



**LANXESS**  
Energizing Chemistry

## Corporate Profile

Dear readers,



Headquartered in Germany, the LANXESS Group is one of the world's largest manufacturers of specialty chemicals. Our core business comprises the development, manufacture and sale of plastics, rubber, specialty chemicals and intermediates. In addition, we support our customers in developing and implementing made-to-measure system solutions.

As an essential driver for our further business development, we regard innovation as a key factor and therefore established an Innovation Group in January 2009. This group is committed to advancing the quality and efficiency of existing processes and to developing new ones. It is crucial for our goal of continuously improving our value propositions. Under our corporate vision of "Energizing Chemistry," the entire LANXESS Group makes efforts to strengthen its position as the engine of the chemical industry.

The group's Japanese subsidiary LANXESS K.K. takes the chemical products from production bases in Japan and around the world and markets them mainly to customers in the automobile, tire, IT and electrical equipment and electronics manufacturing industries. Japan is a technology leader not only in Asia but also around the world, and LANXESS is proud to position the country as one of its most strategic and important markets.

We at LANXESS K.K. work day in and day out to generate added value for both our customers and for our company through innovative products, optimized processes and new ideas.

**Peter Weinmar**  
**President & CEO LANXESS K.K.**  
**Head of Region Japan & Korea**

## Biography

November 10, 1960	Born in Essen, Germany
1981-1984	Business administration and economics studies at the internal academy of Bayer AG
1984-1987	Sales assistant within the Business Unit Silicones
1987-1990	Sales representative for the Business Group Inorganic Chemicals at Bayer S.A. in France
1991-1995	Responsible for Silopren <sup>®</sup> LSR (an silicone rubber material for injection moulding processes) as product manager within the Business Unit Silicone at Bayer AG
1995-1996	Responsible for global sales and marketing of hydrazine hydrate and Bayhibit <sup>®</sup> AM within the Business Unit Inorganic Fine Chemicals at Bayer AG
1996-1999	Global Head of Marketing of Phosphorous Chemicals and other Specialities within the Business Unit Inorganic Fine Chemicals at Bayer AG
1999-2000	Project Manager within the corporate strategic planning department of the Bayer Group
2000-2005	Head of Business Unit Ion Exchange Resins at Bayer Chemicals and then LANXESS Group
2005-2009	Head of Business Unit Material Protection Products at LANXESS Group
July 1, 2009	Appointed President & CEO LANXESS K.K. Head of Region Japan & Korea

## Chemistry moves the world, LANXESS moves chemistry.



LANXESS is a major global specialty chemicals manufacturer headquartered in Germany. We manufacture products in the fields of chemicals, rubber and plastics. We develop ideal system solutions for our customers and offers them program support.

