

# aquatreat<sup>®</sup>

*Fine chemicals for water treatment*

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## aquatreat<sup>®</sup> 411

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Data sheet

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### DESCRIPTION

- AQUATREAT 411 is a liquid broad-spectrum microbiocide, especially developed for bacteriological control of industrial cooling-water systems.
- AQUATREAT 411 contains quaternary ammonium-salts, complex amines, dispersants and wetting-agents.
- AQUATREAT 411 is, due to its particular composition, active as a bactericide and as an algicide at pH-value of 6 to 9 and stays effective in water with high hardness.

### PROPERTIES

|                     |                           |
|---------------------|---------------------------|
| Appearance          | : clear liquid, odourless |
| pH (10 solution)    | : $7,5 \pm 1,0$           |
| Density             | : $0,98 \pm 0,02$         |
| Solubility in water | : infinite                |

### DOSAGE AND CONTROL

The dosage-rate of AQUATREAT 411 depends on different parameters, such as the microbiological contamination, temperature, present nutrients, substances and the desired results. AQUATREAT 411 will be dosed normally at a rate of 10 to 100 ppm, calculated on the volume. AQUATREAT 411 is dosed continuously or discontinuously, depending on the cause of the bacteriological contamination. The result will be evaluated by bacteriological counts. AQUATREAT 411 will be fed as it or as a diluted solution.

For more detailed information, please consult the list of authorised biocides.

### PACKAGING

Polyethylene drums of 22 or 220 litres, containers of 1000 litres.

### HANDLING

AQUATREAT 411 is corrosive. In case of contact, flush with plenty of water. In case of contact with eyes, get medical attention. For additional information, please consult the medical safety data sheet.