

# BT-4-11

## Complete Boiler & Condensate



**BT-4-11** is a “non-chromate” polymer dispersant boiler water treatment compound. It is a “one drum” product that has broad practical use and application for steam boiler treatment. It contains polymeric dispersants, organic scale control additives and oxygen scavenger alkalinity builders, corrosion inhibitors, sequestering agents and softeners. It is intended for use in steam boilers up to 150 psi. It is designed to control corrosion and scaling even in systems with high volume and high hardness makeup waters. By preventing scale deposition, it allows higher heat transfer and greater boiler efficiency.

**BT-4-11** contains an oxygen scavenger that chemically reacts with oxygen in feeding and boiler waters preventing harmful corrosion and pitting. The polymer dispersants aid in the formation of a “soft sludge” that is non-adherent for easy removal from the system during blowdown. Also, with extended use and proper levels, older hard scale deposits can be slowly removed on line. Boiler and return condensate waters are maintained at alkaline levels to neutralize the corrosive acid formed. USDA approved for use in food processing operations.

### DIRECTIONS:

For maximum system efficiency, boilers should be opened and acid cleaned to remove all scale, sludge and corrosion products prior to use of this product. If this is not possible, then use product at a rate of 2 gallons for typical steam boilers up to 50 hp. Thereafter, boiler systems will normally require an additional 1-gallon per 400 gallons of makeup water used. Product should be injected into the feed water tank or line proportionately by means of a metered chemical injection pump. Maintain a regular daily blowdown schedule to remove sludge and solids from boilers.

### DANGER:

Contains sodium hydroxide. Corrosive. Causes severe burns. Avoid contact with skin, eyes and mucous membranes. If eye contact occurs, flush immediately with water for 15 minutes while holding lids apart. Consult a physician. If skin contact occurs, remove contaminated clothing. Wash off and rinse thoroughly with clear water. If irritation persists, consult a physician. May be fatal if swallowed. If swallowed, do not induce vomiting. Consult a physician immediately. Avoid contamination of feed and foodstuffs. Apply this product only as specified on container. **KEEP OUT OF REACH OF CHILDREN.**

Container Disposal: Triple rinse container and discard according to local regulations.

### PHYSICAL DATA

Color..... Brown  
Clarity..... Clear  
pH..... 12.9  
Solids..... 22%  
Viscosity..... Slight

Call for Orders, Product Information and Technical Support:

**1-800-830-3423**

### NPCA Hazardous Materials ID System

Health	2
Flammability	0
Reactivity	0
Personal Protection	*

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