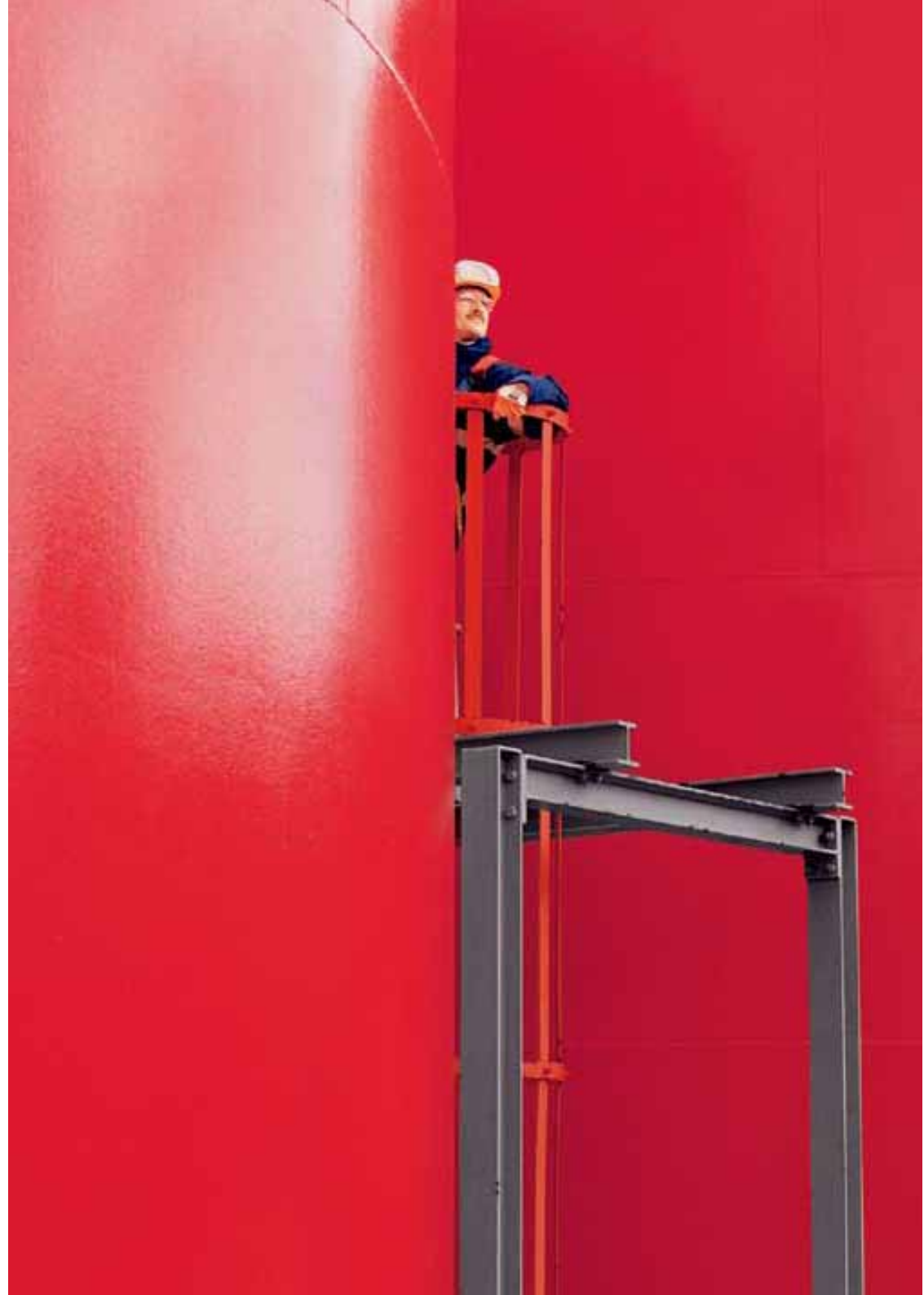
### Origin of the name "LANXESS"

"LANXESS" is a combination of the French verb "lancer," meaning to thrust forward, and the English noun "success"—representing a new beginning coupled with the will to succeed.

LANXESS has its roots that go back more than 100 years. In 2004, pharmaceutical and chemical manufacturer Bayer AG's chemical division and parts of its polymer division were consolidated to form LANXESS. It subsequently was listed as an independent company on the Frankfurt Stock Exchange on January 31, 2005. Our decades of experience and commitment to customers, combined with the motivation, make it an enterprise geared towards the future.

## History

- 1886** Introduction of the red direct dye Benzopurpurine, developed by Bayer, to Japan
- 1911** Friedrich Bayer & Co. established as a wholly-owned subsidiary
- 1960** Wholly-owned Japanese subsidiary Chemdyes Doitsu Senryo set up by Bayer to handle dyes and chemicals
- 1971** Rhein Chemie becomes a wholly-owned subsidiary of Bayer AG
- 1984** Bayer Japan Ltd. inaugurates Toyohashi Works, including a state-of-the art distribution center
- 1988** Bayer becomes the first German manufacturer to be listed on the Tokyo Stock Exchange
- 1990** Bayer's Rhein Chemie division opens a production facility for rubber additives at Toyohashi Works
- 1992** Bayer Japan Ltd. changes its name to Bayer Ltd.
- 1999** Bayer Ltd. obtains certification to ISO 14001
- 2002** Rhein Chemie Japan Ltd. established as a wholly-owned subsidiary of Bayer Ltd.
- 2003** Bayer Chemicals Japan K.K. established  
Decision by Bayer to place certain activities into a new company
- 2004** LANXESS established  
Bayer Chemicals Japan K.K. changes its name to LANXESS K.K.
- 2005** Separation from Bayer completed through a spin-off and listing of LANXESS AG on the Frankfurt Stock Exchange  
LANXESS K.K. relocates head office to Tokyo's Marunouchi district
- 2006** Saltigo GmbH established as the wholly-owned subsidiary of LANXESS AG  
Registered company name for ISO 14001 has been changed to LANXESS K.K. from Bayer Ltd.



