

Your experienced partner in meeting industrial water needs

kemira





Just add Kemira | Kemira has been in water treatment for nearly 50 years. During this time we have developed a huge reservoir of in-house know-how, and a broad range of products for raw water treatment, boiler and cooling water treatment, in-process water treatment, and the treatment of wastewater. Our scope is global.

Over the years, we have enhanced our own experience and knowledge through the development of complimentary production technologies, and manufacturing assets. Today, we are able to offer a unique and broad product portfolio to serve the needs of industrial clients around the world.

Our offering includes a thorough understanding of industrial water processes and applications, an extensive range of products, and research and development resources that are state-of-the-art within this field.

Most importantly, we learn by listening. Close and on-going cooperation with our industrial customers is the cornerstone of our ability to serve them effectively. Water is an essential element of industry, and we can make it work better for you.





Water-related application competences in many segments

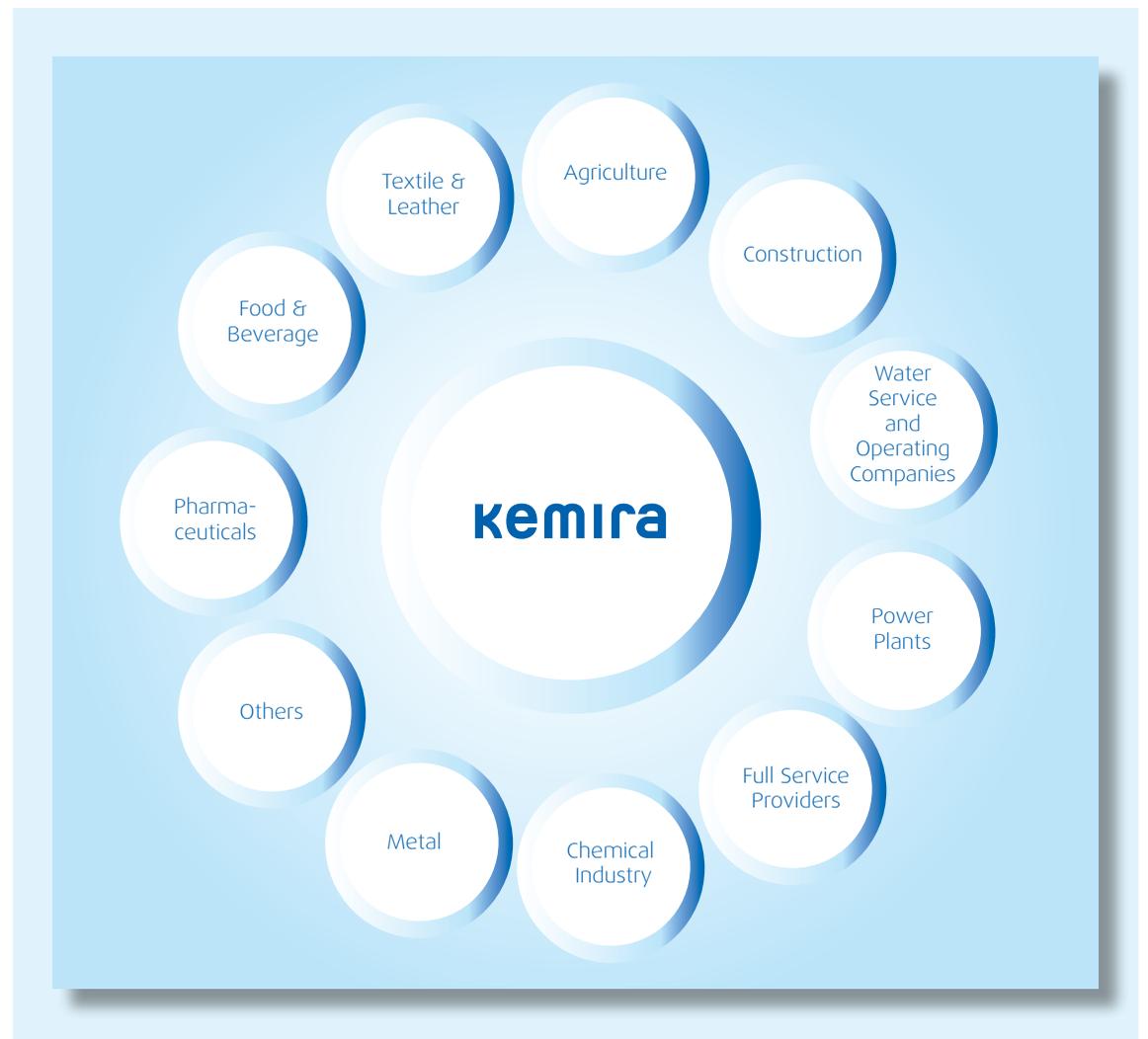
Our total solution offering serves clients in a huge variety of industries in countries around the world. Below are a few examples of the many applications where our expertise adds value to our industrial clients' businesses.

- **Raw water treatment:** Our inorganic and organic chemistry has helped clients improve the quality of their water.
- **In-process chemicals:** Our chemicals affect a wide range of process applications by increasing equipment throughput, improving product quality, improving yields, and reducing energy costs.
- **Wastewater treatment:** Our chemistries assist customers in meeting regulatory needs, in reducing sludge volumes, and in improving equipment operations, thus reducing overall operational costs.

