



DK-DOX[®]

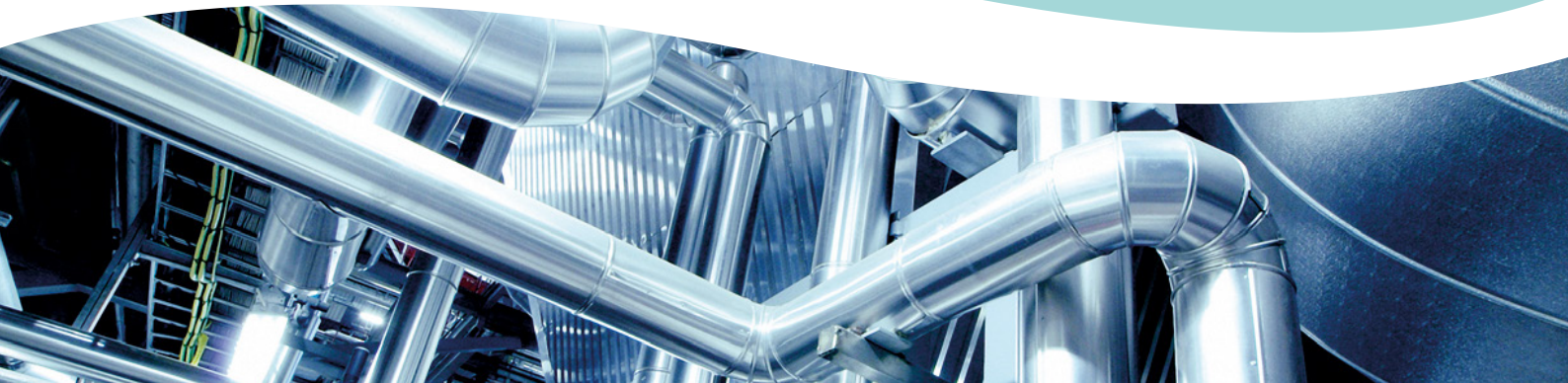
For disinfection of water distribution systems, pipes and vessels.

DK-DOX[®] TUBE

DK-DOX[®] TUBE is a 0.3 % aqueous chlorine dioxide solution, which is generated by manually mixing of two components, the DK-DOX[®] TUBE liquid component 1 and the DK-DOX[®] TUBE solid component 2. Therefore, it is possible to generate chlorine dioxide manually without any installation engineering. The patented DK-DOX[®] method produces a chlorine-0, I-free, pH-neutral and highly stable chlorine dioxide solution.

- **Cleaning and disinfection of water distribution systems (DVGW W 291 and W 557)**
- **Disinfection of ion exchanger and reverse osmosis membranes**
- **Filter disinfection (DIN 19643-2)**
- **Dissolving of biofilms and destroying of algae in process and tap water**
- **Disinfection of recooling plants (VDI 2047-2)**

For professional use.



Product properties

- DK-DOX® TUBE is a strong bactericidal, sporicidal, viricide-acting and algicidal disinfectant.
- Because of its non-specific mode of action, germ adaption is not possible.
- It dissolves the biofilm cohesive extracellular substances. Biofilms e.g. in pipes or containers are thus reduced.

DK-DOX® TUBE is not chlorinating drinking water.

In contrast to other chlorine dioxide products it is a chlorine-0,1-free product. Taste impairment by chlorophenol formation or chloramines are excluded. It is pH-neutral and chloride free. Therefore, membrane degradation and corrosion are minimized.

Use

DK-DOX® TUBE is removed from the can by a suction lance. A dosing pump doses the solution directly into the water proportional to the flow of water or depending on the measured value. The whole dosing system has to be made out of chlorine dioxide resistant materials.

The recommended concentrations can be found on the label.

Production and Storage

The professional association of the gas, district heating and water has no concerns in terms of occupational safety when using the DK-DOX® manufacturing process.

The degradation rate depends on temperature, light, material and sealing of the container.

The solution stored at room temperature is stable for at least 30 days.

Important regulations

Chlorine dioxide is described in the following regulations

DK-DOX® TUBE is produced through the DK-DOX® method, which correlates to the peroxodisulfat chlorite system described in common standards.

DIN EN 12 671 for treatment of water intended for human consumption - Chlorine dioxide.

Ö-NORM M 5879-3 Anforderungen an Chlorungsanlagen zur Wasserbehandlung -Chlordioxidanlagen.

Packaging unit

DK-DOX® TUBE is delivered as two component system composed of component 1 and component 2.

- 5L, 10L, 25L 60L can
- 200L drum
- 1000L IBC

Use DK-DOX® TUBE with care. Read label and product information before use.

Production with license of Dr. Kueke GmbH



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