## Portrait



LANXESS K.K. is the Japanese subsidiary of LANXESS. Our main business activities are the import and sales of chemical products from overseas production sites. Rhein Chemie Japan Ltd., also a LANXESS Group affiliate, produces and sells additives for the rubber industry in Japan. LANXESS K.K. supplies its products mainly to the automobile, tire, IT and electrical equipment and electronics manufacturing industries. It holds a leading market position supplying butyl rubber to the Japanese tire industry.

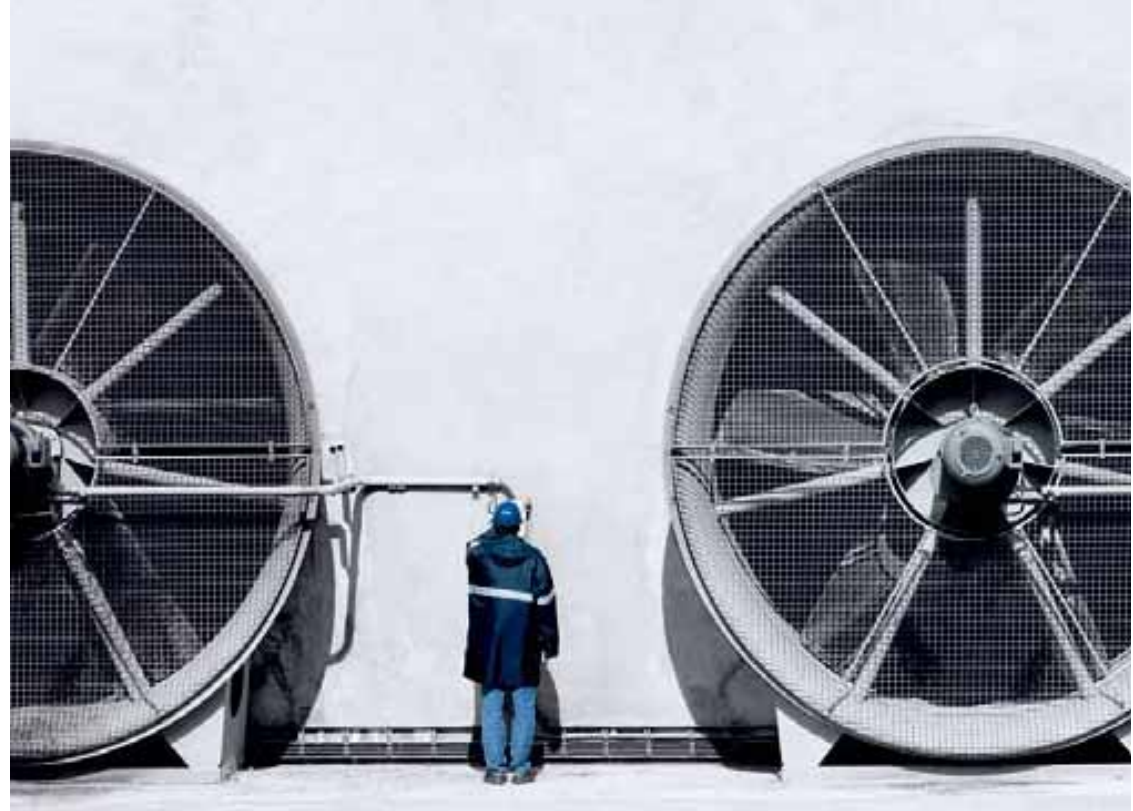
All 13 Business Units are represented in Japan within LANXESS K.K. and Rhein Chemie Japan Ltd. We have the headquarters in Marunouchi district in Tokyo. The Toyohashi Works site is located in Toyohashi's Akemi seaside industrial complex. It is home to a state-of-the-art warehousing facility (Distribution Center) and a technical customer service center for the Ion Exchange Resins Business Unit. Moreover at Toyohashi Works, Rhein Chemie Japan Ltd. operates a production facility for additives for the rubber industry. The Leather Business Unit operates a technical customer service center in Himeji, Hyogo Prefecture.

