

# TECHNICAL DATA REPORT

HS 7250

## PROTECTO 7250 Catalysed Oxygen Scavenger

### DESCRIPTION:

Cobalt catalysed sulphite effective in chemically removing oxygen from boiler feedwater.

### PURPOSE:

To prevent oxygen pitting in feedwater systems and in the boiler.

### HOW TO USE:

Use sufficient **PROTECTO 7250** to maintain sulphite residual of 30 to 50 ppm. In systems with deaerators or high condensate return consumption of **PROTECTO 7250** will be much less than in systems with high make-up rates or low feed water temperatures. The ultimate dosage required is dependent upon the oxygen content of the feedwater, the temperature of the feedwater and the amount of condensate return. In general for a 100 HP boiler, with 50% condensate return and feedwater of 60°C, operating 24 hrs per day, 4 to 5 litres per day are needed. Exact dosage is determined by testing for sulphite residual.

For wet storage of boilers, sulphite residual should be 200 ppm.

### MAIN USERS:

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

### ADVANTAGES:

- 1) Prevents pitting.
- 2) Compatible with other **PROTECTO** products.
- 3) Ready to use.
- 4) Reduces deposits.
- 5) Chemically stable.
- 6) Safe to store.
- 7) Restores heat transfer
- 8) Approved for Food Plant Use, file # P216 w1.

### PRECAUTIONS:

Avoid contact with eyes, contains mildly alkaline ingredients. In case of contact with eyes, flush for 15 minutes with water and get medical attention. Can cause skin irritation, wear rubber gloves when handling undiluted material. Keep out of reach of children.

Read Material Safety Data Sheet.

### SPECIFICATIONS:

Physical form	Clear liquid
Density at 25°C	1.14
pH (concentrate)	8.8 - 9.2
Freezing point	-7°C
Foaming	Non foaming
Solubility	Complete in hard or soft water
Biodegradable	Yes