**BIOMATE® MBC2881**

**Slime Control Agent**

**PRECAUTIONARY STATEMENTS**

**DANGER**

Corns, causes irreversible eye damage. Harmful if inhaled, swallowed, or absorbed through the skin. Do not get in eyes. Avoid contact with skin or clothing or breathing vapor. Wear protective eye wear (goggles or face shield). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash separately before reuse.

**PELIGRO**

Cortez de ocho a diez minutos. El mismo equipo de prevención debe usarse hasta que se hayan notificado los controles de emergencia.

**FIRST AID**

**IF IN EYES**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF INHALED**

Move person to fresh air. If person is not breathing, call 911 or an ambulance. Then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED**

Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice.

**USER SAFETY REQUIREMENTS**

**USERS MUST WASH HANDS BEFORE EATING, DRINKING, CHEWING GUM, OR USING THE TOILET.**

User must wash hands thoroughly after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. User must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User must remove clothing immediately if pesticide gets inside. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Note to User:**

Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, 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. This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, 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.

**STORAGE AND DISPOSAL**

**DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.**

**PESTICIDE STORAGE:** Keep container tightly closed. Store in a cool, dry, well-ventilated place. Do not store at elevated temperatures.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of wastes is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:**

**TRIPLE RINSE:**

For refillable containers, the user must triple rinse the container before final disposal. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refining the responsibility of the refiner. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and fill it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**CONSUMABLE CONTAINER:**

For this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refining the responsibility of the refiner. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**SA, Inc**

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SUEZ WTS USA, Inc., 4636 Somerton Road, Trevose, PA, 19053

Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940
BIOMATE* MBC2881

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

RECIRCULATING COOLING WATER SYSTEMS: This product aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, influent systems due to the high pH of many additive formulations. Add this product at any point in the system to insure uniformity of treatment. This product is added to the systems either continuously or intermittently as needed. The frequency of feeding and duration of the treatment will depend upon the severity of contamination. Optimum performance with this product is attained by continuous or intermittent treatment. If “shock” treatment is used, blowdown must be discontinued for 24 to 48 hours. Add this product at the rate of 0.005 to 1.0 lb. (0.6 to 120 ppm) per 1000 gallons of water in the system, depending upon the severity of contamination. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR THE CONTROL OF BACTERIA
INTERMITTENT ORSlug METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.05 to 0.1 lb. (6 to 12 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.025 to 0.1 lb. (3 to 12 ppm) per 1000 gallons of water in the system every 4 days or as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.05 to 0.1 lb. (6 to 12 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 0.005 to 0.1 lb. (0.6 to 6 ppm) per 1000 gallons of blowdown (or water loss) from the system.

FOR THE CONTROL OF FUNGI AND ALGAE
INTERMITTENT OR Slug METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.5 to 1.0 lb. (60 to 120 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When algal control is evident, add this product at the rate of 0.3 to 1.0 lb. (36 to 120 ppm) per 1000 gallons of water per day, or as needed to maintain control.

METAL-WORKING CUTTING FLUIDS CONTAINING WATER: This product is effective in metal working fluid concentrates which have been diluted in water at ratios of 1:100 to 1:4. For controlling (or inhibiting) the growth of bacteria, fungi and yeasts that may deteriorate metal working fluids containing water, add this product to the fluid in the collection tank. Additions must be made with a metering pump. INITIAL OR Slug DOSE: When the system is noticeably fouled, add this product at the rate of 0.25 gallon (2.65 lbs.) per 1000 gallons of metal working fluid in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.1 to 0.2 gallon (1.06 to 2.12 lbs.) per 1000 gallons of metal working fluid per day, or as needed to maintain control. Additions of this product can be made continuously or intermittently. Slug the system as required.

AIR WASHERS: For use only in industrial air washer systems that maintain effective mist eliminating components. This product controls slime-forming bacteria and fungi in industrial air washer systems. Add this product at the rate of 0.016 to 0.1 lb. (1.9 to 120 ppm) per 1000 gallons of water in the system depending upon the severity of contamination. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INTERMITTENT OR Slug METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.032 to 1.0 lb. (3.8 to 120 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.016 to 0.5 lb. (1.9 to 60 ppm) per 1000 gallons of water in the system every 2 days or as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.032 to 1.0 lb. (3.8 to 120 ppm) per 1000 gallons of water in the system. SUBSEQUENT DOSE: Maintain this level by a continuous feed of this product at the rate of 0.016 to 0.5 lb. (1.9 to 60 ppm) per 1000 gallons of blowdown (or water loss) from the system.

NON-POTABLE REVERSE OSMOSIS SYSTEMS: For controlling bacteria, fungi and algae slimes in non-potable REVERSE OSMOSIS systems and peripheral equipment, add this product to the system influent water or before any other contaminated area ahead of the REVERSE OSMOSIS unit. This product must be added with a metering pump on an intermittent basis depending on the severity of contamination and the guidelines specified by the membrane manufacturer for this product. Add this product at the rate of 0.01 to 1.0 lb. (1 to 120 ppm) per 1000 gallons of feedwater. During use of this product both permeate and reject waters must be directed to the drain. Once treatment is completed, rinsing with feedwater must continue until conductivity values in the permeate are at or below values before treatment with this product. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR THE CONTROL OF BACTERIA - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.05 to 0.1 lb. (6 to 12 ppm) per 1000 gallons of feedwater. Minimum treatment intervals must be 10 minutes. Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer. SUBSEQUENT DOSE: When microbial control is achieved, add this product at the rate of 0.025 to 0.1 lb. (3 to 12 ppm) per 1000 gallons of feedwater as needed to maintain control or as specified by guidelines recommended by the membrane manufacturer.

FOR THE CONTROL OF FUNGI AND ALGAE - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.5 to 1.0 lb. (60 to 120 ppm) per 1000 gallons of feedwater. Minimum treatment intervals must be 15 minutes. Repeat until control is achieved or as specified by the guidelines recommended by the membrane manufacturer. SUBSEQUENT DOSE: When microbial control is achieved, add this product at the rate of 0.3 to 1.0 lb. (36 to 120 ppm) per 1000 gallons of feedwater as needed to maintain control or as specified by the guidelines recommended by the membrane manufacturer.

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