Other areas in which we are active include:

- **Dewatering of treated sludge**
- **Solid-liquid separation**
- **Odor control**
- **Soil and erosion control**

The above is just a sampling of the many ways in which our experience and know-how is serving industry. Water is a very important media in a broad range of industries, and we are ready to help you optimize your use of water, whatever the application.



PRODUCT LIST

Application description	Product group function	Kemira products
Raw water treatment	Inorganic and organic coagulants Etc.	Superfloc, Callaway, PIX, Sternpac PAS
Wastewater treatment	Organic Flocculants	Superfloc, Callaway
Microbial Control	Biocides	AMA
Foam Control	Defoamer	Callaway
Deposit/Scale control	Dispersants	Criterion, Cyanamer, Colloid

Kemira serves industrial markets with products and solutions

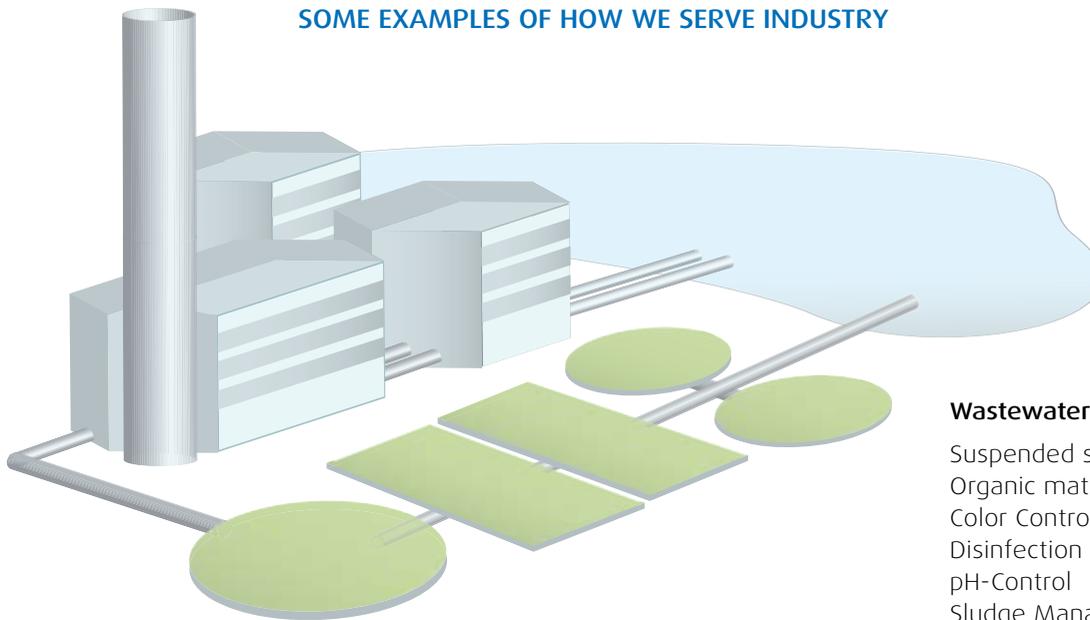
Our broad portfolio of products complements the knowledge and experience that we have built up over the decades. It makes for a total package that enables you to optimize the treatment and/or processing of water in your specific industrial application.

Backed by a global network of sales and service specialists, we offer a range of products that is second-to-none in this field. We are the world's leading supplier of coagulants and amongst the world's leading suppliers of flocculants for water treatment.

SOME EXAMPLES OF HOW WE SERVE INDUSTRY

In-Process treatment

Suspended solids removal
 Organic matter removal
 Liquid/Solid separation
 Water/Oil separation
 Filter Aids
 Disinfection
 Color Control
 Foam Control
 Scale/Deposit Control
 Microbiological Control
 Process additives
 Slurry Treatment
 Thickening
 Washing enhancement
 Viscosity Modification
 Preservation



Industrial and potable water treatment

Suspended solids removal
 Organic matter removal
 Color Control
 Disinfection
 PH-Control
 Sludge Management

Wastewater Treatment

Suspended solids removal
 Organic matter removal
 Color Control
 Disinfection
 pH-Control
 Sludge Management

Foam Control
 Oil Removal
 Scale/Deposit Control
 Odour Control
 Reduction of nutrients
 Metals Removal

Industries Kemira participates in

Food and Beverage

- GRAS chemistries
 - Food washing products
- Laundries
 Metals

Pharmaceutical/Enzymes

- Textile
 General Industry
 Automotive
 Chemical

Electronics

- Construction
- Cement
 - Dredging
 - Tunneling

Agriculture

- Soil remediation
 - Soil erosion Control
 - Manure Management
- Energy



We are uniquely positioned to be a partner to industrial concerns around the world in meeting the challenges of their water treatment needs. By offering deep insight, the latest technologies, market awareness, and a superb range of customized products, we stand ready to help your business to grow. Our global service and support network is on hand to back this promise.

Kemira in brief

Kemira focuses on water and fiber management chemistry, its goal is to be the best in its field.

In 2008, Kemira recorded revenues of approximately EUR 2.8 billion and had a staff of 9,405.

Kemira operates in 40 countries.

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