

The YES Company!!



CT-BOILER (HW)

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

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

Product # 5190

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

INGREDIENTS
SODIUM HYDROXIDE

CAS NUMBER
1310-73-2

2	HEALTH
0	FLAMMABILITY
0	REACTIVITY
	SPECIFIC

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 (HW)** is specifically formulated for use in systems with hard make-up water. 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 (HW)

All-In-One Complete Boiler Treatment

CT-BOILER (HW) is a multi-functional formula with all the necessary chemicals for a complete boiler treatment in one convenient liquid. It combines alkalinity builders and carbonate cycle scale control with oxygen scavengers, sludge dispersants and volatile amine corrosion inhibitors that travel with the steam to protect steam and condensate plumbing.

DIRECTIONS FOR USE:

The dosage of **CT-BOILER (HW)** 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 (HW) 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 (HW)** 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 (HW)** 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 (HW)** by maintaining a phenol(P) alkalinity level of between 500-700 ppm and sulfite levels of between 30-60 ppm.

Blow-down: 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	Phenol (P) Alkalinity
Phenol Alkalinity Test Range	500 ppm - 700 ppm
Test Kit Recommended	LaMotte Model # WAT-MP-DC (Order # 4533)

USDA AUTHORIZED: Category G6

SPECIFICATIONS:

Form:.....	Liquid
Color:.....	Brown
Clarity:.....	Clear
Odor:.....	Mild
pH:.....	13.00 - 14.00
Flash Point:.....	None
Specific Gravity:.....	9.60 - 10.00 lbs./gal.
Density:.....	1.15 - 1.20 g/cm ³
Storage Stability:.....	1 Year
Solubility (in water):.....	Complete