

ISO 9001 : 2008

DATA SHEET

aquatreat®

AQUATREAT® 670

- *Consistently superior boiler cleanliness*
- *Improved heat transfer/More energy - efficient operations*
- *Reduced blowdown/Less wasted water and energy*
- *Easy to handle liquid formulation*

PROBLEM DESCRIPTION:

Hardness leakage from external treatment systems and iron and copper corrosion products returning with the condensate are the major deposit-causing contaminants. They must be controlled to inhibit deposit formation on heat-transfer surfaces and prevent tube failures. As feedwater hardness enters the boiler, insoluble hardness sludges are produced. These sludges must be treated to prevent deposition before boiler circulation carries them to the boiler's high-heat- flux zones.

Iron and copper deposits on boiler heat-transfer surfaces also create serious problems. Iron deposits are very porous and may cause under deposit corrosion, reducing boilers efficiency.

DESCRIPTION:

- AQUATREAT 670 is a liquid product, used to prevent corrosion and deposits in the boiler.
- AQUATREAT 670 protects the steam and the condensate lines against corrosion. Also, the product will slowly remove existing deposits during operation.
- AQUATREAT 670 contains polyphosphates, dispersants, oxygen scavengers, alkali, and anti-foaming agents.
- AQUATREAT 670 is approved for use in FDA regulated systems.

PROPERTIES:

- Appearance : white-yellow liquid
- pH: 10,1 ± 1,0

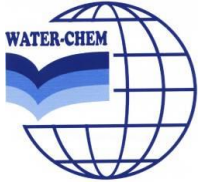
Exclusive distributor of Aquatreat in Vietnam:

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- Density : $1,20 \pm 0,02$
- Solubility in water : infinite

DOSAGE AND CONTROL:

Aquatreat 670 is injected to the boiler with the dosage ranging from 20 to 80 ppm based on the make-up water. AQUATREAT 670 will be injected continuously in a pure or in a diluted form, in the feed- water-line or directly in the boiler. AQUATREAT 670 will be dosed so that the concentration of phosphate ranges only from 40 ppm PO_4 , the concentration of sulphite ranges between 30 and 60 ppm SO_3 , and a positive hydroxyle alkalinity is obtained in the boiler-water. The pH of the condensate must range between 7,5 and 8,5.

PACKAGING:

Polyethylene drums of 24 or 220 kg, containers of 1000 kg.

HANDLING:

AQUATREAT 670 is a reducing agent. Do not store with acids, alkali or oxidizing agents. Do not swallow. In case of contact with skin or eyes, flush with plenty of water. For eyes, get medical attention.

Material Safety Data Sheets containing detailed information of AQUATREAT 670 is available upon request.

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