



***Your Bridge to ...***



***... Chemical Specialties in Europe***

***Biesterfeld  
Spezialchemie***

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## **More than just a distributor, partner and specialist ...**

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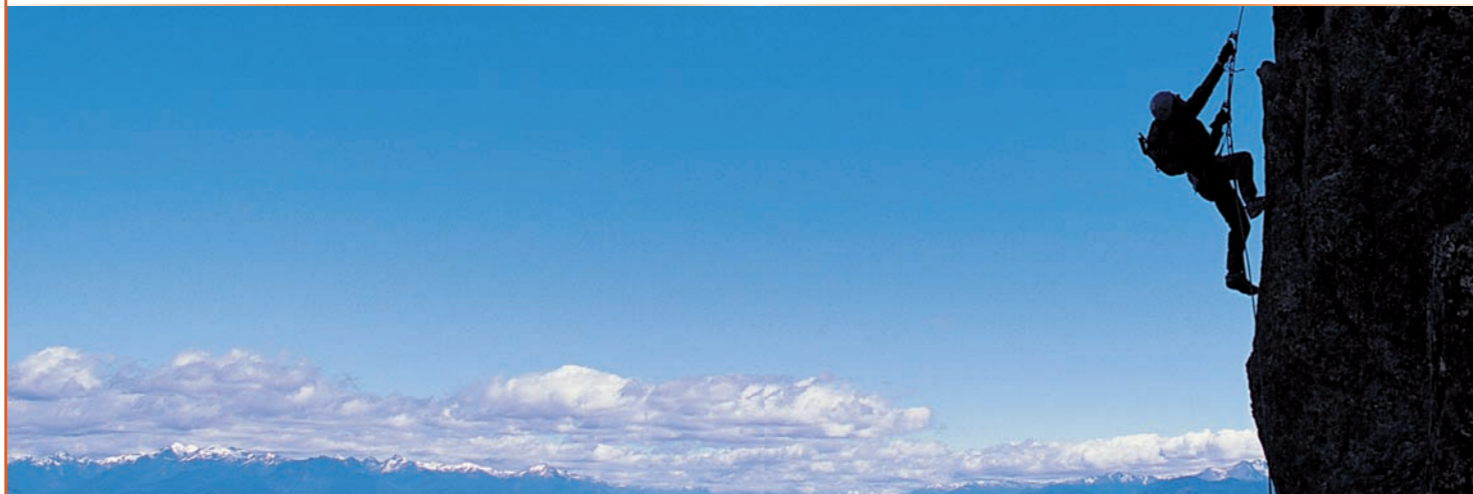


### **Your requirements are our mission**

Biesterfeld Spezialchemie GmbH, a subsidiary of Biesterfeld Group, is operating for you in 19 locations throughout Europe with over 250 employees. We are always one step ahead with our four business units of **LifeScience**, **Food Ingredients**, **CASE** (Coatings, Adhesives, Sealants, Elastomers) and **Performance Products**.

### **We understand your needs and provide you with efficient solutions. Challenge us!**

In our cooperation with you, only one thing counts: quality. We know the needs of the market and at the same time we take significant productivity factors into account when it comes to time-to-market, innovation and daily requirements in terms of documentation and feedback.



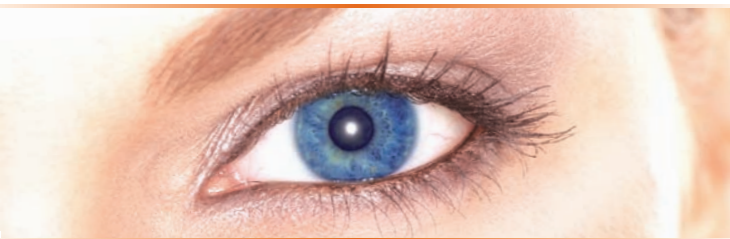
### **In tune with time**

- Custom-made product and service portfolio
- Innovative inspiration for your business
- Long-term and intensive partnerships
- Extensive market expertise
- Expertise in applied technology
- High-performance, pan-European logistics
- Transparency in all business processes
- Clearly defined Corporate Governance

