

# JMN SPECIALTIES, INC.

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## PRODUCT BULLETIN

### BWT 800

#### Boiler Water Treatment

##### General Description

**BWT 800** is an advanced organic boiler water treatment used to control pH, corrosion, scale and sludge. Typically, 150 ppm of product in boiler water will be effective, but many variables can affect results. Effective for boilers operating up to 800 psi. **BWT 800** effectively disperses sludge containing calcium, magnesium, iron, copper and oils. **BWT 800** is formulated with modern polymeric components that will disperse metal ions and solids while preventing scaling and deposits. **BWT 800** combination of multiple surface-active components fights corrosion on all metals. These conditions are maintained with a low total solids level, avoiding heavy sludge, making blow down of the boiler more efficient.

##### Application

*Initial Dosage:* **BWT 800** is dosed at 1 quart per metric ton boiler water. Allow water to be conditioned for 24 hours then carry out a p-alkalinity test. Adjust dosage as needed to obtain a p-alkalinity of 100-200 ppm. Determine the chloride content at the same time. If it is too high, give the boiler a top to bottom blow down. Normally feed to maintain 20 - 40ppm sodium sulfite in boiler water.

*Daily Dosage:* Adjust the dosage of **BWT 800** as needed. A minimum of ½ quart/day should be dosed to maintain correct treatment levels in conjunction with regular top and bottom blow down. **BWT 800** should be continuously dosed into the feed system through a dosing pump and tank unit. **BWT 800** can be added directly to the feed water through the dosing pump.

##### Properties

Color	Clear Brown Liquid
Specific Gravity (20° C)	1.09 - 1.12
pH (1% Solution)	13.0 - 13.5
Flash Point (PM CC)	None
IMO Code	8-1814-T705

##### Availability

**BWT 800** is available in UN approved 5-gallon pails, 55-gallon drums and bulk quantities.

##### Handling

Keep out of reach of children! Causes severe burns. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove all contaminated clothing upon contact. Wear suitable gloves and face/eye protection. Observe warning labels on containers. Normal precautions for industrial chemicals apply.