

TRIDENT BOILERPRO S PLUS

Soft Water Boiler Treatment

Form: Liquid
Color: Brown
Odor: Slight Ammonia
pH: 13.00 – 14.00
Solubility (in water): Soluble
(in mineral spirits): Insoluble
VOC Content (% by weight): 10.0%
Flash Point (ASTM D-7821): None
Specific Gravity: 1.12 g/cm³
Density: 9.35 lbs/gal
Storage Stability (at 70°F): 1 year

Control Parameters...

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

<u>Ingredients</u>	<u>C.A.S. #</u>
Water.....	7732-18-5
Potassium Hydroxide.....	1310-58-3
Polyacrylate Scale Inhibitor	No CAS Number
Diethylethanolamine.....	100-37-8
Tetrapotassium Pyrophosphate.....	7320-34-5

DIRECTIONS: The dosage of TRIDENT BOILERPRO S PLUS 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 PLUS may be fed on a “one shot” basis or with an automated continuous system. Gradual and continuous feeding is recommended for industrial process and other large boilers. TRIDENT BOILERPRO S PLUS may be mixed with other boiler treatment chemicals and diluted with water for convenient feeding. If the boiler water system has not been previously treated, add a starting dosage of twice the amount recommended for weekly dosages for the first four weeks.

For weekly maintenance: Add ½ gallon (2 quarts) of TRIDENT BOILERPRO S PLUS 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 boilers rated horsepower versus the boilers 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	Serious	3	High	Health.....	2
Flammability.....	Moderate	2	Moderate	Flammability.....	0
Reactivity.....	Slight	1	Slight	Reactivity.....	0
Personal Protection.....	Minimal	0	Insignificant	Special Precautions.....	None