

# TECHNICAL DATA REPORT

HS 7700

## **PROTECTO 7700** **Corrosion Inhibitor for Cooling Water** **Circulating Systems with a Capacity of over** **1000 Tons**

**DESCRIPTION:**

Clear liquid blend of low-molecular weight polymers, phosphonates, dispersants and corrosion inhibitors.

**PURPOSE:**

**PROTECTO 7700** is designed to provide superior anti-scale protection, corrosion inhibition for multi metals and disperse sludge formed in once-through or high tonnage circulating cooling water systems.

**HOW TO USE:**

Nominal dosage is 5 to 15 ppm **PROTECTO 7700** in once-through systems. Open circulating systems require that 10 to 50 ppm **PROTECTO 7700** be maintained in the circulating water for deposit control. Severity and type of foulant will govern individual applications. There will be instances where higher individual dosages may be safely recommended for rapid removal of difficult deposits.

**MAIN USERS:**

Industrial buildings, hotels, motels, 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) Inhibited for multi-metal systems.
- 5) Biodegradable.
- 6) Liquid form, instantly soluble.
- 7) Restores heat transfer

**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	1.10
pH (concentrate)	8.5 - 10.0
Freezing point	-5°C
Foaming	Very low
Solubility	Complete in hard or soft water
Biodegradable	Yes