribution. Lipstick and sunscreen formulations, in particular, benefit from this effect.

BELSIL® PF 23 can be used in a variety of ways. The range of applications extends from hair-care products to makeup. Preparations formulated with the fluid spread readily over the skin. In optical terms, they produce a high-quality impression because of their high shine. When applied, the silicone fluid forms a thin film that makes the skin supple and ensures shiny hair. In sun creams, the product not only increases the water resistance of the formulation. The overall feel benefits, too, as the cream is much less sticky to the touch.

**A shampoo classic**

BELSIL® DM 6013 E (INCI: Dimethiconol, TEA-Dodecylbenzenesulfonate) has become virtually a classic in the BELSIL® portfolio. It is an anionic silicone emulsion based on a highly viscous, easily miscible dimethiconol. With a viscosity of over 1,000,000 mPa•s, a silicone content of approx. 60 percent and a particle size of around 400 nm, this emulsion has proven itself for years as a conditioning additive for shampoos. It reduces combing forces of wet and dry hair and makes it easier to detangle specific strands of hair. After washing, the emulsion leaves hair feeling pleasantly soft and silky.

BELSIL® DM 6013 E is mainly used as a care shampoo or leave-on formulation. The recommended concentration for use is 1.5 to 4 percent by weight.

**Novel biobased raw materials**

Under the brand name BELNEXT®, WACKER will be introducing a new product line developed around the following pillars: biodegradability, natural raw materials and sustainable production processes with a low carbon footprint.

Two bio-based products are launched at in-cosmetics: the cationic emulsifier BELNEXT® TAL 1840 M, developed for the formulation of haircare products, and the versatile emollient BELNEXT®EMO FH2

- BELNEXT® TAL 1840 M is a next-generation aminolipid. It is particularly suitable as a cationic emulsifier for formulating hair care products. The product is based on theanine, an amino acid that is found in green tea and is used in food supplements for its calming and concentration-enhancing effects. To maintain high quality standards and to ensure virtually unlimited scalability, only fermentation-based theanine is used in the manufacturing process.

BELNEXT® TAL 1840 M forms a highly stable liquid crystalline phase, whose lamellar structure enhances the stability of the emulsion. This allows natural and silicone-based care substances to reach the hair surface in even greater quantities. The emulsifier is equally suitable for rinse-off and leave-on products and demonstrates a very good performance profile in such formulations, both in terms of efficiency and conditioning properties. The product is plant-based and readily biodegradable.

- BELNEXT® EMO FH 2 is a non-polar emollient based on a monomer produced via fermentation. Thanks to its optimized molecular structure, it can be easily incorporated into complex formulations. In particular, the product is highly stable in emulsions. Tests show that lipsticks formulated with the additive remain in perfect condition even under large temperature fluctuations and temperatures up to 50°C.

BELNEXT® EMO FH 2 is quite versatile: it can be used for formulating skin care and sunscreen products as well as shampoos, conditioners and makeup products. The product permits combinations with a number of ester-based raw materials as well as natural and synthetic oils. In skin care and makeup products, the emollient gives the skin a velvety-silky surface akin to the typical feel of non-polar oils. The additive also enhances pigment dispersion which improves the color intensity of makeup and lipstick formulations. The additive can also be combined with mineral UV filters, an important active ingredient in sunscreens with a high sun protection factor. Its good spreading properties allows viscous formulations to be spread easily on the skin.

**Visit WACKER at in-cosmetics Global 2026, Booth 1P20, in Paris, from April 14 to 16.**


BELSIL® PF 23 is among the products which WACKER will be presenting at in-cosmetics in Paris. The phenyl silicone fluid has a high refractive index and can be used in various ways as a gloss agent. Source: WACKER


A further highlight at this year's in-cosmetics is BELNEXT® EMO FH2. This emollient plays a key role in enhancing pigment dispersion, thus producing improved color intensity and homogeneous shade effects in makeup and lipstick formulations. Source: WACKER

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Note:
All photos are available for download at: www.wacker.com/pressreleases

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## Additional information

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**The company in brief**
WACKER is a global company with state-of-the-art specialty chemical products found in countless everyday items, with applications ranging from tile adhesives to computer chips. The company has a global network of 27 production sites, 22 technical competence centers and 47 sales offices. With around 16,600 employees, WACKER generated annual sales of around €5.5 billion in fiscal 2025.

WACKER operates through four business divisions. The Silicones and Polymers chemical divisions supply products (silicones, polymeric binders) for the automotive, construction, chemical, consumer goods and medical technology industries. Biosolutions, the life sciences division, specializes in bioengineered products such as biopharmaceuticals and food additives. Polysilicon produces hyperpure polysilicon for the semiconductor and photovoltaic industries.

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