



# Technical Data Sheet

V 1.0

**BIOCONTROL 5 is a broad-spectrum sanitizing, able to preventing the growth of aerobic and anaerobic bacteria, fungi and algae.**

## BIOCONTROL 5

Sanitizing for cooling water

### FEATURES:

<b>Short contact time</b>	Also effective in cooling systems characterizes by low water retention times in the circuit, where the contact time is short
<b>Against <i>Legionella Pneumophila</i></b>	The biocide content into the product is active, even at low concentration, against <i>Legionella Pneumophila</i> in a pH range 5 ÷ 12
<b>For all applications</b>	BIOCONTROL 5 can remove the silt and algae in heat exchangers and other surfaces
<b>High compatibility</b>	At the recommended concentration, it is compatible with all products normally used for treatment of cooling water

### SPECIFICATION:

Physical-chemical properties	Value
Form	Liquid
Colour	Colourless
Odour	Characteristic
pH (straight)	3,4±0,5
Specific gravity (20°C)	1,00 g/cm <sup>3</sup>
Solubility/Miscibility in water	Soluble

### SANITIZING ACTIVITY:

The sanitizing activity of BIOCONTROL 5 has been performed in according to AFNOR G 07-172.

### ACTIVE INGREDIENTS:

- ✓ Tributyl tetradecyl phosphonium chloride

### APPROVALS:

All actives are EPA registered (Environmental Protection Agency).

### USE:

Use the product at a concentration of 10-300 ppm depending of contact time and type of microbiological system (presence of nutrients, light, temperature). The product should be dosed by shock or in continuous. Can be apply using a dosing time pump.

### COMPATIBILITY:

The product is compatible with all materials compatible with water, including aluminum and galvanized and painted iron.

### PRECAUTIONS FOR USE:

When using in a continuous with a TOWER line product, dose the two products in different injecting point of the system. No contraindication in case of a shock dosage. In order to prevent bacterial habituation phenomena, it is recommended to alternate this product with others ZEP sanitizing product. For more info see MSDS.

*All information in this document is based on our practical experience and/or laboratory tests. Due to the large spectrum of circumstances for usage and unpredictable human factors, we recommend that you always test our products before final usage. This technical data sheet has perhaps already been revised based on legislation, availability of the individual ingredients or newly acquired information. We can send you upon request the latest valid version, which is at the same time the sole valid version.*



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