



NORLEX

NORLEX.COM



ABOUT NORLEX

NORLEX IS A DANISH PRIVATELY OWNED COMPANY AND A NORDIC LEADER IN CHEMICALS (NORLEX CHEMICALS A/S) AND WATER TREATMENT SOLUTIONS (NORLEX SYSTEMS ApS), COMMITTED TO HELPING OUR CUSTOMERS ACHIEVE OPTIMAL PERFORMANCE.

We always utilise best available technology and enable our customers to get the most out of their processes with environmentally friendly products. We are always in the forefront of developing sustainable technologies.

NORLEX helps Municipalities and Industries meet strict demands in all water treatment processes.

NORLEX has a passion for helping customers, ensuring secure and fast delivery of products with highest quality and service.

NORLEX was founded in 2011 as Copenhagen Chemicals ApS. The company has grown organically and through acquisitions and is now one of the largest suppliers of products for water treatment within the Nordic region.

NORLEX has warehouse locations throughout Denmark.

NORLEX's joint venture company Alumichem owns the Danish manufacturer of functional aluminates Nordisk Aluminat A/S (www.aluminate.eu) and the Canadian based Waterhouse Environmental Services Corp. (www.waterhousechemicals.com) a supplier of watertreatment chemicals in the North Western US and Canada.

All **NORLEX** employees are dedicated to service its customers quickly and effectively and with the highest level of integrity.



NORLEX

CHEMICALS

NORLEX CHEMICALS IS A MARKET LEADING SUPPLIER OF SPECIALTY CHEMICALS FOR WATER AND WASTEWATER TREATMENT IN THE NORDIC REGION.

We supply chemical treatment programs for the following applications:

- Wastewater treatment
- Water treatment
- Cleaning – Membranes & Industrial

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WASTE WATER

NORLEX has, since the 1980's, been a leading supplier and producer of chemical products for purification of waste water. We produce our own range of chemicals as well as supply products from world leading suppliers.

Our products help precipitate dissolved solids, coagulate suspended solids, improve clarification, dewater or thicken sludge, control foam, control smell etc.

NORLEX supplies all chemical products for treatment of municipal and industrial waste water.

Our product range includes:

- Coagulants & Flocculants
- Foam inhibitors, smell control agents and H₂S scavengers
- Nutrients, bulk chemistry and activated carbon

WATER TREATMENT

BOILER

The most critical parameters for a steam generating system is heat transfer and effective steam production. These parameters are influenced negatively by deposits and corrosion.



NORLEX offers an innovative program, that protects the entire steam producing system. The program is built around a combination of chemicals, equipment, monitoring and data analysis, which ensures that the steam generating system is effectively protected against corrosion, deposits, and other potential problems.

In short – the **NORLEX** treatment program ensures the most effective protection against scale formation and corrosion improving reliability and efficiency of your system.

The program includes:

- DISPERSE B0 series scale inhibitors
- SHIELD B0 series corrosion inhibitors
- OXY GUARD B0 series oxygen scavengers
- Test kits, data logging and field service

COOLING

The cooling efficiency in a system will depend heavily on the insulative effect of the heat transfer surfaces (deposits, tube, biofilm etc.) and in cooling towers, how well the tower is cooling the water.



NORLEX cooling treatment programs combines effective chemical treatment with monitoring, data analysis, and field service to keep the system running optimally. This means selecting the right treatment approach for using available water sources. Generally, a near neutral pH or slightly alkaline treatment programme can be chosen. Both can be effective, but require a different approach.

A **NORLEX** treatment program includes:

- SHIELD CW series corrosion inhibitors
- DISPERSE CW series scale inhibitors
- BIO GUARD CW series oxidising biocides, non-oxidising biocides and biodispersants
- Monitoring, analysis, testkits and field service

DRINKING WATER

NORLEX helps treat surface water for producing drinking water. When producing drinking water from surface water, it is imperative to remove the fine silt particles and other colloidal matter. This can be done by adding coagulants to help remove these components in a separation process.



NORLEX is an expert at optimizing performance and cost management, by using innovative products that reduce the total need for chemicals.

Our products include:

- PAC
- Sodium Aluminate
- ACH
- Specialized proprietary formulations of coagulant blends
- Development of application specific formulation

POOL & SPA

NORLEX supplies a full range of chemicals for Pool and Spa. Besides supplying standard dry chlorine and water balance products, **NORLEX** has developed a range of special products for these applications. Spa poses a high potential for bacterial growth. A specific problem in spa baths is the hidden pipe system. If not cleaned and disinfected regularly, it will act as the main bacterial pollution source.

NORLEX supplies a range of specially developed proprietary products for pool and spa:

- Liquid foaming water line cleaner
- Pipe Cleaners and disinfectants that disinfects and removes biofilm
- Full range of dry chlorine products – slow and fast dissolving types
- Water balance products
- Analytical kits

CLEANING

MEMBRANES

Membrane systems are used in many types of applications, with very different cleaning challenges. **NORLEX's** range of membrane products help clean your system and prolong intervals between cleanings. Our product range includes products specifically developed for the most demanding applications, including desalination, food & beverage, pharma, MBR etc.

For any type of membrane and any type of application – if there is a cleaning challenge, **NORLEX** has the right cleaning solution.

Our product range includes

- CC KLEAN series alkaline, acidic and enzymatic membrane cleaners
- MBR KLEAN series specifically developed for MBR systems
- DISPERSE series antiscalants
- BIO GUARD series membrane compatible biocides

INDUSTRIAL

NORLEX offers a full range of industrial cleaners, designed for any industrial cleaning challenge.

Our VIKING product line includes products for cleaning and sanitizing process equipment, tanks, transport crates, trailers, and much more.

Our VIKING series includes products that are designed for use in the food industry.

USE OUR EXPERTISE

Our partners benefit from our expert knowledge through ongoing support, optimization studies, product development, and a unique combination of chemical and equipment expertise.

NORLEX

SYSTEMS

NORLEX SYSTEMS DELIVER SOLUTIONS

Proven wastewater treatment solutions adapted to each specific application. **NORLEX SYSTEMS** designs, manufactures and supplies complete wastewater treatment systems and components. We are specialists in wastewater treatment and use both conventional and proprietary innovative technologies.

MARKETABLE AND INNOVATIVE

NORLEX SYSTEMS delivers the best available solutions on the market for water purification. The knowledge to design the systems and the equipment is gained through more than 30 years of experience in the wastewater treatment business. Our foundation is our network of skilled and experienced suppliers.

In addition to delivering conventional water treatment systems, we developed our own innovative water purification technologies whose ability to remove harmful and xenobiotic substances from the water is second to none. This technology enables reuse of treated water in a much larger scale than what is previously seen.

GUARANTEE TO MEET ALL DISCHARGE REQUIREMENTS

There is no doubt that the requirements for wastewater treatment and discharges are becoming tighter - both in Denmark, the EU, and at the international level. In future, there will be demands for treatment of wastewater for more and more pollutants; examples include phenols, medicine remains, and PAHs.

By choosing a solution from **NORLEX SYSTEMS**, you are guaranteed that all systems and products comply with applicable environmental legislation and that they can be updated and adapted to future requirements.

The products of **NORLEX SYSTEMS** include:

- Solid water purification systems
- All necessary components for water purification
- New technology against environmentally hazardous substances

We work within all industries, and have delivered solutions to:

- Production facilities of various kind
- Oil & gas industry
- Industrial laundry facilities
- Aquacultural applications
- Brickworks
- Other niche applications





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