

TECHNICAL DATA REPORT

HS 7061

PROTECTO 7061 Scale and Sludge Conditioner for Steam Boilers

DESCRIPTION:

Strongly alkaline liquid boiler treatment for hardness and alkalinity control, dispersing boiler water sludge and prevent foaming. PROTECTO 7061 should be used with other PROTECTO products for a complete boiler water treatment.

PURPOSE:

To provide superior scale protection and disperse sludge formed in boilers operating with moderate or high hardness feedwater.

HOW TO USE:

Nominal dosage is 0.5 L **PROTECTO 7061** per 1000 L. make-up water for deposit control. Severity and type of hardness will govern individual applications. There will be instances where higher individual dosages may be safely recommended for rapid removal of difficult deposits. Maintain enough **PROTECTO 7061** to keep Total Dissolved Solids below 3000 ppm and "P" Alkalinity in the 300 - 500 ppm range.

MAIN USERS:

Industrial buildings, refineries, pulp and paper industries, textile industry, dairies, breweries, meat packing plants, poultry plants and other food processing plants of all kinds.

ADVANTAGES:

- 1) Prevents scale and sludge.
- 2) Chromate free; very low toxicity.
- 3) Chemically stable; non corrosive.
- 4) Biodegradable.
- 5) Liquid form, instantly soluble.
- 6) Restores heat transfer.
- 7) Approved for Food Plant Use, file # P216 w2.

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	1.10
pH (1% solution)	10.2 - 11.0
Freezing point	-5°C
Solubility	Complete in hard or soft water
Biodegradable	Yes