

Sulzer launches SULAC™ – a new technology for lactide production

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Sulzer enhances its leadership in biopolymers and circularity with its new process solution – SULACTM . The licensed technology completes Sulzer’s portfolio of licensed technologies for the manufacture of polylactic acid (PLA), an eco-friendly bioplastic. SULACTM supports the conversion of lactic acid into lactide, which is both needed to produce PLA and limited by current availability.

Sulzer Chemtech developed SULAC™ to meet market demand for the lactide biopolymer and ultimately facilitate the broad adoption of more circular and sustainable high-quality plastics. The licensed technology enables PLA producers to seamlessly integrate new lactic acid to lactide capabilities. It also facilitates delivery of a wide range of high-quality, competitive biopolymer grades, while improving operational efficiencies.

As a leader in the global bioplastics market, Sulzer offers a broad technology portfolio and has equipment installed at nearly every existing PLA facility worldwide. Together with SULACTM, its PLA production technology includes solutions for polymerization as well as lactic acid to lactide conversion and lactide and PLA purification, providing a comprehensive PLA service offering and all the benefits of a single provider.

Sulzer Chemtech Division President Uwe Boltersdorf comments: “We are delighted to strengthen our position in the PLA value chain for our customers, as we continue to support circular manufacturing practices and the use of sustainable materials.

Image captions:

Image 1: Sulzer launched SULAC™, a new licensed technology for the conversion of lactic acid into lactide that complements the company's existing offering for the manufacture of polylactic acid (PLA) bioplastic.

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About Sulzer

Sulzer is a global leader in fluid engineering. We specialize in pumping, agitation, mixing, separation and application technologies for fluids of all types. Our customers benefit from our commitment to innovation, performance and quality and from our responsive network of 180 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2021, our 13'800 employees delivered revenues of CHF 3.2 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN).

The Chemtech division is the global market leader in innovative mass transfer, static mixing and polymer solutions for chemicals, petrochemicals, refining and LNG. We are steering the way in ecological solutions such as bio-based chemicals, polymers and fuels, recycling technologies for textiles and plastic as well as carbon capture and utilization/storage, contributing to a circular and sustainable economy. Our product offering ranges from process components to complete process plants and technology licensing.

Visit our LinkedIn channel at www.linkedin.com/showcase/sulzer-chemtech for exciting updates and more!

www.sulzer.com

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