Basic Guidelines: This product is UV light sensitive, and may be applied at nighttime in most systems if excessive exposure may be a limiting factor. As a general rule, the total bromine level should be checked with a chlorine or bromine test kit at the bleed-off point furthest from the point of injection.

Initial dose: When the system is noticeably fouled, a precleaning may be necessary. Then apply sufficient BromMax to achieve 2.4-1.5 ppm total bromine (1-6.6 ppm as chlorine) or as needed to maintain biofilm or microbial control. 

Subsequent doses: This product may be added using continuous or intermittent dosing. When using intermittent dosing, control methods may obtain adequate control at total bromine levels as low as 0.4 ppm. Adjust levels of total bromine accordingly to maintain desired control. BromMax at a dosage of two fluid ounces per 1000 gallons of water gives a residual of approximately 5.1 ppm of total bromine.

INDUSTRIAL & COMMERCIAL RECYCLING COOLING WATER, HEAT TRANSFER AND ONCE-THROUGH WATER SYSTEMS, AND PASTEURIZERS: BromMax should be applied directly to the cooling water at an entry point in the system where optimal mixing will occur. It should be applied to the system at a point of uniform mixing such as a basin, area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system. BromMax may be added to a single slug dose basis to the cooling water to provide a total bromine level of 1.0-1.5 ppm. Note that adequate algicidal control may require occasional intermittent slug dosing at a minimum 3-6 ppm as total bromine. Some systems may be maintained in a satisfactory biological condition by applying this dosage once per day while others will respond better to dosages more or less than once per day. For continuous dosing, feed product at a rate that maintains adequate control (1-3 ppm as total bromine).

COOLING TOWNS, LINED RESERVOIRS AND DECORATIVE FOUNTAINS: BromMax may be applied at the lined reservoir, pond, or fountain inlet or at a location that permits complete diffusion into the water at maximum retention time before reaching the outlet. Sufficient BromMax should be fed to maintain a total bromine level of 1.0-1.5 ppm in all parts of the reservoir, pond (two fluid ounces per 1000 gallons of water yields 5.1 ppm total bromine).

AIR WASHERS (This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.). For control of microorganisms in industrial air washers, add sufficient BromMax to the air washer sump or chilled water to provide a total bromine of 1.0-9.9 ppm throughout the system. The total bromine level should be checked with a chlorine or bromine test kit and additional product should be applied until a sufficient residual as total bromine is obtained at the bleed-off point. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day while others will respond better to dosages more or less than once per day.

SHELL EGG PASTEURIZER WATER SYSTEMS: For control of bacteria and associated slime in shell egg pasteurizer water systems add 1-3 ounces of BromMax per 1000 gallons of system water to achieve control. To maintain control add sufficient BromMax to maintain 2.5-7.0 ppm total bromine (two fluid ounces per 1000 gallons of water yields 5.1 ppm total bromine).

FOR PULP & PAPER MILL INFLUENT WATER SYSTEMS: (not for use in California) BromMax should be applied to the raw water intake prior to the filtration system. Feed at a dosage sufficient to provide a total bromine level of 1-0.9 ppm. BromMax at a dosage of two fluid ounces per 1000 gallons of water gives a residual of approximately 5.1 ppm of total bromine, but a different dosage may be required to provide adequate control throughout the system. Some systems may be maintained in satisfactory biological condition by applying this dosage intermittently while others may require a continuous application. BromMax may be used in pulp and paper influent water systems where the manufactured paper or paperboard may be used for food contact purposes.

FOR PULP & PAPER MILL PROCESS WATER SYSTEMS: (not for use in California) BromMax should be added to a paper making system at a point of uniform mixing such as the breaker box, chest, or pump, saving bromine as much as possible. Feed at a dosage sufficient to provide a total bromine level of 1.5-9.0 ppm. BromMax at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 5.1 ppm of total bromine, but a different dosage may be required to provide a adequate control throughout the system. Some systems may be maintained in satisfactory biological condition by applying this dosage intermittently while others may require a continuous application. BromMax may be used in pulp and paper mill process water systems where the manufactured paper or paperboard may be used for food contact purposes.