

PRINCIPAL USES

This product is a multifunctional, liquid condensate and steam treatment. It is designed to minimize the number of chemicals fed while providing unsurpassed corrosion control and acid neutralization in condensate systems. It performs well in systems with both long and short condensate runs. Use this product in all steam boilers or other steam generating equipment.

B510 incorporates proven chemical technology to achieve superior rust inhibition and metal passivation. It can clean and remove corrosion byproducts from neglected systems, but the resulting rusty condensate should be wasted to a drain until it clears up.

PREPARATION AND FEEDING

Inject B510 directly into the steam header, the boiler, 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 corrosion in the condensate lines, leaks and loss of condensate, and decreased efficiency. Slug feeding provides adequate 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 B510 should generally include a good boiler treatment product and may also require supplemental products.

DOSAGE

The designed feed rate for this product is 20 ppm in the steam. Please consult your *Brody Chemical* water treatment specialist before commencing feed. The actual required dosage may vary depending upon operating frequency, feedwater alkalinity, system integrity, and percentage of condensate returned.

PRODUCT BENEFITS

- ◆ Prolongs equipment life; reduces maintenance and replacement costs
- ◆ Provides protection to condensate lines both near to and far from the boiler
- ◆ Allows flexibility in treating boiler and condensate chemistries independently
- ◆ Inhibits corrosion in condensate lines and prevents rust carryover into the feedwater

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 6-gallon pails containing 49 pounds net weight, 55-gallon drums holding 450 pounds net, or in 275-gallon totes that carry 2260 pounds net. Bulk quantities (1000-5000 gallons) are also available.

FDA

This product does not comply with FDA regulations pertaining to boiler water additives as specified in FDA CFR Title 21 §173.310. If steam contacts food in your process, you may want to choose one of our approved products.

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.