



## **Minasolve launches three antimicrobial solutions developed with bio-based Caprylyl Glycol**

### **Bio-based E-Leen 8, P8 and GC 8 enable beauty brands to protect natural cosmetics, while increasing the natural origin index of personal care products**

**Louvain-la-Neuve, Belgium, October 6, 2020** – Minasolve, a developer and supplier of premium and multifunctional green chemistry ingredients for the cosmetics industry, today announces the launch of three nature-based E-Leen blends developed using a new bio-based version of Caprylyl Glycol. These formulations offer advantages over conventional blends, including their suitability for cold and continuous processing.

Previously, Caprylyl Glycol, a well-established skin moisturizer and antimicrobial stabilizer for cosmetic applications, was only available from petrochemical sources. Minasolve is targeting EMEA and South American cosmetics producers with its bio-based alternatives, E-Leen 8, E-Leen P8 and E-Leen GC 8, that will enable them to increase the natural origin index of their formulations.

According to Minasolve, green cosmetic producers currently find preservation solutions for natural cosmetics comparatively expensive or find that they require application at high concentration levels. These are dissuasive when aiming to address the mass market, leaving producers without a viable green alternative. Minasolve developed the new E-Leen product range with bio-based Caprylyl Glycol as a cost-effective solution for the protection of green cosmetics at low concentration levels.

“Minasolve’s new ingredients, E-Leen 8, P8 and GC 8, match market expectations. These new products are among the most versatile and cost-efficient solutions to protect natural and eco-certified personal care formulations,” said Emmanuel Peulens, managing director of Minasolve. “We have achieved another significant milestone with the development of bio-based Caprylyl Glycol; this follows the successful launch in 2014 of our bio-based Pentylene Glycol. We will continue to bring nature-derived innovations to a cosmetics industry that seeks greener, safer and more sustainable ingredients.”

All three new E-Leen products are skin moisturizers and antimicrobial stabilizers, produced from 100% renewable, vegetal and GMO-free raw materials. They are easy to use liquids at ambient temperature. Each is COSMOS approved, a key criterion for natural cosmetics.

Since the new E-Leen products with bio-based Caprylyl Glycol are stabilized in liquid form, they offer advantages over conventional Caprylyl Glycol, an alkanediol which has been in use as a cosmetic ingredient for 30 years.

Conventional Caprylyl Glycol is a waxy solid produced from petrochemical raw materials. It requires melting before use, which can be time-consuming. In contrast, nature-based E-Leen 8 is a ready-to-use liquid version. Even after storage in cold areas, simple warming to ambient temperature is sufficient. As no heating devices are required for handling, E-Leen 8 is suitable for cold and continuous processing, saving time and energy during production.

E-Leen P8 is an advanced mixture of bio-based Caprylyl Glycol and bio-based Phenylpropanol, a natural aroma ingredient. It offers users a reliable solution for the protection of formulations at low use-levels, even at a high pH.

E-Leen GC 8 is a mild alternative for sensitive skin, formulated using bio-based Caprylyl Glycol and Glyceryl Caprylate/Caprates.

“The development of these new E-Leen products is a clear demonstration of Minasolve’s strong R&D skills and capacity to transfer the renowned technology underpinning the multifunctional ingredient Caprylyl Glycol and applying it to the world of natural cosmetics. Thanks to their attractive price-performance ratio, these new ingredients represent a further step towards the democratization of natural cosmetics,” Peulens added.

#### **About Minasolve**

Minasolve develops and supplies premium and multifunctional green chemistry ingredients for the cosmetics industry. Pioneer of the widely adopted bio-based compound A-Leen® 5, Minasolve has vast expertise in renewable materials and sustainable production processes. With eco-responsibility at the center of its operations, Minasolve ensures customers have 100% traceability of its nature-derived ingredients; its blends and formulations are safer to use, more biodegradable and outperform commercial alternatives. Founded in 2007 as an affiliate of Minafin, Minasolve pilots R&D and global commercial activities from Louvain-la-Neuve, Belgium.

[www.minasolve.com](http://www.minasolve.com)

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