

TECHNICAL DATA REPORT

HS 7300

PROTECTO 7300 Catalysed Oxygen Scavenger

DESCRIPTION:

Blue powder composed of cobalt catalysed sulfite 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 7300** to maintain sulfite residual of 30 to 50 ppm. In systems with deaerators or high condensate return consumption of **PROTECTO 7300** 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, 2 to 2½ kg per day are needed. Exact dosage is determined by testing for sulfite residual.

For wet storage of boilers, sulfite 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) Restores heat transfer.
- 7) 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	Blue powder
Solubility at 25°C	10%
Sulfite contents	97% minimal
pH (10% solution)	8.8 - 9.2
Foaming	Non foaming
Biodegradable	Yes