### **Facts & Figures**

- 1906 Foundation of W. Biesterfeld & Co.
- 1998 Biesterfeld Spezialchemie GmbH, the European specialty chemicals division of the Biesterfeld Group
- 19 subsidiaries in 17 European countries
- Annual turnover approx. € 250 million generated by more than 250 employees

## LifeScience



### Innovation in the prime of life

- Your sunscreen should have only a minimal whitening effect? The household cleaning products ought to be even more environmentally friendly? Do you need a flexible silicone tubing for the pharmaceutical production?
- Product development is a complex and creative topic. Here we offer you high-performance materials with innovative features.

### Developing together with partners

- We know the special requirements of **pharmaceuticals, cosmetics, household cleaning products** and **organic synthesis**. As your partner, we will support you with technical advice up to the development of individual formulations.
- *You are looking for innovations?*
- *Benefit from our experience and let us open up new markets together!*

Fatty acids • Fatty alcohols • Preservatives  
Silicones • Surfactants • Guar • Polymers • Phosphonates  
Emulsifiers • Elastomers • Plant extracts • Natural propylene glycol • Antioxidants • Light protection filters  
Sugar derivatives • Oxocarboxylic acids • Pyridine and pyridine derivatives • Organic intermediates

## Food Ingredients



### The main thing is what's inside

- You want to whip cream faster and with less loss of volume? You want it to taste like grandma's, but to be vegan as well? Is the halal certification important to you?
- We know the needs of our customers in terms of application, processing, colour, compatibility and adherence to original formulations. We have the answers in a wide range of products and solutions for functionality, convenience and efficiency.

### Perfect ingredients for your success

- We understand the complexity of food production and we can offer you dynamic innovations and cost optimisation. Our team will support you from the formulation to the final solution.
- *Do you have special requirements?*
- *Make use of our expertise and services!*

Starches • Starch sugar • Flavourings  
Hydrocolloid • Acidifiers • Acidity regulators  
Proteins • Emulsifiers • Dyes • Sucrose ester  
Soy isolates • Phosphates  
Commodities • Lactates • HVP

## CASE



### Ambition and perfection

- What does tomorrow's automotive coating look like? Are flame retardants and environmental friendliness reconcilable? What are future applications for adhesives? What makes safety clothing durable?
- We will provide you with the latest solutions and our extremely broad range of additives for **coatings, printing inks, adhesives, polyurethanes, lubricants, plastics** and in the field of **construction chemistry**.

### More efficiency, more innovation – top results

- Our business unit **CASE** (Coatings, Adhesives, Sealants, Elastomers) puts your needs into the centre of their work.
- *Do you want to achieve more?*
- *Let us develop ideas and markets together!*

Wetting agents • Dispersants • Defoamers • Hardeners  
Metal catalysts • Stabilizers • Flame retardants  
Prepolymers • Rheological additives  
Antistatic agents for polymers • Thickeners for paints and coatings • Antioxidants • Light stabilizers • Co-emulsifiers  
Epoxy resin hardeners

## Performance Products



### The right performance

- Material for prototyping that can be used immediately? A water-repellent, but conductive coating for electronics? A replacement for rivets, a glue maybe? Fast, customized and ready for immediate use.
- Whether it is for small, medium or large projects, especially when it is about innovative products and perfect service, we are here for you.

### Your active partner

- Whether for bonding, sealing, coating, encapsulation, lubricating or in compounding – we offer **ready-to-use systems**. Industries such as **construction, automotive, electronics, energy** or **solar** appreciate our technical advice, the excellent products from renowned manufacturers and the best availability.
- *You want more performance?*
- *Take advantage of our performance!*

Ready-to-use additives for building materials  
Silicone rubber – mixes and additives  
Lubricants • Chemical systems for automotive, electrical and electronics applications • Adhesives  
Protective coatings • Casting compounds • Thermally conductive products • Resins for fibre composites



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