#### **LANXESS in Japan**

Japan is a strategically important market for LANXESS. The company is one of the major butyl rubber suppliers for Japanese tire production. In Japan, we are well positioned with all its Business Units and sees future opportunities for profitable growth especially in the automobile, IT and electrical equipment and electronics segments. We also see and actively pursue further opportunities in offering custom-manufacturing services in the field of life sciences through our fully owned subsidiary, Saltigo.

#### **Distribution Center**

The state-of-the-art warehousing facility provides numerous logistic services including import / export custom clearance, warehousing services like storage of normal and inflammable cargo, repacking, sample delivery and quick cargo transportation throughout Japan. The storage capacity of more than 10,000 pallets is managed by a sophisticated, high performance computer system controlled by professional warehouse and logistics staff.



# Optimizing Chemistry

## Portfolio



LANXESS is a global specialty chemicals company. Our strength lies in our chemicals - development, production and sales. We service customers around the world by manufacturing thousands of products, from sulfuric acid to pharmaceutical active ingredients, from ion exchange resins for large industrial power plants to ion exchange resins for water filters at home, from plastics and plastics technologies for industry, home and leisure to synthetic rubber for tires, and much more.

LANXESS operates 13 Business Units. Organizationally, these Business Units are grouped into three business segments: Performance Polymers, Advanced Intermediates and Performance Chemicals.

## Business Units

### Performance Polymers

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#### Butyl Rubber

- Butyl rubber

#### Performance Butadiene Rubbers

- Synthetic rubbers (BR, SBR, ESBR)

#### Semi-Crystalline Products

- Engineering plastics (PA6, PA66, PBT)

#### Technical Rubber Products

- Synthetic rubbers  
(CR, NBR, HNBR, EVM, EPDM)

### Advanced Intermediates

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#### Basic Chemicals

- Intermediates for resins and coatings
- Pharmaceutical and agrochemical intermediates, chlorination agents
- Additives for polymers and lubricants, solvents for polymers

#### Saltigo

- Pharmaceutical ingredients, agrochemicals, specialty chemicals and their intermediates

### Performance Chemicals

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#### Functional Chemicals

- Colorants, plastic additives such as plasticizers

#### Inorganic Pigments

- Inorganic pigments for concrete, paint, plastics

#### Ion Exchange Resins

- Ion exchange resins for water treatment, ultra pure water, catalyst, food, brine purification and heavy metal removal, biodiesel

#### Leather

- Leather chemicals

#### Material Protection Products

- Material protection products (Biocides)

#### Rubber Chemicals

- Accelerators
- Antioxidants
- Specialty chemicals

#### Rhein Chemie

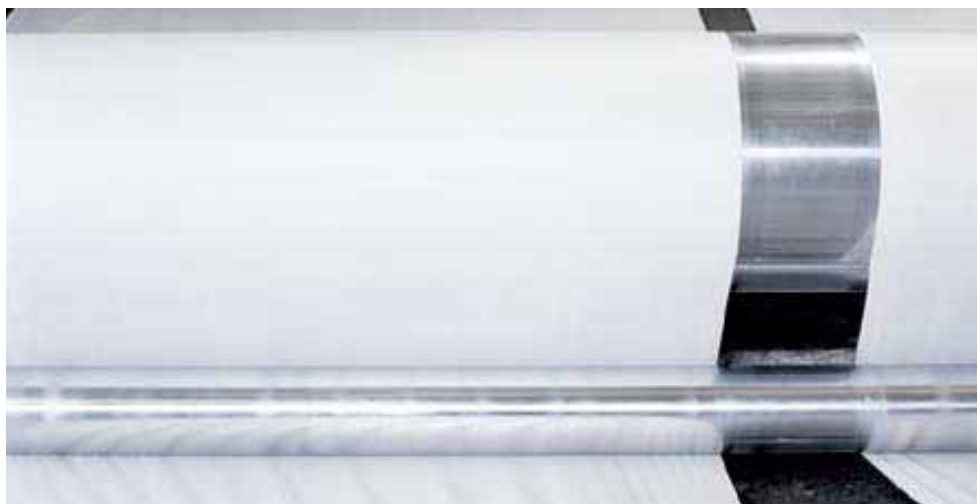
- Predispersed rubber chemicals
- Processing promoters
- Lubricant oil additives
- Engineering plastics additives



# Transforming Chemistry

# Performance Polymers

The specialty rubber products in our portfolio ensure that you have a choice of strong brands.



