**BromiCide® Granules**


**ACTIVE INGREDIENTS:**
- 1,2-Benzenediol-3,5-Dihydroxybenzene 96.0%
- OTHER INGREDIENTS: 4.0%
- TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**FIRST AID:**
- Hold victim 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 ON SKIN OR CLOTHING:**
- 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 treatment advice.

**IF SWALLOWED:**
- Call poison control center or doctor immediately for treatment advice.
- Have a person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or seeking for treatment.

**NOTES TO PHYSICIAN:**
- Preexisting glaucoma may complicate the use of general washiness.

**BWA Water Additives US LLC**

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**EPA REG. NO. 8451-1**

**EPA Ctrl. No. 5B-56-A-41**

**NWT WEIGHT: 50 lbs**

**DIRECTIONS FOR USE CONTINUED:**

**DOSEAGE RATES FOR PRECISION APPLICATIONS:**

**Initial Dose:** When the system is operated normally, add 0.2 to 0.4 pounds/100 gallons (0.24 to 0.72 kilograms/10,000 liters) of water contained in the system. Repeat initial dosage until 1 to 3 parts per million (milligrams per liter) bromine residual is established for at least 4 hours.

**Subsequent Dose:** When microbial control is evident, add 0.1 to 0.3 pounds/100 gallons (0.12 to 0.36 kilograms/10,000 liters) of water contained in the system. Repeat as needed to maintain 1 to 3 parts per million (milligrams per liter) bromine residual for at least 4 hours.

**COMMERCIAL AIR CONDITIONERS AND DEHUMIDIFIERS BASKETS OR DRAIN PADS:**

When used as directed, this product effectively controls microbial stains in areas where water contacts.

**DOSEAGE RATES:**

Place this product in half basin or up to pad close to the water drain in an appropriate dispenser. Use one or more units as necessary to maintain the cleanliness of the system. The amount of product needed will vary with temperature, humidity, and condensate volume.

**WASTEWATER TREATMENT SYSTEMS:**

When used as directed, this product effectively controls microbial stains in areas where water contacts.

**DOSEAGE RATES:**

Add 0.1 to 0.6 pounds/100 gallons (0.12 to 0.72 kilograms/10,000 liters) of water treated to maintain a 0.1 to 0.5 parts per million (milligrams per liter) bromine residual at the injection point in the distribution control chamber. Adjust this product's dosage to achieve disinfection and minimize the halogen concentration at the exit of the control chamber. Do not use bromate water to irrigate crops.

**PULP AND PAPER MILLS:**

When used as directed, this product effectively controls microbial, bacterial, and fungal slime in pulp and paper mill fresh and sew water influent water systems; cooling water systems; wastewater treatment systems; service water systems; while water systems; and other process water.

This product is intended for use as a disinfectant for the process water used in the manufacture of paper and paperboard products. Do not exceed 1000 grams (0.2 pounds) of this product per dry metric ton of fiber when this product is used in the manufacture of paper and paperboard products that contact food. Treat water at critical areas in the process system where mixing the product with diluent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Bially treated process systems must be cleaned before initial treatment.

**PRODUCT APPLICATION**

**TREATMENT BY SYSTEM VOLUME:**

When a system is reasonably loaded, add 0.1 to 0.6 pounds of this product to 1000 gallons or 12 to 100 parts per million (milligrams per liter) of water in the system.

When biological control is evident, add 0.1 to 0.5 pounds of this product to 1000 gallons or 12 to 50 parts per million (milligrams per liter) of water in the system.

**TREATMENT BY RESIDUAL METHOD:**

Add sufficient amount of this product to maintain a measured residual up to 5 parts per million (milligrams per liter) as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 ppm per 1000 parts per million (milligrams per liter) as bromine.

To calculate the appropriate level of this product, estimate the paper mill's daily production, then add, over a 24 hour period, up to 1000 parts per million (3 pounds/2772 pounds of this product per dry metric ton of dry cans.

Test the bromate free to verify that the level of 5 parts per million (milligrams per liter) is not being exceeded.

**WATER TREATMENT: REFLECTING PONDS:**

This product, when used as directed, is effective as a water treatment and disinfectant. When used as directed, this product effectively controls microbial stains in areas where water contacts.

**DOSEAGE RATES:**

Ensure all equipment is working properly. Follow the label system (4 percent) following manufacturer's directions. Adjust pH to between 7.2-7.5. When using other products as outlined in directions for this product, always follow directions on those products.

A bromine or chlorine residual of 1-2 ppm must be established in the water. If the residual is established with this product in a reactor, use the bromonitrator at the highest feed rate following manufacturer's recommendations. When the bromonitrator reaches 1 ppm of the feed rate adjusted to 60% or 1 ppm of the feed rate adjusted to 30% of the feed rate. To maintain bromine residual, adjust the bromonitrator feed rate to reduce a constant flow rate of 5-10 ppm.

**NOTE:** Buyer assumes all responsibility for safety and use in accordance with directions.