

TECHNICAL DATA REPORT

HS 7461

PROTECTO 7461 Cooling Tower Biocide

DESCRIPTION:

Concentrated broad spectrum biocide, composed of two organosulphur compounds designed to control algae and bacteria in recirculating commercial and industrial cooling water systems.

PURPOSE:

PROTECTO 7461 will control bacteria and algae when used as according to instructions. Unlike other products, it will penetrate slime masses that protect the bacterial film on structures in cooling towers.

HOW TO USE:

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 375 to 750 ml of **PROTECTO 7461** per 10,000 L. of water in the system. Repeat this initial dose until control is evident.
Subsequent dose: Subsequent slug additions of 150 to 750 ml 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.

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) Penetrates biomass.
- 2) Very low toxicity in usage.
- 3) Chloride free; suitable for stainless steel.
- 4) Non foaming.
- 5) Biodegradable.
- 6) Extremely effective against algae.
- 7) Registered under P.C.P. number 22963.

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.
DISPOSAL: Rinse the emptied container thoroughly and add the rinsings to the treatment site.
Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.
Read Material Safety Data Sheet.

SPECIFICATIONS:

Physical form	Liquid
Colour	Reddish orange liquid
pH (Concentrate)	8.5 - 10.0
Specific gravity	1.07