**The Performance Polymers segment combines all the Group's activities in synthetic rubber and polymer production. Here, LANXESS offers a broad portfolio of innovative products, many of which are international leaders.**

## **Butyl Rubber**

The Butyl Rubber Business Unit is a global supplier of butyl rubber, which is the only rubber available today that is impermeable to air. Main applications are found in the tire industry, which uses around 70 percent of global butyl rubber production. Modern car tires, for example, would be inconceivable without butyl rubber.

## **Performance Butadiene Rubbers**

The Performance Butadiene Rubbers Business Unit is a global manufacturer of polybutadiene (PBR), solution styrene-polybutadiene (SSBR) and emulsion styrene-polybutadiene (ESBR) rubber. The majority of the total global production is used in tire compounds and plastic modification (HIPS). LANXESS offers its customers ideal solutions in both markets.

## **Semi-Crystalline Products**

The Semi-Crystalline Products Business Unit's portfolio covers polyamides and polyesters, and it owes its market importance to its know-how in the field of compounding and to its product and applications development. The most important customer segment is the automobile industry, with the electrical equipment and electronics manufacturing industries and the chemical and packaging industries also playing key roles.

## **Technical Rubber Products**

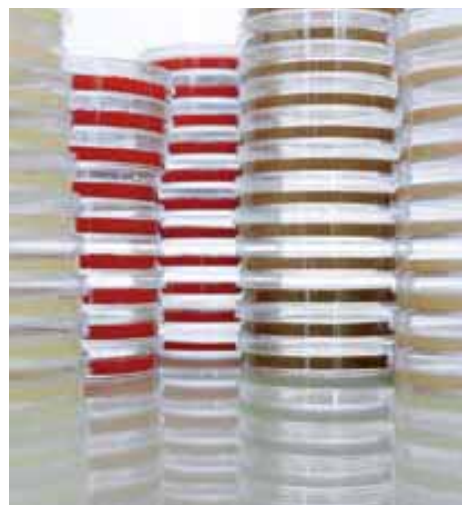
The Technical Rubber Products Business Unit is a global supplier of synthetic rubber for the rubber processing industry. Although primarily supplying the automobile industry, the Business Unit also serves applications in the shoe industry, construction industry, machine and industrial plant building, oil exploration, aircraft manufacture, electronics and domestic appliances.





## Advanced Intermediates

We produce high-quality industrial chemicals and aromatic compounds.



**The operations that LANXESS combines in the Advanced Intermediates segment makes it one of the world's leading suppliers of basic chemicals and fine chemicals.**

### **Basic Chemicals**

The Basic Chemicals Business Unit is one of the world's key suppliers of high-quality industrial chemicals. In its broad product portfolio, aromatic compounds such as chlorobenzenes, chlorotoluenes, cresols, nitrotoluenes and their derivatives play a dominant role. Strong positions are also held with alkylamine and alkanolamine, benzyl derivatives such as benzyl chloride and benzyl alcohol, hydrofluoric acid and fluorine compounds, inorganic sulfur compounds such as thionyl chloride, polyols and their derivatives such as hexanediol and trimethylolpropane and oxidation products such as maleic anhydride.

### **Saltigo**

Saltigo GmbH is the wholly-owned custom manufacturing company of the LANXESS Group. Saltigo offers services to customers in the pharmaceutical, agrochemicals and specialty chemicals industries, ranging from route scouting of active pharmaceutical ingredients, agrochemicals and specialty chemicals in the beginning and synthesis of quantities for development support through to process development, scale-up, pilotation and finally large-scale production.





## **Performance Chemicals**

**Chemicals from LANXESS are the basis for innovative products worldwide.**



**The Performance Chemicals segment embraces the Group's application-oriented specialty chemicals operations.**

#### **Functional Chemicals**

The Functional Chemicals Business Unit supplies customers in a variety of industries with phosphorous chemicals that function as flame retardants, plasticizers and water treatment. The product portfolio furthermore includes a line of high-quality plastic additives and a broad range of organic pigments, dyestuffs and pigment dispersions.

