

For use in cooling towers, evaporative condensers and evaporative coolers.

- Prevents algae and slime bacteria from growing
- Convenient and safe to use
- Removes existing biological growths
- Effective over wide pH range
- Many times more effective than chlorine alone
- Safer on system materials of construction
- EPA Registered for cooling water systems

Description

No. 90 Bromicide is a chlorine/bromine-donating organic compound in tablet form. This product, when dissolved in water, slowly releases powerful oxidizing hypohalous acids which are highly effective in preventing algae and slime bacteria fouling in open recirculating cooling water systems. No. 90 Bromicide also has the capability of breaking up and removing existing biological masses from system surfaces.

Application

Algae are microscopic plants that grow rapidly in open recirculating water systems. Stimulated by sunlight, warm water, and nutrients of airborne or process origin, algae can form thick, slimy accumulations.

In recirculating cooling systems, these free-floating growths are carried to heat exchangers where they become lodged and act as binders for sludge and suspended matter. In addition, algae promote deposition of efficiency-robbing bacterial slime because they provide the organic material necessary for bacterial growth. Typical consequences of unchecked algae and bacterial deposits include reduced heat transfer efficiency, high head pressures, fouled equipment, and increased power and service costs. Proper treatment with No. 90 Bromicide aids in maintaining design capacity of equipment by keeping it free of algae and slime growths.

Feed Requirements

The frequency and amount of No. 90 Bromicide required to control algae and slime depend on the type and amount of microorganisms present, plus other system variables

Water Treatment Products

No. 90 Bromicide Tablets



such as pH, temperature and degree of contamination. Initial and subsequent dosage, therefore, may be different for each system. Place tablets in the feeding bag provided and suspend in water at least 2 inches above bottom of sump in area where circulation is good. Initial Dosage: When the system is noticeably fouled, apply 5-15 pellets (0.2-0.6 lbs.) of No. 90 Bromicide per 1000 gallons of water in system. Repeat until control is achieved, or until one ppm halogen residual is established for at least one hour. Subsequent Dosage: Thereafter, when microbial control is evident, add 3 to 8 tablets (0.1-0.3 lbs.) Of No. 90 Bromicide per 1000 gallons of water in the system until a free available halogen residual of 0.1-0.2 ppm is achieved.

Packaging

50 lb. pail 4109-M9

Physical and Chemical Hazards

Strong oxidizing agent. Mix only with water. Use clean, dry utensils and equipment. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with generation of heat, hazardous gases and possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. If necessary, flood with large volumes of water.

Read and understand the product's label and Material Safety Data Sheet ("MSDS") for precautionary and first aid information. The MSDS is available on the Nu-Calgon website at www.nucalgon.com or is returnable by U.S. Mail upon request.