

# PikoDes H2O



PikoDes H2O, a 2-component disinfectant, specially developed for cleaning and disinfecting drinking water systems in professional livestock farming. PikoDes H2O makes your water a safe and extremely valuable nutrient.

## Benefits:

- Removes the biofilm in the water pipe and prevents its formation during permanent use
- Removes iron- and manganese scale in the water pipe
- Suitable for use in the treatment of sulphurous water
- Does not act corrosively on the drinking water system after dosing
- pH-independent (effective at pH 2-10)
- Reacts directly with the cell wall of micro-organisms (bacteria, salmonella, yeasts, fungi and viruses), so that no resistance is built up
- 260% more effective than a disinfectant on the basis of chlorine (sodium hypochlorite, bleach water, active chlorine, etc.)
- Does not form toxic by-products such as THM, HAA, Mutagen X and chlorinated phenols, such as in the use of chlorine
- Does not affect the smell and taste of the water, in contrast to chlorine
- Very easy to use



## Use of PikoDes H2O\*:

Use of PikoDes H2O is only permitted to combat bacteria (excluding bacterial spores and mycobacteria, yeasts and fungi) in drinking water and drinking water systems in animal husbandry\*\*.

Prepare the active substance (chlorine dioxide) by letting precursors PikoDes H2O A (sodium chlorite) and PikoDes H2O B (sodium bisulfate) make a controlled reaction with each other in a suitable dosing installation. Follow the instructions for use of the dosing system.

User instructions: see other side

## Pack size (Liters):

10 | 20 | 2000

\* PikoDes H2O is a biocide. Use PikoDes H2O (and all other biocides) safely. Always read the label and product information before use.

\*\* The product is intended for professional use only

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## Instructions PikoDes H2O\*:

### General:

PikoDes H2O A + PikoDes H2O B may only be used in combination with each other. The product may only be used with appropriate dosing equipment.

The system to be disinfected must first be thoroughly cleaned. Rinse the used detergent well with clean water and then fill the system with PikoDes H2O (working solution).

Add the contents of PikoDes H2O B to PikoDes H2O A and then close the jerry can immediately. Always use respiratory protective equipment

- Always observe 60 minutes of reaction time after which the product is ready for use
- The working solution (A+B) has a shelf life of 30 days if stored in the original packaging in a cool place

### Disinfect drinking water systems in professional animal husbandry:

Dosage: 100ml working solution (=A+B) per 10L water

Reaction time: 60 minutes

Vent the piping system during disinfection. After expiry of the contact time, rinse the pipes vigorously with tap water so that any loose contamination will be removed.

Rinse the piping system with tap water until the chlorine dioxide (ClO<sub>2</sub>) content in the final rinsing water does not exceed the legally permitted standard (0.2 ppm). The ClO<sub>2</sub> content in the rinsing water should be checked with, for example, ClO<sub>2</sub> test strips or by means of a colorimeter.

### Disinfect drinking water systems for animals:

Dosage (continuous): 55ml working solution (= A + B) per 1000L water, such that the amount of ClO<sub>2</sub> in the drinking water at the first tapping point remains below the legally permitted standard (0.2 ppm).

The ClO<sub>2</sub> content in the rinsing water should be checked with, for example, ClO<sub>2</sub> test strips or by means of a colorimeter.

### Beware:

Do not use the product in combination with oral vaccination via drinking water. Stop treatment with PikoDes H2O 24 hours before administration of the vaccine to 24 hours after administration of the vaccine.

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