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SBW-4010

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BOILER INTERNAL TREATMENT

Description

Solid form, low-level phosphate-polymer, chelant & alkalinity builder boiler water treatment for SOFTENED or HARD* water make-up application. Low levels of chelant coupled with polymer will provide for on lime clean up over time.

* < 20 ppm total hardness in feedwater

Function

This is a proprietary boiler water treatment containing scale control agents & alkalinity builder. All components conform to FDA Title 21, Section 173 Boiler Water Additives.

Application/Feedrate

Dosed at 40 ppm, 1 lb of product treats approximately 25,000 lbs of boiler blowdown. 1 case (48 lbs) is equivalent to 30 gallons of a conventional liquid product (approximately 300 lbs). Liquid equivalent comparative values will vary, dependent upon concentration.

Testing & Control

Testing	In Boiler Water
Total Phosphate (PO ₄)*	6 – 12 ppm
p-Alkalinity	250 – 600 ppm
Conductivity	See Manufacturer's Guidelines

*Note: Total Phosphate is used for ease-of-testing. If make-up water contains PO₄, adjust/lower control limits to compensate for this interference.

Product Dissolving Data

See graph at right.

Maximum Solubility @ 80° F: **9.9%**

Feeding

Suggested use with SolvUltima™ mixing boards:

All Solv-all™ boards; Hydro Solv-Ultima™ series.

Packaging/Storage/Handling

Available in:

- Gallon containers – 1 case of 4 @ 44 lbs/case

Follow MSDS. Properly stored product will remain effective for 24-36 months. Store in cool, dry area.

