

S793

TECHNICAL DATA SHEET

NO. 49 FILMING STEAM BOILER COMPOUND

This all-in-one product will protect against scale, rust, pitting and corrosion in steam boilers and steam condensate lines. It contains a blend of film-forming and neutralizing amines to create a hydrophobic film and control condensate pH to protect the entire system. It is ideally suited for food plants and other industrial use.

DIRECTIONS: Use at approximately 1:1000 parts of water in the system. It may be fed continuously by proportioning pumps and may be injected directly into the steam header through stainless steel nozzles.

This product is equipped with a fluorescein tracer dye, which allows for accurate monitoring of concentrations in the feedwater. A factor of 20x is used to determine concentration compared to measured fluorescein, e.g., 20 ppb is equivalent to 400 ppm, 50 ppb is equivalent to 1000 ppm etc.

The amount of product needed will depend on the carbon dioxide content in the condensates. Complete neutralization and protection will be achieved when the condensate pH in all portions of the system is above 9.0. Care should be taken to not overdose or sludge formation may occur.

When checking the pH, test immediately after collecting sample. If the pH is low, increase dosage gradually until a pH of 9.0-9.5 is reached.

FOR COMMERCIAL USE

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Intertek