#### **Inorganic Pigments**

The Inorganic Pigments Business Unit is a manufacturer of inorganic pigments with global operations and market leadership in this field. The high-quality and environmentally friendly pigments from LANXESS are used as colorants for concrete, roof tiles, coatings, plastics and paper, as well as in special applications such as toners.

#### **Ion Exchange Resins**

The Ion Exchange Resins Business Unit supplies many different segments worldwide with ion exchange resins, adsorbers and functional polymers for the treatment of water and other liquids. Servicing a broad variety of industries, LANXESS produces ion exchange resins, for example, for applications including the production of process water, the production of ultra-pure water for micro-electronics and the decolorizing of sugar solutions in food industries.

#### **Leather**

The Leather Business Unit is a global single-source supplier offering a complete portfolio of all necessary products for leather production to customers in the shoe, automobile and furniture industries, including inorganic and synthetic tanning materials, preservatives, fatliquoring agents, dyes, tanning auxiliaries and finishing agents.

#### **Material Protection Products**

The Material Protection Products Business Unit offers a broad range of antimicrobial active ingredients and preservatives to customers in the wood preservation, surface coatings, other building materials, in the hygiene, cosmetics and food sectors. In addition to these high-quality products, this Business Unit provides objective and effective consulting, supports registration management and research & development.

#### **Rubber Chemicals**

The Rubber Chemicals Business Unit is a globally operating manufacturer of rubber chemicals. It offers customers a broad range of high-grade products generally needed in rubber goods production to facilitate compounding and make the processing of elastomers, blends or their rubber compounds easier, create specific properties in the elastomers or finished rubber or latex products, or protect an end-product from aging or decomposition under service conditions. In addition, rubber chemicals are used in other areas such as the cosmetics and pharmaceuticals industry, mining, material protection and fuel and oil applications.

#### **Rhein Chemie**

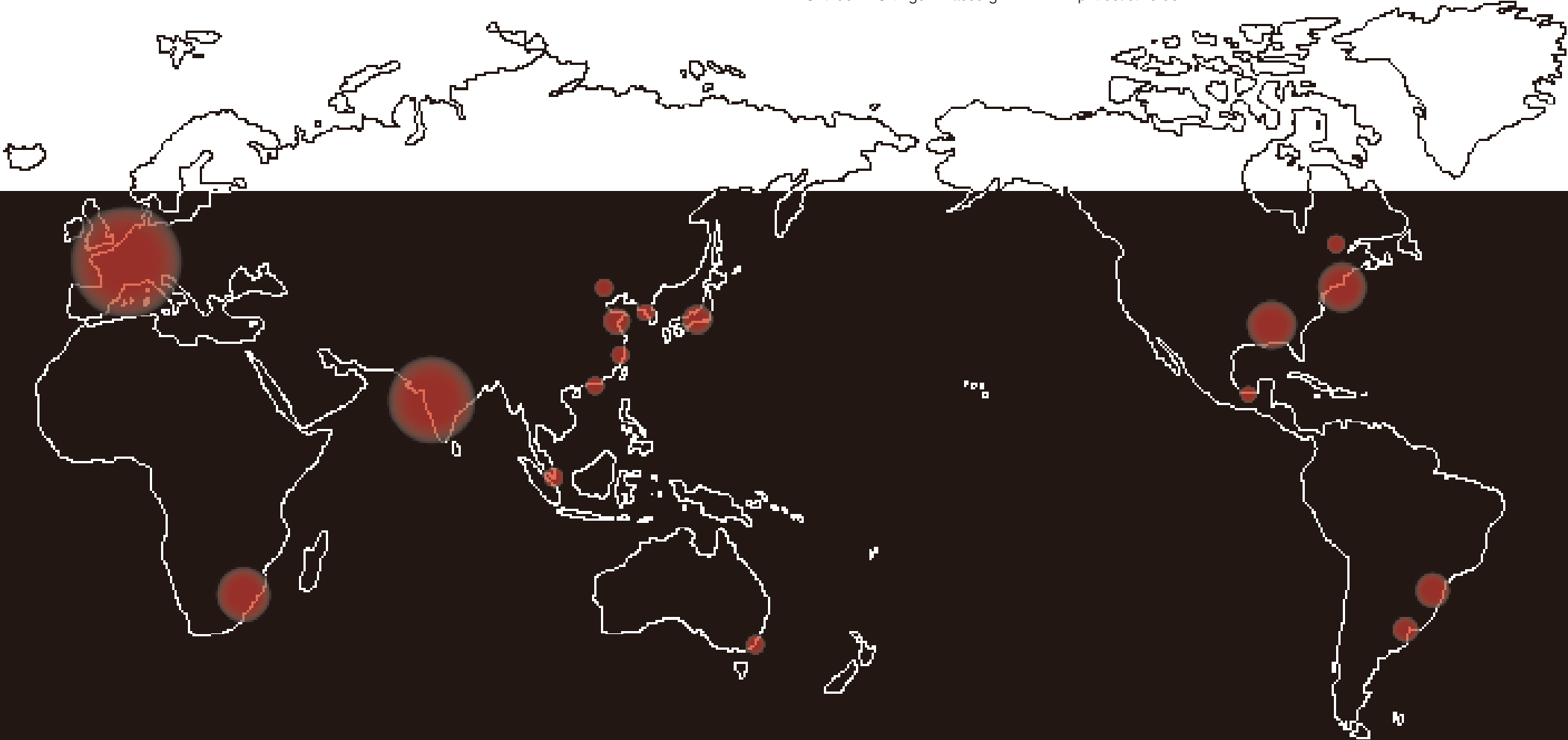
Rhein Chemie Rheinau GmbH, along with its subsidiaries in Japan, China and the USA, is a wholly-owned subsidiary of LANXESS, offering around 4,000 tailor-made ingredients and specialty chemicals for the rubber, lubricant, polymer and polyurethane industries. Rhein Chemie products are used to improve the performance and workability of rubber products, with applications ranging from high-grade car tires and automobile parts to wires and sealing profiles. They are also used in the plastic and polyurethane industries to boost functionality of urethane resin and plastic products, and in high-performance lubricants for industrial metalworking.



