



Product Data Sheet BOILER SYSTEM TREATMENT BT-4100P

DESCRIPTION

BT-4100P is a liquid formulation of polymeric dispersants and conditioning agents used to inhibit scale and corrosion in boiler water systems. Its complex nature maintains suspended particulates as a large, light floc to ensure removal through normal blowdown.

APPLICATION

BT-4100P is used to control iron deposition in systems where the feedwater iron levels cannot be controlled. Also, it is used to inhibit phosphate deposition and deposition due to hardwater intrusion or makeup to the boiler feedwater system. It is compatible with other boiler water chemicals when used at the recommended level. The product contains a dye which can be used to monitor and control the chemical feed with a suitable controller

PHYSICAL PROPERTIES

Color..... Greenish yellow liquid
Specific Gravity 1.190
Density9.92 lbs./gal.
pH..... 13.5
Odor Slight ammonia

DOSAGE & FEEDING

BT-4100P is fed continuously, using a chemical feeding pump, to the boiler feedwater at 5 to 30 parts per million based on operational parameters and corrosion load. Proper treatment levels should be determined by your Clear Water Technologies Representative.

HANDLING & PRECAUTIONS

BT-4100P is an alkaline formulation and should be handled as such. Do not use in potable water systems. Keep container closed when not in use.

Avoid contact with eyes, skin, and clothing. Flush eyes and skin with large quantities of water in case of contact. Obtain medical attention for eyes. Refer to *Material Safety Data Sheet* for additional safe handling information.

PACKAGING

BT-4100P liquid is available in:
5-gallon pailsnet wt. 45 lbs.
30-gallon drumsnet wt. 295 lbs.
55-gallon drumsnet wt. 560 lbs.