DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

NOTE: Reputain D20 Antimicrobial must be added separately to systems. Do not mix it with other additives; the high pH of many additive formulations will cause deterioration of the product.

COOLING WATER SYSTEMS: Reputain D20 Antimicrobial is used to control the growth of algae, fungi, and bacteria in commercial and industrial recirculating cooling water systems. If the system is badly fouled, it is recommended that before treatment with Reputain D20 Antimicrobial is begun, the system should be cleaned thoroughly, drained, flushed, and refilled with fresh water. Reputain D20 Antimicrobial should then be added to the water cooling tower water (sweep across inner tubes) or to the feed water, if the feed water system is used. If "shock" treatment (0-48 hours after treatment) is used, then: 1) treat initially at 0.05 ppm Reputain D20 Antimicrobial per 1000 gal water (0.0005 gal Reputain D20 Antimicrobial per cubic meter water) and then treat every 2 days, or as needed to maintain control, with 0.08 ppm Reputain D20 Antimicrobial per 1000 gal water (0.0008 gal Reputain D20 Antimicrobial per cubic meter water) or 2) treat the system daily, or as needed to maintain control, with 0.095 ppm Reputain D20 Antimicrobial per 1000 gal water (0.00095 gal Reputain D20 Antimicrobial per cubic meter water). If these wastes cannot be recycled, consider incineration, or in a sanitary landfill, or, if possible, treat Reputain D20 Antimicrobial to the waste system without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse container (or equivalent) after each use. Drain rinse water to sewer systems. FOR CONTROL OF BACTERIA: If intermittent or slug dose treatment is used, add an initial dose of 48 - 95 mL Reputain D20 Antimicrobial per cubic meter water (0.068 - 0.095 gal Reputain D20 Antimicrobial per 1000 gal water), based on the total volume of water in the system. Repeat until control is evident. Then treat daily, or as needed to maintain control, with 29 - 35 mL Reputain D20 Antimicrobial per cubic meter water (0.0029 - 0.0035 gal Reputain D20 Antimicrobial per 1000 gal water) in the system. If the continuous feed method of treatment is used, make initial dose as described above. Then treat daily, or as needed to maintain control, with 29 - 35 mL Reputain D20 Antimicrobial per cubic meter water (0.0029 - 0.0035 gal Reputain D20 Antimicrobial per 1000 gal water) in the system by means of a chemical-metering pump.

FOR CONTROL OF FUNGI AND ALGAE: If intermittent or slug dose treatment is used, add an initial dose of 48 - 95 mL Reputain D20 Antimicrobial per cubic meter water (0.068 - 0.095 gal Reputain D20 Antimicrobial per 1000 gal water), based on the total volume of water in the system. Repeat until control is evident. Then treat daily, or as needed to maintain control, with 29 - 35 mL Reputain D20 Antimicrobial per cubic meter water (0.0029 - 0.0035 gal Reputain D20 Antimicrobial per 1000 gal water) in the system.

AIR WASHER SYSTEMS: Reputain D20 Antimicrobial is used to control slime-forming bacteria and fungi in industrial air-washer systems. By intermittent or continuous methods of treatment, control can be achieved by using Reputain D20 Antimicrobial at a concentration of 1.0 to 10.0 ppm by weight of water being treated, depending on the severity and contamination in the system. Addition should be CONTINUOUS and made at a point just after the IFPDES permit level. Reputain D20 Antimicrobial to the air washer systems, by intermittent or continuous methods of treatment, control can be achieved by using Reputain D20 Antimicrobial at a concentration of 1.0 to 10.0 ppm by weight of water being treated, depending on the severity and contamination in the system. Addition should be CONTINUOUS and made at a point just after the IFPDES permit level. Addition should be CONTINUOUS and made as close to the initial chlorine mixing. Rapid mixing is necessary for maximum effectiveness. Reputain D20 Antimicrobial should be added at a location where a contact time of 10 minutes or longer will be provided before reaching the outlet.