



Progress beyond

Press release

Solvay introduces Rheozan[®] BLC biodegradable suspension agent for home and personal care applications

Liquid polymer derived from grey biotechnology delivers high suspension properties without impacting the formulation's viscosity.

Brussels, June 14, 2021

Solvay introduces a new biodegradable rheology agent, [Rheozan[®] BLC](#), a natural and ready-to-use liquid polymer solution that delivers high suspension power in home and personal care products, yet without any impact on the formulation viscosity.

Trends and consumer expectations are shifting toward more naturally derived products. Formulators must develop high-performing products with advanced aesthetics, fewer synthetic chemicals and more eco-friendly materials.

"Solvay's new Rheozan[®] BLC combines the best of science and nature. It is an innovative and flexible ingredient that leverages the full power of biotechnology with beneficial functions and excellent sustainability credentials," said Jean-Guy Le Helloco, global vice president, home and personal care at Solvay. "This COSMOS-validated ingredient enables new formulation possibilities and addresses the market demand for biodegradable solutions, making it a win-win solution for formulators and consumers."

Rheozan[®] BLC is derived from grey biotechnology. Its synthesis is based on starch fermentation by carefully selected bacterial strains that generate very uniform cellulose fibers. When added to home and personal care formulas, these nature-engineered fibers build a regular three-dimensional mesh, creating a highly effective suspension mechanism. It can suspend and stabilize visual cues such as pigments, natural exfoliating particles, perfume capsules, air bubbles, opacifier or emulsion, and insoluble agents such as zinc pyrithione or minerals.



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Regulated/inside information

Solvay's Rheozan[®] BLC belongs to a new generation of biotechnology-based ingredients that can revolutionize the chemical industry, harnessing the power of nature to combine higher performance with more safety and sustainability toward a more circular economy.

For more information about Rheozan[®] BLC [contact Solvay's experts](#).

® Rheozan is a registered trademark of Solvay

About Solvay

Solvay is a science company whose technologies bring benefits to many aspects of daily life. With more than 23,000 employees in 64 countries, Solvay bonds people, ideas and elements to reinvent progress. The Group seeks to create sustainable shared value for all, notably through its Solvay One Planet plan crafted around three pillars: protecting the climate, preserving resources and fostering better life. The Group's innovative solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices, health care applications, water and air purification systems. Founded in 1863, Solvay today ranks among the world's top three companies for the vast majority of its activities and delivered net sales of €9 billion in 2020. Solvay is listed on Euronext Brussels (SOLB) and Paris and in the United States, where its shares (SOLVY) are traded through a Level I ADR program. Learn more at www.solvay.com.

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