

TECHNICAL DATA REPORT

HS 7180

PROTECTO 7180 Alkalinity Booster

DESCRIPTION:

PROTECTO 7180 is a slightly viscous clear liquid without odour.

PURPOSE:

PROTECTO 7180 is used in boilers where the natural alkalinity of the feed water is too low to raise the "P" alkalinity to a value of 500 ppm.

HOW TO USE:

Add PROTECTO 7180 at a rate of 1 litre per 2000 litre make-up water. Adjust when tests show that the "P" alkalinity is in the range of 300 to 500 ppm. In general, feed water with a "M" alkalinity of less than 50 ppm need PROTECTO 7180 to boost the alkalinity. The amount of PROTECTO 7180 to be added to the boiler feed water will vary with the cycles of concentration and the "M" alkalinity of the feed water. The amount of PROTECTO 7180 used should not be used in excess of that required for its functional purpose when this product is used in Federally inspected Food Plants when the steam comes into direct contact with food.

MAIN USERS:

Industrial buildings, hotels, motels, dairies, breweries, meat packing plants, poultry plants and other food processing plants of all kinds.

ADVANTAGES:

- 1) Prevents corrosion.
- 2) Compatible with other PROTECTO products.
- 3) Ready to use.
- 4) Reduces iron pick-up.
- 5) Chemically stable.
- 6) Keeps sludge liquid.
- 7) Restores heat transfer.
- 8) Approved for Food Plant Use, file # P216 w1.

PRECAUTIONS:

EXTERNAL: If splashed in eyes or on skin flush thoroughly with water for 15 minutes, then cover with moistened sodium bicarbonate. **GET MEDICAL ATTENTION IMMEDIATELY.** If splashed on clothing remove and wash them immediately.

INTERNAL: If swallowed, give solution of milk and sodium bicarbonate, milk of magnesia or egg whites beaten with water or three to four glasses of milk. **DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.**

Read Material Safety Data Sheet.

SPECIFICATIONS:

Physical form	Clear liquid
Density at 25°C	1.54
Active ingredients	Minimal 50%
pH (1% solution)	13.5 - 14
Freezing point	14°C
Solubility	Complete in hard or soft water