

QUALITY PROTECTS.

QUALITY WORKS.

LANXESS
Energizing Chemistry

FIGHT BIOFILM GROWTH – PROTECT YOUR MEMBRANES!

Membranes are particularly susceptible to biofilm formation due to their dense feed spacer channels and the lack of compatibility with oxidizers. This makes it easy for bacteria to adhere and establish biofilms. Once established, biofilms are extremely difficult to clean, making prevention critical.

Biofilm growth on membranes can lead to channel blocking and reduced flow, impacting your operations and efficiency.

Take control of biofilm today

Discover a non-oxidizing, membrane-compatible biocide that effectively targets biofilm without damaging sensitive membranes.

Maintain efficiency, extend membrane life, and reduce operational costs - all while keeping your systems running smoothly.

If you are looking for an efficient way to remove biofouling from your membrane systems, **Aqucar® DB 20** is the ideal choice for membrane system biofouling control.

Aqucar® DB 20 comprises a stabilised formulation of DBNPA (2,2-dibromo-3-nitrilopropionamide).

It has a proven track record in both online and offline operations to control biofouling in reverse osmosis and nanofiltration membrane systems producing water for industrial uses.

KEY BENEFITS OF AQUICAR® DB 20

- Broad-spectrum effective against planktonic gram +/- bacteria, yeast and fungi
- Effectively controls biofouling in reverse osmosis & nanofiltration membrane systems
- Compatible with thin film composite polyamide reverse osmosis & nanofiltration membranes at recommended dosages
- Rapidly biodegradable
- Fast acting
- Non-oxidising
- Cost-effective

X Aqucar®

LANXESS KEY PRODUCTS FOR MEMBRANE CONTROL

LANXESS offers you the full range of biocides for online and offline biofouling control and preservation.

Key offerings, beyond **Aqucar® DB 20** also include, but are not limited to **Kathon® WTE** and **Aqucar® GA 50**.

Choose the package you need. Our technical team is at your service.

Product name	Area of application	Characteristics
Aqucar® DB 20	Industry standard for online dosage	<ul style="list-style-type: none">Reverse osmosis / nanofiltration membrane compatibleHighest speed of actionHighly effective curative biofilm control
Kathon® WTE Kathon® CF 150	Industry standard for membrane preservation	<ul style="list-style-type: none">Reverse osmosis / nanofiltration membrane compatibleBalanced speed and durationEffective alternative for online dosage
Aqucar® GA 50	Under development for online dosage	<ul style="list-style-type: none">Nanofiltration membrane compatible at use rateRapid curative biofilm effect

Table 1: LANXESS microbial control solutions for membranes

Contact

Headquarters

LANXESS Deutschland GmbH
Business Unit: Material Protection Products
Kennedyplatz 1
50569 Cologne, Germany
Phone: +49 221 8885-0
E-Mail: microbial-control@lanxess.com
Website: <https://microbialcontrol.lanxess.com>

We are happy to support your business. Please contact us for additional information.

<https://microbialcontrol.lanxess.com>

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Our technical advice - whether verbal, in writing or by way of trials - is based on the unverified information provided by you to us and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information provided by us - especially that contained in our safety data and technical information sheets - and to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you and / or your customers based on our technical advice are beyond our control and, therefore, entirely your own and / or your customer's responsibility. In addition, our General Conditions of Sale and Delivery apply.

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Use biocides safely. Always read the label and product information before use.