



AmSolv®

Total Water Management

AmBrom™ 5803

Industrial Water Treatment BioCide

DESCRIPTION: AmBrom 5803™ For Use as a Disinfectant, Sanitizer, Bactericide, Fungicide, Algicide, and for Control of Microbial Slimes in Industrial Processes and Water Systems such as: Recirculating Cooling Water Systems, Once-Through Cooling Water Systems, Wastewater Treatment Systems, Brewery Pasteurizers, Air Conditioners, Dehumidifiers, Evaporative Coolers, Paper and Paperboard Process Water, and Water Features.

DIRECTIONS: It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions. **RECIRCULATING COOLING WATER SYSTEMS: ONCE-THROUGH COOLING WATER SYSTEMS:** Treat cooling water with this product at the system intake or other critical areas, where mixing is uniform. **EVAPORATIVE COOLER: PASTEURIZER, CAN WARMER, CANNERY, RETORT WATER SYSTEMS:** Initial Dose: When the system is noticeably fouled, add 0.2 to 0.6 pounds/1000 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/1000 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 CONDITIONER AND DEHUMIDIFIER BASINS OR DRIP PANS:** Place this product in the basin or drip pan close to the outlet drain. Use one or more tablets as necessary to maintain the cleanliness of the system. The number of tablets needed will vary with temperature, humidity, and condensate volume. **WASTEWATER TREATMENT SYSTEMS:** Add 0.1 to 0.6 pounds/1000 gallons (0.12 to 0.72 kilograms/10,000 liters) of water treated to maintain a 0.5 to 5.0 parts per million (milligrams per liter) bromine residual at the injection point in the disinfection contact chamber. Adjust this product's dosage to achieve disinfection and minimize the halogen concentration at the exit of the contact chamber. Do not use treated wastewater to irrigate crops. **PULP AND PAPER MILLS:** Do not exceed 1,000 grams (2.2 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 system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment. **PRODUCT APPLICATION:** TREATMENT BY SYSTEM VOLUME: When a system is noticeably fouled: Add 0.1 to 1.0 pounds of this product to 1,000 gallons or 12 to 120 parts per million (milligrams per liter) of water in the system. When biological control is evident: Add 0.1 to 0.75 pounds of this product to 1,000 gallons or 12 to 90 parts per million (milligram 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 part per million 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 1,000 grams (2.2 pounds) of this product per dry metric to of dry fiber. Test for bromine to verify the level of 5 parts per million (milligram per liter) is not being exceeded. **WATER FOUNTAINS/REFLECTING POOLS:** Ensure all equipment is 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 directions for this product, always follow directions on those products. A bromine or chlorine residual of 1-2 ppm must first be established in the water. If the residual is established with this product in a brominator, use 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 a bromine residual in the water. **NOTE:** Buyer assumes all responsibility for safety and use not in accordance with directions. AmBrom 5803™ should be fed to a clean closed system at an initial rate of 4 gallons per 1,000 gallons of system water. It may be fed by means of a pot feeder or chemical injection pump. Control the product feed rate by maintaining sodium nitrite residuals at 1000-1500 ppm in hot water loops and 600-800 ppm in chilled water systems.

DANGER: Corrosive. May cause burns. Avoid contact with eyes and mucous membranes or prolonged contact with skin. If eye

contact occurs, flush with water for 15 minutes. Get prompt medical attention. If skin contact occurs, remove contaminated clothing. Flush area with water then wash with vinegar. If irritation persists, consult a physician. Harmful if swallowed. Do not take internally. If swallowed, do not induce vomiting. Drink several glasses of water followed by citrus fruit juice. Call physician immediately. Apply this product only as specified on this label. **KEEP OUT OF REACH OF CHILDREN.**

STORAGE AND CONTAINER DISPOSAL: Do not expose to extreme temperatures. Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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 your EPA Regional Office for guidance.

CAS NUMBERS: 1-bromo-3-chloro-5, 5-dimethylhydantoin 16079-88-2

EPA REG. NO. 5185-420-75483 EPA Est# 44689-TX-1

HMIS RATING: Health-2 Flammability-0 Reactivity-1; Personal Protection-B.

DOT: Oxidizing Solid, N.O.S., 5.1, UN1479, II (1-bromo-3-chloro-5, 5-dimethylhydantoin)

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