# Global Network

With approximately 15,200 employees in 21 countries and 44 production sites around the world, LANXESS is ideally positioned to provide support to customers across the globe.

**Argentina** Buenos Aires / Zarate **Australia** Homebush Bay **Belgium** Antwerp / Zwijndrecht **Brazil** Cabo(Petroflex) / Duque de Caxias(Petroflex) / Porto Feliz / Sao Leopoldo / Sao Paulo / Triunfo(Petroflex)  
**Canada** Sarnia **China** Beijing / Hongkong / Jinshan / Qingdao / Shanghai / Weifang / Wuxi **France** La Wantzenau / Port Jerome / Puteaux **Germany** Bitterfeld / Brunsbuettel / Cologne / Dormagen / Hamm-Uentrop / Krefeld-Uerdingen / Langenfeld / Leverkusen / Mannheim/Rheinau / Marl **India** Chennai / Delhi / Jhagadia / Kolkatta / Madurai / Thane **Italy** Filago / Milan **Japan** Himeji / Tokyo / Toyohashi **Mexico** Lerma / Mexico City **Singapore** **Slovakia** Bratislava **South Africa** Isithebe / Johannesburg / Merebank / Newcastle / Rustenburg **South Korea** Seoul **Spain** Barcelona / Vilassar de Mar **Switzerland** Granges-Paccot **UK** Branston / Newbury **USA** Baytown / Birmingham / Burgettstown / Bushy Park / Chardon / Orange / Pittsburgh \*Alphabetical order



## Corporate Data

### LANXESS K.K.

Head Office: 1-6-5 Marunouchi, Chiyoda-ku, Tokyo 100-8215

Establishment: July 2004

Capital: JPY 400 million

Major businesses: Import and sales of basic and fine chemicals, pigments, plastics, general and special-purpose rubber together with rubber, leather, material protection products and ion exchange resins for numerous fields of application.

Certifications: ISO 14001: 2004 version (Registered: February 26, 1999)

URL: <http://www.lanxess.co.jp>

### LANXESS Group

Head Office: Leverkusen, Germany

Establishment: July 2004

URL: <http://www.lanxess.com>

LANXESS AG functions largely as a management holding company. LANXESS Deutschland GmbH is a wholly owned subsidiary of LANXESS AG, and in turn owns the interests, directly or indirectly, in the other subsidiaries and affiliates, including LANXESS K.K. and Rhein Chemie Japan Ltd.







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[www.lanxess.co.jp](http://www.lanxess.co.jp)