

OXOSANUM®

Uncompromising disinfection of

DRINKING WATER + PROCESS WATER

**Disinfection solutions for
effective elimination of bacteria and
sustainable removal of biofilms
safe on site production**

- chlorine-free disinfection
- germicidal disinfection
effect of 99,9999%
≈ LOG6
- removes/prevents
biofilms
- ready for use 5 minutes
after dissolution in
water
- generates a stable
stock solution
- individual concentration
of the substance
possible
- safely producible
- suitable for very long
storage
- considerable cost
advantages
- quality tested by
accredited laboratory
- Certified by DEKRA: the
requirements according
to §11 of the German
Drinking Water
Ordinance 2001 are
complied with.



OXOSANUM is a precursor which is used for on site (in situ) production of the highly effective biocide chlorine dioxide (ClO₂) for elimination of bacteria. Thus all kinds of microorganisms like pathogenic germs, fungi, viruses, or legionella are effectively destroyed in aqueous solutions. At the same time with the aid of biocide produced from OXOSANUM existing biofilms are removed and new formation of biofilms is sustainably prevented.

The product family of OXOSANUM offers optimised hygiene solutions for drinking water disinfection. The products are also used successfully as additives to water for animal rearing or as disinfectants in many different kinds of aqueous process media for the industry. OXOSANUM products are available as dry mixture, tabs or liquids.



OXOSANUM for disinfection of drinking water + process water

OXOSANUM has been developed for professional users to make the disinfection of drinking water, water for animal rearing or aqueous media with biocides safer and easier. For the first time OXOSANUM as the highly effective biocide chlorine dioxide (ClO₂) can be applied for disinfection in numerous new application areas.

You are looking for a disinfectant? For which area of application?

- disinfection of drinking water according to §11 Drinking Water Ordinance 2001?
- combating legionella by applying shock disinfection?
- emergency disinfection in the case of disasters?
- enhancing the quality of water that is fed to animals for animal husbandry or barn cleaning?
- disinfection of drinking water dispensers within service intervals?
- preparation of smaller quantities of stock solution with different concentrations of substances?
- permanent disinfection of industrial drinking water supply?
- disinfection of aqueous solutions within industrial manufacturing processes?

What requirements for an optimal disinfectant do you have?

- highest germicidal effect – stronger than chlorine or hydrogen peroxide?
- biofilm removal?
- pH-neutral application?
- free of chlorine?
- quick preparation of a ready to use stock solution?
- easier and safer preparation process?
- cost-efficient use?
- very long shelf life of precursors?
- stable stock solution?

We offer you the most optimal OXOSANUM product for preparation of a biocide that meets your requirements best. At the same time we naturally take into account all aspects of the intended use relevant to approval, and your financial environment.

With the aid of each OXOSANUM product you can produce chlorine dioxide directly on site and immediately before using it. The products have an equivalent disinfection effect, as well as their ability to remove existing biofilms and prevent their new formation.

OXOSANUM products are used successfully as

- one or two-component dry mixtures
- tabs with different quantities of active substances
- liquids

OXOSANUM is approved

Certified by DEKRA: "Chlorine dioxide made from OXOSANUM D complies with the requirements of §11 of the German Drinking Water Ordinance 2001".

The requirements according to DIN EN 12671, DVGW: W224, W624, W291 and TRSK 501 are complied with.

OXOSANUM is extremely effective

„In summary, it can be stated that thus produced chlorine dioxide in all cases significantly exceeds the required disinfection effect of LOG₄, and even mainly achieves a sterilising effect of LOG₆." From the report of the Drinking water and hygiene laboratory of the University Medical Center Göttingen, December 2012.

OXOSANUM is registered as a biocide according to the EU directive for the following areas of application:

- N-52830 Private area disinfectants
- N-52828 Drinking water disinfectants
- N-52832 Veterinary hygiene biocidal products
- N-46058 Food and feed area disinfectants
- N-52834 Preservatives for liquid-cooling and processing systems
- N-52836 Slimicides

Please give us your specific requirements and we make you an individual offer without obligation. Or maybe you have questions regarding OXOSANUM?

We are at your disposal for any further information – simply give us a call.

WATER TREATMENT
HYGIENE SOLUTIONS
DOSING SYSTEMS
CONSULTING

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

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