



BOILER SYSTEM TREATMENT B41

DESCRIPTION

B41 is a liquid, catalyzed sodium sulfite-type oxygen scavenger for use in steam and high temperature hot water boilers. Its rate of reaction is 20 to 500 times faster than that of commercial sulfites. Its convenient liquid form eliminates mixing and stirring; and simplifies feeding. This product is an effective reducing agent for all levels of oxygen in all boiler feed waters. It also dechlorinates process waters.

APPLICATION

B41 should be applied as early in the system as possible, following any mechanical deaeration available. The product must be fed continuously to the boiler feedwater or process steam to provide proportional treatment.

PHYSICAL PROPERTIES

Color & Form	Pink liquid
Specific Gravity.....	1.17
Density.....	9.75 lbs/gal
pH.....	7.0
Odor.....	Sulfite

DOSAGE & FEEDING

B41 should be applied at 40 to 42 ppm per ppm of oxygen to be removed, plus enough to result in a control level, or residual, for testing and control of the program. For dilution feeding of B41, use the best available quality water under 100°F. The use of a chemical metering pump to feed neat, directly from the shipping container is preferred.

Since B41 has a neutral pH, it is non-corrosive. It can therefore be fed through a variety of metallurgy's, although polyethylene or stainless steel is always preferable.

HANDLING & PRECAUTIONS

B41 is mildly irritating to skin, eyes, nose and throat. Avoid excessive breathing of vapors. In case of body contact, flush with water. If eyes are affected, flush well with water and obtain medical attention. Keep container closed when not in use.

Suggested in-plant storage is 6 months.

Refer to the Material Safety Data Sheet for additional safe handling information.

PACKAGING

B41 liquid is available in:

5-gallon pails	net wt. 45 lbs
30-gallon drums	net wt. 285 lbs
55-gallon drums	net wt. 550 lbs