



# BOILER WATER TREATMENT B-100

## DESCRIPTION

B-100 Boiler Water Treatment is a complete multifunctional product for use in steam boiler systems. This product is a balanced blend of alkalinity boosters, sulfite oxygen scavenger, and polymeric organic dispersants. In addition, it contains a neutralizing amine for steamline corrosion inhibition. B-100 will disperse sludge caused by incoming feedwater hardness or iron and control mineral deposition. Boiler system corrosion is prevented by the elimination of oxygen, proper alkalinity control and condensate neutralization. B-100 will maintain boilers clean and efficient.

## APPLICATION

B-100 is intended for use in boilers operating in the low and medium pressure range. This product is ideally suited for systems with a rated capacity up to 150 BHP. For best results, use this product in boiler systems having softened or low hardness feedwater. B-100 is authorized by U.S.D.A. for use in treating boilers where the steam produced may contact edible food products.

## PHYSICAL PROPERTIES

Color.....Colorless to Pale Yellow  
Specific Gravity ..... 1.163  
pH..... 14.0  
Density ..... 9.70 lbs./gal  
Odor .....Slight ammonia

## DOSAGE & FEEDING

Sufficient B-100 should be fed to maintain minimum treatment residuals in the boiler water as recommended by your representative. Normal use range is from 1.5 to 3.0 pounds per 1000 gallons of feedwater. B-100 should be fed proportional to feedwater or system makeup flow.

For best results, feed this product to the feedwater storage tank or feedwater line using a chemical metering pump. B-100 may be mixed in solution with other supplemental boiler treatments. Dilution water should be low hardness and below 100°F.

## HANDLING & PRECAUTIONS

Do not take internally. Do not use in potable water systems. Avoid prolonged contact with skin. If skin and eyes are affected, flush with plenty of fresh water and obtain medical attention. Keep container closed when not in use.

## PACKAGING

B-100 liquid is available in:

5-gallon pails ..... net weight 45 lbs.  
30-gallon drums ..... net weight 285 lbs.  
55-gallon drums ..... net weight 545 lbs.