

PRINCIPAL USES

This product is a multifunctional, liquid boiler water treatment. It is designed to minimize the number of chemicals fed while providing unsurpassed scale, corrosion, and deposit control in steam boilers. It performs well with either hard or soft water makeup. Use this product in steam boilers or other steam generating equipment up to a maximum operating pressure of 900 psi.

B790 incorporates proven chemical technology to achieve superior scale inhibition and metal passivation. It can clean and remove corrosion and scale deposits from neglected boilers during normal operation without shutting them down for cleaning.

PREPARATION AND FEEDING

Inject B790 directly into the storage section of the deaerator or the boiler feedwater line. Do not mix this product with any other products before feeding into the system. The interruption of chemical feed will result in scale formation in the boiler, decreased efficiency and possible tube failures. Slug feeding provides excellent results if performed on a very consistent basis when no metering pump exists for small to medium sized boilers.

Use chemical feed equipment constructed of stainless steel or plastic for this product. A successful treatment program using B790 should generally include a steam/condensate treatment product and may also require supplemental products.

DOSAGE

The designed feed rate for this product is 800 ppm in the boiler water. Please consult your *Brody Chemical* water treatment specialist before commencing feed. The actual required dosage may vary depending upon operating frequency, feedwater quality and temperature, system loads, and percentage of condensate returned.

PRODUCT BENEFITS

- ◆ Prolongs equipment life; reduces maintenance and replacement costs
- ◆ Provides energy savings by maintaining efficient heat transfer surfaces
- ◆ Inhibits corrosion, scale and deposit formation, reducing resultant tube failures
- ◆ Virtually eliminates the need for harsh boiler chemical or mechanical cleanings

PRODUCT SAFETY INFORMATION

This is an alkaline product that can irritate the skin and eyes and should be handled accordingly. Gloves, goggles and an apron are recommended. Anyone responsible for the procurement, use, or testing of this product should familiarize themselves with the appropriate safety and handling precautions involved. Such information is outlined in the Material Safety Data Sheet. In an emergency, contact *Brody Chemical*, day or night, at (801) 963-2436.

SHIPPING

We package this product in 5-gallon pails containing 48 pounds net weight, 55-gallon drums holding 530 pounds net, or in 275-gallon totes that carry 2640 pounds net. Bulk quantities (1000-5000 gallons) are also available.

FDA

This product complies with FDA regulations pertaining to boiler water additives as specified in FDA CFR Title 21 §173.310.

ADDITIONAL INFORMATION

To obtain any other technical product information or to place an order, call *Brody Chemical* at (801) 963-2436. Alternately, you may e-mail us at orders@brodychemical.com or write us at 6125 W Double Eagle Circle, Salt Lake City, UT 84118.