

TECHNICAL DATA REPORT

HS 7481

PROTECTO 7481 Polymeric, Cationic Microbicide

DESCRIPTION:

PROTECTO 7481 is a light brown, non-foaming liquid concentrate with a slightly sweet odour.

PURPOSE:

PROTECTO 7481 is especially effective in controlling the growth of algae, bacteria, and fungi in recirculating cooling water systems and the growth of slime forming bacteria and fungi in heat exchangers. PROTECTO 7481 is also effective in controlling the growth of algae in swimming pools, holding ponds, and reservoirs and the growth of bacteria and fungi in holding and processing tanks of industrial fresh water systems.

HOW TO USE:

1) COOLING TOWER SYSTEMS: Prior to use in water cooling towers, systems should be cleaned to remove organic, inorganic and microbiological deposits.

Initial Dose: Apply an initial slug addition of 210 to 525 ml of **PROTECTO 7481** per 10,000 L. of water in the system. Repeat this initial dose until control is evident.

Subsequent dose: Subsequent slug additions of 60 to 525 ml of **PROTECTO 7481** per 10,000 litres of water should be added every 2 to 5 days or as needed. The frequency of addition will depend on the relative amount of bleedoff and the severity of the microbiological problem.

2) INDUSTRIAL AIR WASHING SYSTEMS: Prior to use in air washers, systems should be cleaned to remove organic, inorganic and microbiological deposits.

Initial Dose: Apply an initial slug addition of 75 to 120 ml of **PROTECTO 7481** per 1000 L. of water in the system, added to the sump of the system or the water collecting trays. Repeat this initial dose until control is evident.

Subsequent dose: Subsequent slug additions of 55 to 120 ml of **PROTECTO 7481** per 1000 litres of water should be added every 1 to 5 days or as needed. The frequency of addition will depend on the relative amount of bleedoff and the severity of the microbiological problem. For use only in systems equipped with effective mist eliminating components.

MAIN USERS:

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

ADVANTAGES:

- 1) Effective over a broad pH range.
- 2) Synergism with oxidizing microbicides.
- 3) Very low odour and toxicity in usage.
- 4) Chloride free; suitable for stainless steel.
- 5) Non foaming.
- 6) Biodegradable.
- 7) Liquid form, instantly soluble.
- 8) Extremely effective against algae.
- 9) Registered in Canada under P.C.P. number 22961.

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PRECAUTIONS:

PROTECTO 7481 is not a controlled substance under W.H.M.I.S. legislation. Read Material Safety Data Sheet.

SPECIFICATIONS:

Appearance Light brown liquid
Odour Slight sweet
pH 6 - 8
Foaming Non-foaming
Biodegradable Yes