

TRIDENT BOILERPRO H PLUS

Hard Water Boiler Treatment

Form: Liquid

Color: Gold

Odor: Mild

pH: 13.00 - 14.00

Solubility (in water): Soluble
(in mineral spirits): Insoluble

VOC Content (% by weight): 5.0 – 10.0 %

Flash Point (ASTM D-7821): None

Specific Gravity: 1.16 g/cm³

Density: 9.68 lbs/gal

Storage Stability (at 70°F): 1 year

Ingredients

CAS #

Water.....	7732-18-5
Sodium Sulfite	7757-83-7
Sodium Hydroxide.....	1310-73-2
Potassium Carbonate.....	584-08-7
Diethylethanolamine	100-37-8

Control Parameters:

- Phenol(P) alkalinity levels should be maintained between 500 ppm and 700 ppm.
- Sulfite levels should be maintained between 20 ppm and 40 ppm.
- This treatment program must be accompanied by a regular blowdown schedule to maintain suggested chloride (CL) or conductivity levels.

DIRECTIONS: The dosage of TRIDENT BOILERPRO H 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 H PLUS may be fed on a “one shot” basis or with an automated continuous system. Gradual and continuous feeding is recommended for large or industrial process boilers. TRIDENT BOILERPRO H 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 H PLUS per week for each 25 horsepower of boiler 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	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