

TRIDENT BOILERPRO S

Soft Water Boiler Treatment

Form: Liquid
Color: Brown
Odor: Characteristic
pH: 13.00 – 14.00
Solubility (in water): Soluble
(in mineral spirits): Insoluble
VOC Content (% by weight): N/D
Flash Point (ASTM D-7821): None
Specific Gravity: 1.07 g/cm³
Density: 8.93 lbs/gal
Storage Stability (at 70°F): 1 year

<u>Ingredients</u>	<u>C.A.S. #</u>
Water.....	7732-18-5
Tetrapotassium Pyrophosphate.....	7320-34-5
Potassium Hydroxide.....	1310-58-3
Polyacrylate Scale Inhibitor..	No CAS Number
Sodium Lignosulfonate.....	68131-31-7

Control Parameters:

- **Treatment dosages should be controlled using a test kit which indicates hydroxide (OH) alkalinity levels.**
- **Hydroxide (OH) levels should be maintained between 150ppm and 250ppm.**
- **This treatment program must be accompanied by a regular blowdown schedule to maintain suggested chloride (Cl) or conductivity levels.**

DIRECTIONS: The dosage of TRIDENT BIOLERPRO S will depend on the percent of condensate returned, makeup water characteristics and initial cleanliness of heat transfer surfaces. The treatment program must be accompanied by a program of regular blowdown to remove sludge and suspended solids from the boiler. TRIDENT BOILERPRO S may be fed on a “one shot” basis or with an automated continuous system. Gradual and continuous feeding is recommended for industrial processes and other large boilers. TRIDENT BOILERPRO S may be mixed with other boiler treatment chemicals, especially a steam line treatment and oxygen scavengers where needed, and diluted with water for convenient feeding. If the boiler water system has not been previously treated, add a starting dosage or twice the amount recommended for weekly dosages for the first four weeks.

For weekly maintenance: Add ½ gallon (2 quarts) of TRIDENT BOILERPRO S per week for each 25 horsepower of boiler capacity, or 1 gallon for every 125 gallons of boiler water capacity. This use rate may vary due to feedwater hardness and differences in a boiler’s rated horsepower versus the boiler’s operational horsepower.

Blowdown: Open the blowdown valve until the level drop in the sight glass is reached. Recommended starting point is 2 inches twice a week. Blowdown schedules will vary depending upon water hardness and permissible cycles of concentration.

HMIS				NFPA	
		Severe	4	Extreme	
Health	2	Serious	3	High	Health..... 2
Flammability.....	0	Moderate	2	Moderate	Flammability..... 0
Reactivity.....	0	Slight	1	Slight	Reactivity..... 0
Personal Protection	X	Minimal	0	Insignificant	Special Precautions.....None