



## Protection upgraded

### Integrated Process Solutions for Aluminum Die Casting

SurTec and Chem-Trend present joint expertise at EUROGUSS 2026 in Hall 7A, Booth 7A-110

Bensheim, 14.11.2025. When it comes to producing complex aluminum die-cast components, every detail counts. Sister companies SurTec and Chem-Trend - both part of Freudenberg Chemical Specialities - combine their expertise to provide perfectly coordinated process solutions across the entire value chain. At EUROGUSS 2026, taking place from January 13-15 in Nuremberg, the two companies will jointly demonstrate how innovation emerges through interdisciplinary collaboration.

#### Comprehensive solutions for demanding applications

Aluminum die-cast components play a vital role in many industries - from automotive and e-mobility to machinery and plant engineering. These components must be lightweight, strong, and highly precise, while also meeting demanding requirements for bondability, paintability, and weldability. Ensuring this level of quality requires more than just a high-performance casting process: it depends on the seamless interaction between release agents and downstream surface treatment.

#### Proven processes from a single source

In joint development projects, expert teams from both companies test various combinations of release agents and surface treatments to create optimal

system solutions for high-volume production. Decades of industry experience and deep technological understanding feed into this process. Chem-Trend contributes its expertise as a global leader in die lubricants, while SurTec brings deep know-how in chemical surface treatment. Together, they create an integrated, practice-proven process chain that ensures maximum efficiency and quality.

“The demands in today’s industry are so ambitious and complex that they can only be successfully met through collaborative solutions involving multiple experts,” says Darko Tomazic, Key Account Manager Die Cast Europe at Chem-Trend.

Dr. Yingjia Li, R&D Engineer at SurTec, adds:

“Together with Chem-Trend, we offer our customers solutions that go beyond individual process steps. Our coordinated systems create true synergies, ensuring stable processes and reproducible results in series production.”

### **Focus on e-mobility and new challenges**

Requirements are particularly high in the field of e-mobility: large, structurally relevant aluminum components must be produced reproducibly and allow for reliable bonding and coating. The integrated process solutions developed by SurTec and Chem-Trend are thoroughly tested, field-proven, and tailored to meet these evolving industry needs. Get an inside look at our joint development work [here](#).

### **Meet SurTec and Chem-Trend at EUROGUSS 2026**

At their joint booth in hall 7A, booth 7A-110, experts from SurTec and Chem-Trend look forward to a professional exchange with visitors. The exhibition will offer hands-on insights into current projects, application expertise, and new impulses for process optimization in aluminum die casting.

### **About SurTec**

Surface technology company SurTec develops, manufactures, and distributes chemical specialties for surface treatment worldwide. SurTec covers the full portfolio in this area with its five fields of application: industrial parts cleaning, metal pre-treatment, functional and decorative electroplating, and functional coatings. With modern and sustainable developments and global technical centres, SurTec is pioneering. Decades of experience are used to develop environmentally sustainable and high-performance finishing processes. SurTec is certified to the international standard ISO 9001 (Quality Management). The additional certifications according to OHSAS 18001 or ISO 45001 and ISO 14001 underscore the important business objectives of occupational health and safety as well as environmental sustainability and resource conservation.

The SurTec Group, headquartered in Bensheim, Germany, belongs to Freudenberg Chemical Specialities GmbH and is represented in 22 countries with its own companies and in more than 20 other countries via partner companies.

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

### **About Chem-Trend**

Chem-Trend is the most proven partner in the world for release agents, purging compounds, additives for paper impregnation and other process chemical specialties. Using a customer-centric approach and deep research and development, Chem-Trend is dedicated to improving production efficiency, reducing waste, and minimizing the impact on the environment for its customers. Founded in 1960 and headquarters in Howell, Michigan, Chem-Trend offers a globally integrated network of experienced, knowledgeable, and insightful production and technical experts in all major manufacturing regions around the world, serving customers through offices in North America, South America, Asia, and Europe. Chem-Trend is part of Freudenberg Chemical Specialities GmbH, a global technology group.

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

### **About Freudenberg Chemical Specialities**

Freudenberg Chemical Specialities develops, manufactures and markets chemical specialties. To be close to its customers, the company is represented globally in the market with its five Business Units, Klüber Lubrication, Chem-Trend, OKS, SurTec and Capol. Freudenberg Chemical Specialities is one of the leading manufacturers of specialty lubricants, release agents, chemical solutions for surface technologies and chemotechnical maintenance products, as well as solutions for the treatment of confectionery and other foodstuffs. Headquartered in Munich, Germany, the Business Group operates its own companies in some 40 countries. Freudenberg Chemical Specialities employs about 4,000 people and generates sales of about € 1.5 billion.

[www.fcs-munich.com](http://www.fcs-munich.com)

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