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**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 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 40 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.

**USDA / FDA**

B503 complies with USDA Category G6 requirements and with FDA CFR Title 21 §173.310 regulations pertaining to boiler water additives. If steam contacts milk or milk products in your process, do not use this product.

**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](mailto:orders@brodychemical.com) or write us at 6125 W Double Eagle Circle, Salt Lake City, UT 84118.

### 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 provides good general coverage in most condensate systems. Use this product in all steam boilers or other steam generating equipment.

B503 incorporates proven technology to achieve superior neutralization and rust inhibition in high or low pressure systems. 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 B503 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 steel or plastic for this product. A successful treatment program using B503 should generally include a good boiler treatment product and may also require supplemental products.

**DOSAGE**

The designed feed rate for this product is 50 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.

All statements, information, and data given herein are, to the best of our knowledge, accurate and reliable, but may not be complete. Brody Chemical furnishes this information in good faith, and unless specifically stated, without guarantee, warranty, or responsibility, expressed or implied. The user should not assume that all safety measures are indicated or that other measures may not be required.

#### **B503** Condensate Treatment Intermediate Amine