CHEMTREX C-2189T

ACTIVE INGREDIENT: 1-Bromo-3-chloro-5,5-dimethylhydantoin 96.0%
OTHER INGREDIENTS: 4.0%
TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

DOSAGE RATES
When the system is noticeably fouled, add 0.2 to 0.6 lbs./1000 gallons (0.24 to 0.72 kg/metric ton) of water contained in the system. Repeat initial dosage until to 3 parts per million (milligrams per liter) bromine residual is established. When microbial control is evident, add 0.1 to 0.3 lbs./1000 gallons (0.12 to 0.36 kg/metric ton) of water contained in the system. Repeat as needed to maintain to 1 to 3 parts per million (milligrams per liter) bromine residual for at least 4 hours.

COMMERCIAL AIR CONDITIONER AND DEHUMIDIFIER
When used as directed, this product controls algal, bacterial and fungal slimes and offers rapid disinfection of primary, secondary and tertiary wastewater treatment systems.

PULP AND PAPER MILLS:
When used as directed, this product effectively controls algal, bacterial and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, wastewater treatment systems, service water systems, white water systems, and other process water. This product is intended for use as a slimicide for the process water used in the manufacture of paper and paperboard products. Do not exceed 1,000 grams (2.2 pounds) of this product per dry metric ton of water when this product is used in the manufacture of paper and paperboard products that contact food. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend on the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

DIRECTIONS FOR USE
It is a violation of Federal Law to use in a manner inconsistent with its labeling. Read entire label and all precautionary statements in accordance with available data.

RECIRCULATING COOLING WATER SYSTEMS: When used as directed, this product effectively controls algal, bacterial, and fungal slimes in commercial and industrial cooling towers, evaporative condensers, influent water systems such as flow-through filters, cooling ponds, canals, and lagoons; heat-exchanger water systems, industrial water scrubbing systems, brewery pasteurizers; and industrial air cooling systems equipped with a mist eliminator.

ONCE-THROUGH COOLING WATER SYSTEMS: When used as directed, this product effectively controls algal, bacterial, and fungal slimes in once-through fresh or salt water cooling systems; cooling ponds, canals, and lagoons. Treat cooling water with this product at the system intake or other critical areas when necessary. EVAPORATIVE COOLER: When used as directed, this product effectively controls algal, bacterial, and fungal slimes in evaporative coolers.

PASTEURIZER, CAN WARMER, CANNERY, RETORT WATER SYSTEMS: When used as directed, this product controls algal, bacterial, and fungal slime in cannery cooling water canning water, canner package warmers, canner pasteurizer water, and retort water.

DOSAGE RATES
Initial Dose: When the system is noticeably fouled, add 0.2 to 0.6 lbs./1000 gallons (0.24 to 0.72 kg/metric ton) of water contained in the system. Repeat initial dosage until to 3 parts per million (milligrams per liter) bromine residual is established. Subsequent Dose: When microbial control is evident, add 0.1 to 0.3 lbs./1000 gallons (0.12 to 0.36 kg/metric ton) of water contained in the system. Repeat as needed to maintain to 1 to 3 parts per million (milligrams per liter) bromine residual for at least 4 hours.

COMMERCIAL AIR CONDITIONER AND DEHUMIDIFIER BASINS OR DRIP PANS: When used as directed, this product effectively controls algal, bacterial and fungal slime in commercial and industrial cooling towers, evaporative condensers, influent water systems such as flow-through filters, cooling ponds, canals, and lagoons. Treat cooling water with this product at the system intake or other critical areas when necessary.

Water Fountains/Reflecting Ponds: When used as directed, this product is effective as a water feature sanitizer and disinfectant. To calculate the appropriate level of this product, estimate the paper mill’s daily production, then add, over a 24-hour period, up to 1,000 grams (2.2 pounds) of this product per metric ton of dry fiber. Test for bromine to verify the level of 5 parts per million (milligrams per liter) in the water is not being exceeded.

WATER FOUNTAINS/REFLECTING PONDS: This product, when used as directed, is effective as a water feature sanitizer and disinfectant.

DOSAGE RATES: Establish initial dosage level at 0.5 parts per million by working properly. Backwash the filter system (if present) following manufacturer’s directions. Adjust pH to between 7.2-7.6. When using other products as outlined in this direction for this product, adjust pH to between 7.2-7.6.

The brominator at the highest feed rate following manufacturer’s recommendations. When the bromine residual reaches 1-2 ppm, adjust the feeder accordingly. To maintain bromine residual, adjust the brominator feed rate to assure a constant treatment level of 1-3 ppm. Regular use of a test kit is necessary to maintain bromine residual in the water.

STORAGE AND DISPOSAL:
Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE:
Keep product dry and store in a cool dry well-ventilated area away from heat or open flame. Store in original container.

PESTICIDE DISPOSIBLE:
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate is a violation of Federal Law. If these wastes cannot be disposed of by use of one of the following, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

CONTAINER DISPOSAL:
Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Rinse remaining contents into application equipment or a mix tank. Fill the container 1/2 full with water and flush with water to rinse the inside of the container or equipment or a mix tank or store rinseate for late use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

EMERGENCY HANDLING:
In case of contamination or decomposition, do not resell container. If possible, isolate container in open and well-ventilated area. Flood with large volumes of water. Dispose of empty container in an approved landfill area.

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PRECAUTIONARY STATEMENTS
DANGERS:
Corrosive. Causes irreversible eye damage or skin burns. Harmful if inhaled. Causes respiratory irritation and throat. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wear protective clothing and rubber gloves when handling this product. Avoid breathing dust and fumes. 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 before reuse.

PHYSICAL OR CHEMICAL HAZARDS
STRONG OXIDIZING AGENT: May mix with other chemicals. Mix only with a compatible oxidizing agent. Use protective eyewear and gloves when handling this product. Avoid breathing dust and fumes. 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 before reuse.

STORAGE AND DISPOSAL:
Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE:
Keep product dry and store in a cool dry well-ventilated area away from heat or open flame. Store in original container.

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