

## **825 "ONE SHOT" BOILER TREAT/CONDENSATE RETURN LINE PROTECTION**

**DESCRIPTION:** 825 is a single package liquid boiler treatment product which contains all the major components required for insuring peak boiler performance and protection. 825 components react with the scale forming and corrosive elements of most waters, and renders them into a conglomerate mass which is expelled during periodic blow-down. Just 1/8 inch of scale on boiler surfaces can reduce heat transfer efficiency by 35%. 825 pays for itself time and again in fuel savings by controlling scale and corrosion, as well as extending the useful service life of the boiler system. 825 also offers labor savings due to it's combination of "pre-balanced" chemicals that are added in "one shot". With traditional treatment procedures, as many as, 4 to 5 separate ingredients must be added to achieve the effectiveness of just "one shot" of 825. 825 contains a steam volatile neutralizing agent which controls the pH of the condensate return line by reacting with corrosive carbonic acid resulting from decomposing carbonate residues within the boiler. 825 provides comprehensive control of all factors within the boiler, and with proper use can keep the boiler operating at peak efficiency for many years.

### **CONTROL PARAMETERS:**

**Ortho Phosphate:** 40-60ppm

**Hydroxide Alkalinity:** 200ppm min.

**Sulfite:** 20-40ppm

**Total Alkalinity:** 400-800ppm, 1000max.

**Condensate:** pH 7.4-8.6

### **USE INFORMATION:**

**Dosage:** 1 pint of 825 per 10ppm of calciumhardness / 1000 gal of make-up water.

**pH:** greater than 10.5

**PRECAUTIONS:** May cause severe chemical burns and irritation to the skin and eyes upon contact. **\*\*AVOID CONTACT\*\*** When handling, wear proper personal protective equipment as indicated by the accompanying OSHA material safety data sheet. If accidental contact is made immediately flush contacted area repeatedly with cool water. If irritation persists call a physician for treatment. If accidental eye contact occurs flush eyes with cool water and seek the immediate attention of a physician. Launder contaminated clothing before re-use. Wash thoroughly after handling.

**FOR INDUSTRIAL & COMMERCIAL USE ONLY!**

**PACKAGE:** 55, 30, 15 gal. drums, 5 gal. pail.

Issue date: 1/17/12