

Evonik to reduce carbon footprint and plastic use with new paper bags for MetAMINO®

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- Evonik removes plastic film layer in 25-kilogram bags for MetAMINO®
- The new packaging helps conserve resources, facilitates recycling, and reduces CO₂ emissions
- Antwerp is Evonik's first production site to switch to the new packaging, with others to follow

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Essen, Germany. Evonik has introduced a more environmentally friendly 25-kilogram paper bag for MetAMINO® (DL-methionine) by eliminating the plastic film layer. This change not only benefits customers with easier disposal options but also aligns with the EU's new 'Packaging & Packaging Waste Regulation' (PPWR) aimed at enhancing recycling efforts.

The new packaging consists of two layers of paper and can be recycled as a pure paper bag (PAP 22) according to the EU recycling classification. For the Antwerp production site alone, this initiative will save 32 tons of polyethylene (PE) per year and reduces the packaging's CO₂ footprint by 20 percent. Intensive testing has confirmed that the high quality of MetAMINO® remains unchanged in the new packaging and that its shelf life of 36 months is unaffected.

"Product packaging plays an important role in our company's efforts to reduce CO₂ emissions and achieve a resource-conserving circular economy," says Dr. Dirk Hoehler, responsible for the amino acid business at Evonik Animal Nutrition. "Packaging must protect the product effectively, but it should do so in the most environmentally friendly way possible."

The packaging experts at Evonik Animal Nutrition have been working for several years on practical solutions to reduce the use of plastic in the packaging of MetAMINO® and other feed ingredients. The transition to the new bags has begun in Antwerp, with plans for the Singapore and Mobile (USA) sites to follow.

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MetAMINO® is used in livestock production to feed animals healthily, efficiently, and sustainably. With its science-based approach, the Animal Nutrition business line of Evonik develops products, services and system solutions that help supply a growing world population with healthy, high-quality and affordable animal protein.

Evonik: Leading beyond chemistry

Evonik goes beyond the boundaries of chemistry with its combination of innovative strength and leading technological expertise. The global chemical company, headquartered in Essen, Germany, is active in more than 100 countries and generated sales of €15.2 billion and earnings (adjusted EBITDA) of €2.1 billion in 2024. The common motivation of the approximately 32,000 employees: to provide customers with a decisive competitive advantage with tailor-made products and solutions as a superforce for industry, thereby improving people's lives. In all markets. Every day.

Advanced Technologies

The Advanced Technologies segment includes Evonik's market-leading businesses that leverage technological expertise and process know-how. These businesses feature high-performance polymers and crosslinking agents, hydrogen peroxide and silica, as well as feed ingredients. In 2024, the segment generated sales of €6.1 billion with around 8,000 employees.

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