



BOILER SYSTEM TREATMENT B40

DESCRIPTION

B40 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; it simplifies feeding. This product is an effective reducing agent for all levels of oxygen in all boiler feed waters. The product is authorized by USDA for use in federally inspected meat and poultry plants.

APPLICATION

B40 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 stream to provide proportional treatment.

PHYSICAL PROPERTIES

Color & Form Dark amber liquid
Specific Gravity..... 1.34
Density..... 11.17 lbs/gal
pH..... 4.8
Odor.....Pungent, sweet

DOSAGE & FEEDING

B40 should be applied at dosages sufficient to insure oxygen removal, plus enough to result in a control level, or residual, for testing and control of the program. For dilution feeding of B40, 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. The feed lines should be corrosion resistant material, such as polyethylene or stainless steel. A stainless steel injector should be used to introduce the neat liquid beyond the internal walls of the vessel or pipe.

HANDLING & PRECAUTIONS

B40 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.

Suggested in-plant storage is 6 months.

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

PACKAGING

B40 liquid is available in:

5-gallon pailsnet wt. 55 lbs
30-gallon drumsnet wt. 330 lbs
55-gallon drumsnet wt. 625 lbs