

# WATER TREATMENT *Solutions*



## **BT-128**<sup>TM</sup> **BT-128 BOILER WATER TREATMENT**



- Prevents scale and sludge and controls corrosion
- Minimizes fuel consumption and prolongs equipment life
- Easy-to-use, no mixing required and easy to test



CARE FOR WORK ENVIRONMENTS<sup>®</sup>

# BT-128™

## BT-128 BOILER WATER TREATMENT

### ALL-IN-ONE TREATMENT

BT-128™ is an all-in-one boiler water treatment for both conditioning of the boiler water and prevention of corrosion in condensate lines. It combines a powerful scale and sludge control agent with oxygen scavengers and neutralizing amine. This unique combination provides corrosion control throughout the boiler system, maximizes the life of your equipment and reduces costly maintenance. BT-128 prevents energy-robbing scale and reduces boiler sludge, minimizing your energy cost.

### SAFE TO USE

BT-128 contains all of the ingredients necessary in one drum-there is no need to mix chemicals making it simple and safer to use. A single pump can be used to feed BT-128 and reduce the need for costly complex feed pumps.

BT-128™ is certified by NSF as G7 and CFIA for use in federally inspected meat and poultry processing plants where the treated water or steam will not contact edible products.

BT-128 uses an easy-to-test product tracer that allows for quick and simple product level determination.

### DIRECTIONS FOR USE

#### Steam Boilers:

Use a sufficient amount of BT-128 to achieve State product indicator test between 70 - 80 ppm, sulfite level of 30 - 60 ppm and condensate pH above 7.5. Product should be added to the feed water tank or condensate receiver directly from the shipping container. No product mixing or dilution needed. If the above product tests are below range, increase product usage.

Perform bottom blowdown at specified periods to remove accumulated solids. System TDS levels are determined by the quality of the available fresh make-up water. Your State Account Manager will review the water conditions of the boiler system and recommend a TDS limit for your system.

BT-128 should be added with a pump and controller similar to the State Chemical boiler controller. For systems with high condensate return and low fresh water make-up requirements, a pump and timer system, such as State Chemical's 24/7™ Feed Pump, can be used.

For best results, it is recommended that the make-up water to the boiler system be softened.

Review the label and SDS on [stateindustrial.com](http://stateindustrial.com) for all product directions, precautions and first aid information.

### TECHNICAL DATA

**APPEARANCE:** opaque, light yellow liquid

**DENSITY:** 8.75 lbs/gal (1.03 kg/L)

**FLASH POINT:** >200°F

**PH (CONCENTRATE):** 10.5

**PRODUCT TEST RANGE:** 66 to 75 ppm

**SULFITE TEST RANGE:** 30 to 60 ppm

**CONDENSATE PH RANGE:** >8.0

### STEAM BOILER CONTROL

**P-ALKALINITY:** 300-500 ppm

**TOTAL ALKALINITY:** 700 ppm max

**NSF CERTIFIED:** G7

**CFIA CERTIFIED:** W2

### PACKAGING

100569	55 GL Drum
20872	20 GL Drum
121304	5 GL Pail



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Mayfield Heights, OH 44124  
To Order Call: 1-866-747-2229  
[www.stateindustrial.com](http://www.stateindustrial.com)

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