

# aquatreat<sup>®</sup>

*Fine chemicals for water treatment*

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## aquatreat<sup>®</sup> 801L

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Data sheet

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### DESCRIPTION

- AQUATREAT 801L is a liquid that can be used to remove hard-scale quickly.
- AQUATREAT 801L is composed of organic acids, dispersants, wetting-agents and corrosion-inhibitors.
- AQUATREAT 801L is designed to clean heat-exchangers, boilers, piping and vessels from scales composed of hardness and corrosion products.
- AQUATREAT 801L can be used in the presence of all metals currently used, except zinc, aluminium and its alloys (in this case AQUATREAT 810L should be used).
- AQUATREAT 801L is less hazardous compared to passivated acids as there are sulphuric and hydrochloric acid.

### PROPERTIES

Appearance	: colourless liquid
Solubility in water	: infinite
pH	: < 3
Density	: 1,06 ± 0,02

### CLEANING PROCEDURE

To clean scaled equipment, AQUATREAT 801L is circulated with an acid-resistant pump through the fouled equipment. If a great part of the scale consists of iron oxide, ordinary salt (sodium chloride), up to half the amount of the product used, is added to the prepared solution. To fasten cleaning, the temperature of the solution is increased to 65° C. When the pH of the solution rises above 3, an amount of AQUATREAT 801L has to be added and circulation is continued until the pH does not rise anymore. This means that all scale has been removed and that the cleaning is completed. After this cleaning, a 2 % NEUTRALCAL solution or caustic soda, or soda-ash is circulated in order to neutralize remained acid and to passivate the metal. The total cleaning time will be 8 hours to a maximum of 24 hours.

### PACKAGING

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

### HANDLING

AQUATREAT 801L is irritating to eyes and skin. Goggles and plastic gloves should be worn. In case of contact with skin or eyes, immediately flush with water. In case of contact with eyes, get medical attention.