**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Peligro

DANGER Corrosive. Causes irreversible eye damage. Causes skin burn. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Harmful if inhaled. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE): Applicators and all other handlers must wear: Coveralls over long-sleeved shirt and long pants. Socks and chemical resistant footwear. Goggles or face shield. Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**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. 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.

**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 waste is acutely hazardous. Improper disposal of excess, spilled, spray mixture or rinse 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:**

- Refillable container: Refill 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 refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container 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 rinsewater into application equipment or rinseate collection system. Repeat this rinsing procedure two more times.
- Nonrefillable container: Do not use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Clean the container between uses. Empty the rinsate into application equipment or a mix tank. Stand the container on its 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.

**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.

Call a poison control center or doctor for treatment advice.

If swallowed:

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

Call a poison control center or doctor for treatment advice.

If on skin:

Take off contaminated clothing.

Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.

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.

**KEEP OUT OF REACH OF CHILDREN**

DANGER

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User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**HOT LINE NUMBER:** 1-800-877-1940
BIOMATE® SAN9361

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

This product is effective for the control of bacterial, fungal and algal slimes in auxiliary/service water systems and waste water systems.

This product is effective for the control of bacterial and fungi which causes fouling in metal working fluids, hydraulic fluids, hydrocarbon based fuel oils, and oil and/or water based industrial formulations. This product is effective for the control of objectionable bacteria and fungi in pulp, paper mill, the additive system and for the preservation of paper mill additives and coatings.

PULP AND PAPER MILL

In pulp and paper mill and the additive systems and for the preservation of pulp, pigment slurries, alum, emulsions, adhesives, non-coating defoamers, polymers and paper products this product aids to control objectionable bacteria and fungi. Additions can be made on a continuous or intermittent basis, depending upon the severity of the contamination.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun. This product should be added directly to the pulp and paper mill systems. Apply at a point where the product will be uniformly mixed.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.75 to 7.5 pounds per ton of pulp or paper produced. Addition of this product to the system should be made directly at the rate of 0.42 to 5.4 pounds (50 to 650 ppm) per 1000 gallons. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.9 to 5.75 pounds per ton of pulp or paper produced. Treat the system as needed to maintain control. Addition of this product to the additive system may be reduced to 0.28 to 4.6 pounds (34 to 550 ppm) per 1000 gallons.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeable fouled, add this product at the rate of 0.75 to 2.0 pounds per ton of pulp or paper produced. Additions of this product to the additive system should be made directly at the rate of 0.42 to 6.4 pounds (50 to 650 ppm) per 1000 gallons. Continue until control is achieved. SUBSEQUENT DOSE: Maintain the following level by continuous feed of this product at the rate of 0.6 to 1.75 pounds (50 to 650 ppm) per 1000 gallons. Continue until control is achieved.

FOR PRESERVATION

This product should be added directly to the material to be preserved prior to manufacturing into the finished product, i.e., pulp, broke, polymers, defoamers, alum, emulsions, adhesives, paper mill coatings, pigment slurries and paper products. The dosage rate will depend on the material to be preserved and the storage time. The usual additions should be 75 to 1300 ppm for polymer latex emulsions, 75 to 650 ppm for polymers, starch, defoamers, alum, adhesives, paper mill coatings and pigment slurries and 150 to 650 ppm for pulp and broke. The above recommendations are based on a maximum storage time of 7 to 14 days. Repeat dosing every 7 to 14 days for storage times longer than two weeks.

AUXILIARY WATER/SERVICE WATER AND WASTE WATER SYSTEMS

This product is effective for the control of odor-forming bacteria, slime-forming bacteria, fungi and algae in auxiliary water systems such as fire protection systems and pump or screen bare, waste water and waste material disposal, holding or recovery systems such as storage tanks, storage piles, associated piping, settling ponds or lagoons, transport spillways or canals and disposal wells.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.4 to 4.2 pounds per 1000 gallons of water/50 to 500 ppm in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.3 to 3.3 pounds per 1000 gallons of water/50 to 500 ppm in the system. Additions of this product to the additive system should be made directly at the rate of 0.42 to 4.2 pounds per 1000 gallons of water/50 to 500 ppm in the system. Continue until control is achieved.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.4 to 4.2 pounds per 1000 gallons of water/50 to 550 ppm in the system. Continue until control is achieved. SUBSEQUENT DOSE: This product aids to control objectionable bacteria and fungi in pulp, paper mill, the additive system and for the preservation of paper mill additives and coatings.

REACTIVITY

This product is effective for the control of objectionable bacteria and fungi in pulp, paper mill, the additive system and for the preservation of paper mill additives and coatings.

METAL WORKING FLUIDS, HYDRAULIC FLUIDS, HYDROCARBON BASED FUEL OIL AND OIL AND/OR WATER BASED INDUSTRIAL FORMULATIONS

For control of bacteria, fungi and algae which cause fouling in metal working fluids, hydraulic fluids, hydrocarbon based fuel oils and oil and water based industrial formulations, add this product to the fluid insuring uniform mixing at the rate of 2 to 10 pounds per 1000 gallons/240 to 1200 ppm of fluid in the system depending upon the severity of the 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 4 to 10 pounds per 1000 gallons/400 to 1200 ppm of fluid in the system. Repeat every 4 weeks or until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 2 to 5 pounds per 1000 gallons/240 to 600 ppm of fluid in the system every 4 weeks or as needed to maintain control.

Lot Number:  Panel 2 of 2
Material ID: Net Weight: Package Date: 
SUEZ WTS USA, Inc., 4636 Somerton Road, Trevose, PA, 19053 Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940

Made in
HEALTH
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FLAMMABILITY
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REACTIVITY
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PERSONAL PROTECTION D