

## **TECHNICAL DATA SHEET**

### **ADENA 2930**

#### **Product #AD2930**

### **BOILER WATER SCALE & CORROSION INHIBITOR**

#### **Description:**

ADENA 2930 is a concentrated "combination cycle" scale and corrosion inhibitor treatment system for steam boilers. It is designed to provide protection from scaling in all types of steam boilers operating at pressures of up to 650 psig where feed water hardness is low to high.

#### **Advantages:**

ADENA 2930 is very effective in controlling boiler oxygen pitting, boiler scaling and fouling. It provides "on line" clean-up of carbonate scale and will disperse iron and other foulants in the boiler drum. ADENA 2930 is a proprietary "combination cycle" boiler water treatment. It is a special blend of organic phosphorous compounds, polymeric scale inhibitors, dispersants, sludge conditioners, alkalinity builders, oxygen scavengers, and in a single easily applied product.

#### **USDA:**

ADENA 2930 contains components that are acceptable for treating boiler or steam lines where the steam produced may contact edible products and/or cooling systems where the treated water may not contact edible products in official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs.

#### **Directions:**

Feed ADENA 2930 to the boiler feed water tank by means of a metering chemical injection pump (slug additions may be made if necessary). It can be pumped directly from the shipping container or may be diluted in a chemical mixing tank prior to injection. Specific dosages will vary depending upon calcium levels and other feed water characteristics. Normal dosage rates will range from 700 to 1400 ppm of boiler water blowdown volume in properly operating systems. Control the product level by maintaining 40 to 80 ppm sulfite, 20 to 40 ppm of filterable (residual) phosphate and OH alkalinity levels between 300-600 ppm in the boiler water.

#### **Danger:**

Contains Potassium Hydroxide. Causes severe burns. Avoid contact with skin, eyes, mucous membranes and clothing. When using this product, PROTECT FACE (especially eyes) by using full face shield or cup-type chemical goggles, AND OTHER PORTIONS OF THE BODY by using rubber gloves, rubber boots and rubber aprons. Use with adequate ventilation. In case of skin contact, remove contaminated clothing. Flush immediately with water for 15 minutes then with vinegar. Call physician immediately. In case of eye contact, flush immediately with water for 15 minutes while holding lids apart. Call physician immediately. May be fatal if swallowed. If swallowed, do not induce vomiting. Drink large quantities of water followed by citrus juice. Call physician immediately. Keep container tightly closed when not in use. NOTE: Do not use this product with any other type of chemical. Do not mix with other chemicals.

#### **KEEP OUT OF REACH OF CHILDREN.**

Container Disposal: Triple rinse container and offer for recycling or disposal according to local regulations.

USDOT PROPER SHIPPING DESCRIPTION: UN3266, Corrosive liquid, basic, inorganic, N.O.S. (contains potassium hydroxide), 8, PG III

CAS Numbers: Water 7732-18-5, Potassium Hydroxide 1310-58-3, Polyphosphates blend, Acrylic polymers and copolymers (Trade Secret), Sodium Sulfite 7757-83-7.

#### **Packaging:**

ADENA 2930 is packaged in 55, 30, 15, and 5-gallon non-returnable drums.