

MICROBIOTREAT 6230

CONTROLS BACTERIA, FUNGI AND YEASTS IN PAPER MILLS; CONTROLS BACTERIA IN RECIRCULATING WATER COOLING TOWERS

ACTIVE INGREDIENT:

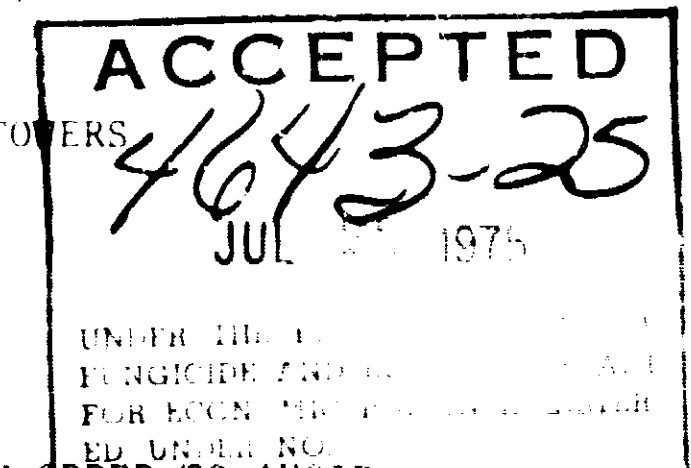
2,2-DIBROMO-3-NITRILOPROPIONAMIDE

20%

INERT INGREDIENTS

80%

WEIGHT -- 10.5 lbs./gal. @ 77° F.



DIRECTIONS FOR USE: NOTE: ADD MICROBIOTREAT 6230 SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID DECOMPOSITION OF MICROBIOTREAT 6230 DUE TO THE HIGH pH OF MANY ADDITIVE FORMULATIONS.

PAPER MILLS: For the control of bacterial, fungal and yeast growth in pulp, paper and paperboard mills, add 6230 at the rate of 1.83-6.10 fluid oz/ton of pulp or paper (dry basis). Addition may be continuous or intermittent, depending upon the type of system and the severity of contamination. It should be made with a metering pump at a location that will insure uniform distribution of 6230 in the mass of fiber and water, such as the beaters, jordan inlet or discharge, broke chests, furnish chests, save-alls and white-water tanks. Heavily fouled systems should be boiled out, then treated with 1.83-4.27 fluid oz 6230/ton of paper (dry basis), as necessary for control. Moderately fouled systems should be treated continuously with 4.27-6.10 fluid oz. 6230/ton of paper (dry basis) until the slime accumulation is controlled. Addition rates can then be reduced 1.83-4.27 fluid oz. 6230/ton of paper, on a continuous or intermittent basis, as needed for control. Dislodged slime may cause breaks in the paper and a clean-up of the paper machine may be advisable. Slightly fouled systems should be treated continuously with 1.83-4.27 fluid oz. 6230/ton of paper (dry basis) until the slime is controlled, then added on an intermittent basis to maintain control.

NOTE: This product should not be used in the production of paper or paperboard that comes in contact with food.

RECIRCULATING WATER COOLING TOWERS: For control of bacterial growths in recirculating water cooling towers, add 6230 to the basin (or any other point of uniform mixing). Add 0.00095 - 0.0095 gal. (0.12 - 1.2 fluid oz.) 6230/1,000 gal. of water in the system, depending on the severity of contamination. Addition should be made with a metering pump; it may be continuous or intermittent, depending on the severity of the contamination when treatment is begun, and the retention time in the system. Intermittent or Slug Method - Initial Dose: When the system is noticeably fouled, add 0.0048 - 0.0095 gal. (0.60 - 1.2 fluid oz.) 6230/1,000 gal. water in the system. Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add 0.0024 - 0.0095 gal. (0.32 - 1.2 fluid oz.) 6230/1,000 gal. water in the system every 4 days, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun. Continuous Feed Method - Initial Dose: When the system is noticeably fouled, add 0.0048 - 0.0095 gal. (0.60 - 1.2 fluid oz.) 6230/1,000 gal. of water to the system. Subsequently, maintain this level by pumping a continuous feed of 0.00048 - 0.0048 gal. (0.060 - 0.60 fluid oz.) 6230/1,000 gal. of water in the system lost by blowdown. Badly fouled systems must be cleaned before treatment is begun. Optimum performance with this product is attained by continuous or intermittent treatment. If "shock" treatment is used, the blowdown should be discontinued for 24 - 48 hours. Do not reuse empty container. Destroy it by burying it with waste, or by burning it. Stay out of smoke or fumes.

DANGER: KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

CAUSES SEVERE BURNS OF EYES. MAY BURN THE SKIN. MAY BE HARMFUL OR FATAL IF SWALLOWED. Do not get in eyes, on skin, or on clothing. Wear chemical workers' goggles when handling. **FIRST AID:** In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention. In case of skin contact, wash with soap and plenty of water. Wash contaminated clothing before reuse. If swallowed, induce vomiting by sticking finger down the throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person. WASH THOROUGHLY AFTER HANDLING.

DEARBORN