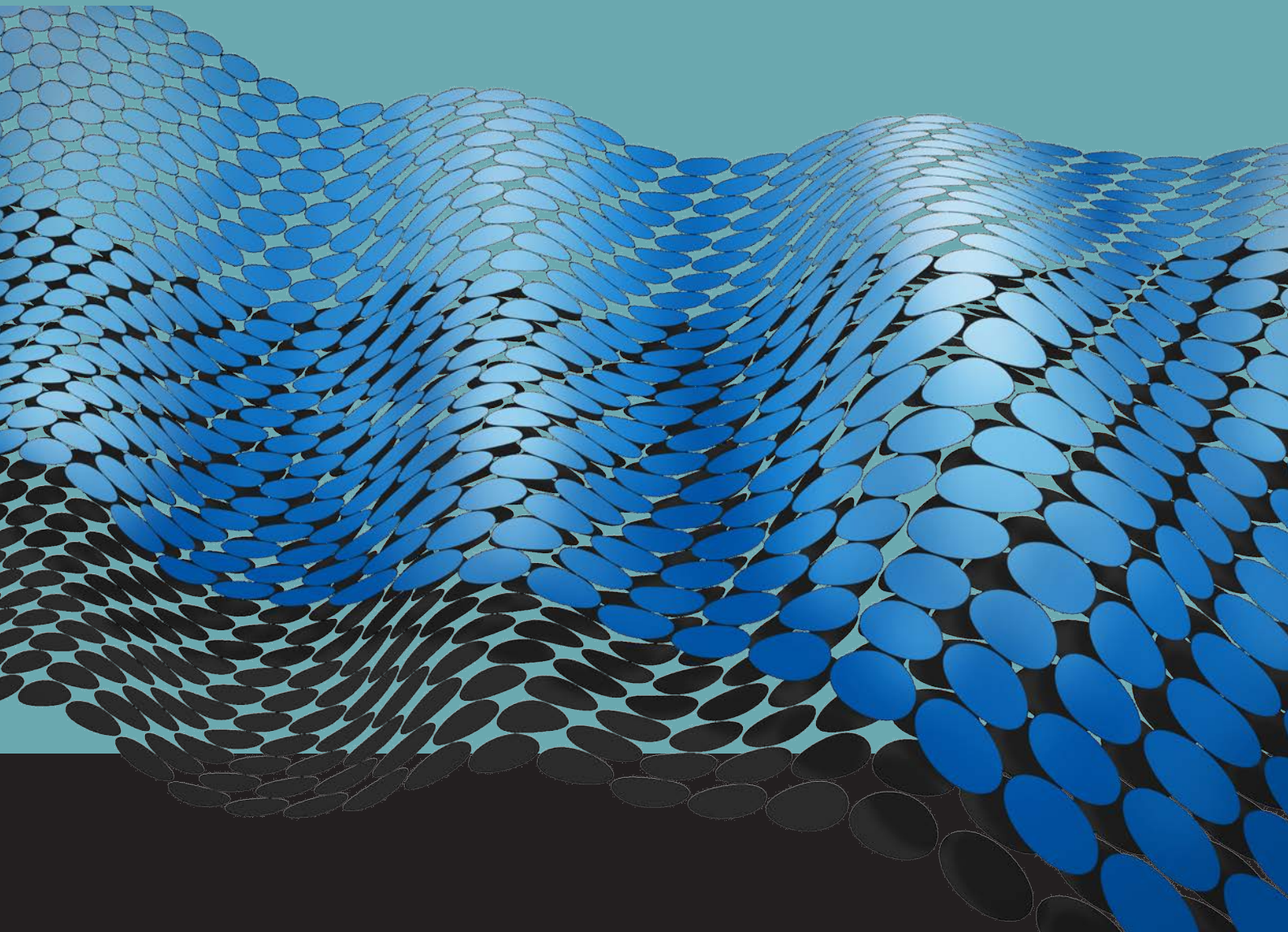


NOVADAN®

Innovators in Cleaning

Innovative **M**EMBRANE CLEANING

customized solutions for **YOUR** production and **YOUR** production flow



During more than 30 years, Novadan has been at the forefront of knowledge, development and cooperation with OEMs in membrane technology. Therefore, we are one of the leaders in cleaning and problem solving solutions of membrane plants used in the manufacture of products within the food, pharma and biotechnology sectors.

Novadan's unique range of products for this segment ensures the customer a solution that at any time brings the plant back to the starting point.

Let Novadan review your production plant. We make a critical review of the process with focus on optimization of resources. Often this will result in a long-term innovative cooperation with gains for both parties.

MEMBRANE CLEANING

Ever since the first membranes were produced, market applications have grown explosively. Today, many different kinds of foods are undergoing a concentration process - with UF, RO, NF and MF membranes.

By virtue of this the requirements for **pH, oxidation and chemical exposure** also tightened, as the least possible impact on the membrane is requested and - at the same time - the longest possible service life and a maximized production flow.

Novadan prepares specific cleaning solutions that are customized for each production plant:

- with optimal respect for the membrane's service life,
- with optimal respect for production load,
- with the ability to get the plant back to square one at any time.

Detergents are typically divided into groups where Novadan has different areas of focus, eg.

- Alkaline products: EDTA, phosphates and pH limits
- Acidic products: Phosphates, nitrate, pH limits
- Enzymatic products: Temperature and impact
- Disinfectants: Temperature and impact.

Novadan continuously works with all operating parameters and the products' impact on the environment and equipment in cooperation with the customer.



**Food
Pharma
Biotec**



Novadan is an innovative Danish production and service company, which was established back in 1980 with a background in the Danish dairy industry. Novadan has its own production and R&D department in Kolding, where a wide range of high-quality cleaning agents, washing powders and disinfectants are manufactured.

Novadan is a supplier of cleaning and hygiene solutions to both the Danish and the international pharmaceutical and food industries, e.g. slaughterhouse, food processing companies, dairies and breweries. In short, Novadan is a competent partner in the solution of any cleaning task.

