



# Product Specification Report

1.2/9316/1215

**A broad spectrum sanitizer, effective in the control of microbiological growth in cooling water.**

## BIOCONTROL 20

Sanitizer for cooling water

### FEATURES:

<b>For cooling systems</b>	Also effective in cooling systems characterized by low retention times of the water in the circuit, where the contact time is short.
<b>Sanitizing</b>	The antibacterial component in the formulation is active in inhibiting the development of microorganisms in water.
<b>Also for polluted systems</b>	Removes silt and algae on heat exchangers and other surfaces.
<b>High compatibility</b>	Compatible with all common products used for cooling water treatment that are used at recommended dosages.

### INSTRUCTIONS FOR USE:

Dose at a concentration of between 10 and 300 ppm, depending on contact time and parameters for microbiological growth (presence of nutrients, light, temperature). The product can be dosed continuously, or shock dosing can be applied. The use of a pump with timer is recommended.

### SPECIFICATIONS:

Form ..... Liquid  
 Colour ..... colourless  
 Odour ..... typical  
 Density at 20°C .....  $\pm 1.027 \text{ g / cm}^3$   
 Solubility in water ..... soluble  
 pH at 20°C .....  $6,5 \pm 1,0$

### COMPATIBILITY:

Compatible with all materials that are compatible with water, including galvanized and painted aluminium and iron.

### SANITIZING PROPERTIES:

The sanitizing properties have been tested in accordance with UNI EN 1276: 2011 and UNI EN 1275: 2006 on:

- Pseudomonas aeruginosa
- Escherichia coli
- Staphylococcus aureus
- Enterococcus hirae
- Legionella pneumophila
- Candida albicans
- Aspergillus brasiliensis

### PRECAUTIONS FOR USE:

When used simultaneously with other products from the ZEP TOWER range the products should be dosed at two distant points. There are no contra indications in case of shock-dosing. To prevent resistance of microorganisms to the active ingredient it is recommended to regularly change sanitizing product. For more information, consult the MSDS.

### ACTIVE INGREDIENTS:

Quaternary ammonium polychloride.

*All information in this document is based on our practical experience and/or laboratory tests. Due to the multiplicity of conditions for usage and variable human factors, we recommend that you always test our products for suitability prior to use. At any time, this version of the product specification report may have been revised based on legislation, availability of the individual ingredients or newly acquired information. The current approved version is available upon request.*

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