

# WATER TREATMENT *Solutions*



## **SUPERHOT™ BOILER TREATMENT**



- Controls corrosion
- Prevents scale and sludge
- Prolongs equipment life
- Minimizes energy costs
- Minimizes water use

**State®**  
Since 1911

CARE FOR WORK ENVIRONMENTS®

# SUPERHOT™ BOILER TREATMENT

## COMPLETE TREATMENT

SuperHot Boiler Treatment utilizes a combination of powerful scale and corrosion inhibitors in conjunction with an oxygen scavenger to provide a complete steam boiler program. This unique combination of polymer-based inhibitors prevents scale and promotes the formation of light, fluffy sludge that can be easily removed from the boiler system through regular bottom blowdown.

## PREVENTATIVE PROTECTION

SuperHot Boiler Treatment prevents energy-robbing scale and reduces sludge, allowing for efficient fuel usage and lower energy costs. The oxygen scavenger in SuperHot Boiler Treatment controls damaging oxygen corrosion common in steam boiler systems. The SuperHot Boiler Treatment corrosion control program protects your boiler system investment by maximizing the life of your equipment.

## CONVENIENT AND EFFICIENT

SuperHot Boiler Treatment is super concentrated, meaning you handle, store and dispose of less empties, greatly reducing freight costs. SuperHot Boiler Treatment can be shipped in 5 gallon or 20 gallon containers, depending on your boiler size.

## DIRECTIONS FOR USE

Use a sufficient amount of SuperHot Boiler Treatment to achieve a sulfite test level of 30 - 60 ppm. For typical applications, the required feed of SuperHot is 6 fluid ounces of product for every 1000 gallons of fresh make-up water added to the boiler. Product should be added to the feed water tank for best results. No product mixing or dilution is needed, however, a day tank dilution system can be used if desired. If the above sulfite test is 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 fresh make-up water available. Your State representative will review the water conditions of the boiler system and recommend a TDS limit for your system.

SuperHot Boiler Treatment 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 the State Chemical 24/7™ Feed Pump, can be used.

**\*Do not mix SuperHot Boiler Treatment with other products.**

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

## Return Line Corrosion:

Use State SuperHot Steam Treatment to control corrosion in condensate return lines and receiver tanks. Follow label directions and maintain condensate pH between 7.5 to 8.0.

*Please review the label and SDS on [StateIndustrial.com](http://StateIndustrial.com) for all product directions, precautions and first aid information.*

## TECHNICAL DATA

**APPEARANCE:** clear, pale yellow

**DENSITY:** 10.9 lbs/gal (1.3 kg/L)

**PH:** 7.0 - 7.5

## PRODUCT TESTING AND CONTROL

**SULFATE TEST RANGE:** 30 - 60 ppm as SO<sub>3</sub>

**HYDROXIDE ALKALINITY:** >200 ppm as OH

**P-ALKALINITY:** 300-500 ppm as CaCO<sub>3</sub>

**TOTAL ALKALINITY:** 700-ppm max as CaCO<sub>3</sub>

## PACKAGING

121454

5 GL Drum

117479

20 GL Drum



### State Industrial Products

5915 Landerbrook Drive  
Mayfield Heights, OH 44124  
To Order Call: 1-866-747-2229  
[www.statechemical.com](http://www.statechemical.com)

### Canada

6935 Davand Drive  
Mississauga, Ontario L5T 1L5  
To Order Call: 1-800-668-6513

### Puerto Rico

Royal Industrial Park, Bldg "M"  
Local #5, Carr 869, km 1.5 Palmas  
Cataño, P.R. 00962  
To Order Call: 787-275-3185

