

S751

No. 125 BOILER CLEANING COMPOUND

This product is a fully inhibited boiler cleaning compound and descaler for closed loops (chilled and hot), ideally suited for small domestic hot water boilers. It is formulated with organic acid that slowly dissolves mineral scale and metal oxides, to prevent blockages in narrow valves and micro-tubing that occur with aggressive descaling using strong mineral acids. It is safe to use on steel, cast iron, brass and copper. The non-foaming surfactants capture greasy soil and the inhibitor package reduces metal corrosion.

DIRECTIONS:

Blow down and drain the boiler system if possible. Flush the boiler system completely with fresh water to remove all sludge, contaminants and boiler water treatment chemicals. Charge the boiler system with this compound at a final dilution of 1 part to 5 - 10 parts of water. This will give a pH of 1.9 – 2.1, which is effective for mineral scale removal without being overly corrosive to metals.

Circulate the diluted compound in the boiler system for up to 12 hours. Most descaling will occur in the first few hours. Best cleaning and descaling occurs with warm-hot water temperatures of 160°C or greater. As the acid is neutralized and depleted by attacking hard water scale and oxides, the pH of the system will increase. Add more compound to keep the pH below 2.2 for effective scale and oxide removal. Once descaling is completed, use an alkaline booster to bring the effluent water to pH 5.5 – 8.5 for discharge. Flush the boiler system with fresh cold water. Recharge the boiler system with fresh water and new boiler water treatment chemicals.

FOR COMMERCIAL USE

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**Intertek****TECHNICAL DATA SHEET**