

Press release

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Symrise presents Hydrolite[®] 6 green – its next innovative multifunctional ingredient

- Based on sustainably sourced raw materials
- Multiple benefits in cosmetics, incl. moisturizing and product protection enhancement
- Suitable for traditional and green formulations and all skin types

Symrise is launching Hydrolite[®] 6 green, a green version of its multifunctional ingredients, Hydrolite[®] 6 and Hydrolite[®] 6O. This 6-carbon 1,2-alkanediol enters the cosmetics market as the first green 1,2-hexanediol. The raw material comes from sustainable sources. Hydrolite[®] 6 green can go into conventional and green formulations and all formulation types. Its exceptional mildness makes it compatible with all skin types, even the most delicate ones.

Multifunctional ingredients offer multiple benefits for formulators and consumers alike: They work as ideal solutions for and address the concept of minimalism by allowing the use of fewer ingredients in products. Concurrently, they achieve the same high quality and performance as with more complex formulations. 1,2-Alkanediols represent a family of multifunctionals with particularly robust stability, safety, and versatility. As product protection enhancers, they have become essential components of modern product protection systems.

Symrise has recently also developed other green 1,2-alkanediols, such as Hydrolite[®] 5 green, Hydrolite[®] 7 green, and Hydrolite[®] 8 green. With the launch of Hydrolite[®] 6 green, Symrise offers the entire range of green 1,2-alkanediols in chain lengths from 5 to 8 as the first company on the cosmetic market.

“With Hydrolite[®] 6 green, we are expanding our portfolio of sustainable multifunctional ingredients and are once again demonstrating our innovative strength,” says Dr. Balint Koroskenyi, Senior Global Product Manager Cosmetics Ingredients Division at Symrise. “This allows us to meet the demands of both consumers and our customers as we contribute to having more sustainable options in cosmetics.”

Hydrolite[®] 6 green offers numerous advantages

The industry has used traditional 1,2-hexanediol for decades, particularly for product protection. Hydrolite[®] 6 green now enters the cosmetic market as the first completely green variant. The ingredient comes with the following characteristics:

- Efficiently moisturizes the skin
- Helps to solubilize lipophilic cosmetic ingredients
- Improves the sensory profile of formulations
- Stabilizes emulsions due to smaller droplet sizes
- Enhances product protection

“At Symrise, we prioritize quality and sustainability,” says Dr. Nikolas Bugdahn, Director New Molecules Synthesis. “Hydrolite® 6 green meets this requirement by combining high purity, multiple benefits, and sustainable raw material source.”

About Symrise:

Symrise is a global supplier of fragrances, flavors, food, nutrition and cosmetic ingredients. Its clients include manufacturers of perfumes, cosmetics, food and beverages, pharmaceuticals and producers of nutritional supplements and pet food.

Its sales of € 3.8 billion in the 2021 fiscal year make Symrise a leading global provider. Headquartered in Holzminden, Germany, the Group is represented by more than 100 locations in Europe, Africa, the Middle East, Asia, the United States and Latin America.

Symrise works with its clients to develop new ideas and market-ready concepts for products that form an integral part of everyday life. Economic success and corporate responsibility are inextricably linked as part of this process. Symrise – always inspiring more ...

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