

*The YES Company!!*



**SUPERCO**  
SPECIALTY  
PRODUCTS

**CT-BOILER (SW)**

**All-In-One Complete  
Steam Boiler Treatment  
Formulated for Soft Water**

- ALL-IN-ONE FORMULA COMPLETE  
STEAM BOILER TREATMENT  
SPECIALLY FORMULATED FOR  
USE IN SYSTEMS WITH SOFTENED  
WATER

**Product # 5189**

**FOR PROFESSIONAL USE ONLY**  
CONSULT LABEL AND MSDS BEFORE USING.

<b>INGREDIENTS</b>	<b>CAS #</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">3</td><td style="text-align: center;">HEALTH</td></tr> <tr><td style="text-align: center;">0</td><td style="text-align: center;">FLAMMABILITY</td></tr> <tr><td style="text-align: center;">0</td><td style="text-align: center;">REACTIVITY</td></tr> <tr><td style="text-align: center;"> </td><td style="text-align: center;">SPECIFIC</td></tr> </table>	3	HEALTH	0	FLAMMABILITY	0	REACTIVITY		SPECIFIC
3	HEALTH									
0	FLAMMABILITY									
0	REACTIVITY									
	SPECIFIC									
SODIUM BISULFITE	7681-57-4									
SODIUM SULFITE	7757-83-7									
POTASSIUM HYDROXIDE	1310-58-3									
N,N-DIETHYLETHANOLAMINE	100-37-8									

**Additional Information**  
**CT-BOILER** Complete Steam Boiler Treatment is a unique product designed to treat all aspects of heating system water to reduce scale and corrosion and increase the cycles of concentration, maximizing the efficiency of the system. **CT-BOILER (SW)** is specifically formulated for use in systems with water softening equipment added. Many boiler treatments require a lot of mixing and monitoring to maintain good balance. **CT-BOILER** takes the trouble and guesswork out of boiler maintenance by providing all the necessary chemicals in one formula. For more information on **SUPERCO's** quality line of water treatment products and the available services, contact your local representative.

**CT-BOILER (SW)**

**All-In-One Complete Boiler Treatment**

**CT-BOILER (SW)** is a multi-functional formula with all the necessary chemicals for a complete boiler treatment in one convenient liquid. It combines hardness control with oxygen scavengers and a volatile amine corrosion inhibitor that travels with the steam to protect steam and condensate plumbing.

**DIRECTIONS FOR USE:**

The dosage of **CT-BOILER (SW)** will depend on the percent of condensate returned, makeup water characteristics and initial cleanliness of heat transfer surfaces. The treatment program must be accompanied by a program of regular blow-down to remove sludge and suspended solids from the boiler.

**CT-BOILER (SW)** may be fed on a "one shot" basis or with an automated continuous system. Gradual and continuous feeding is recommended for industrial process and other large boilers. **CT-BOILER (SW)** may be mixed with other boiler treatment chemicals and diluted with water for convenient feeding. If the boiler water system has not been previously treated, add a starting dosage of twice the amount recommended for weekly dosages for the first four weeks.

**For weekly maintenance:** Add ½ gallon (2 quarts) of **CT-BOILER (SW)** per week for each 25 horsepower of boiler capacity, or 1 gallon for every 125 gallons of boiler water capacity. This use rate may vary due to feed water hardness and differences in a boilers rated horsepower versus the boilers operational horsepower. Control the level of **CT-BOILER (SW)** by maintaining a phosphate level of between 20-50 ppm and sulfite levels of between 30-60 ppm.

**Blowdown:** Open the blow-down valve until the level drop in the sight glass is reached, recommended starting point is 2 inches twice a week. Blow-down schedules will vary depending upon water hardness and permissible cycles of concentration.

**TESTING RECOMMENDATIONS:**

Control Test	Phosphate (PO <sub>4</sub> )
Phosphate Test Range	20 ppm - 50 ppm
Test Kit Recommended	Hach Model # PO-19 (Order # 2248-00)

**USDA AUTHORIZED:** Category G6

**SPECIFICATIONS:**

Form:.....	Liquid
Color:.....	Brown
Clarity:.....	Clear
Odor:.....	Mild
pH:.....	13.00 - 13.50
Flash Point:.....	None
Specific Gravity:.....	9.18 - 9.60 lbs./gal.
Density:.....	1.10 - 1.15 g/cm <sup>3</sup>
Storage Stability:.....	1 Year
Solubility (in water):.....	Complete