

157 # 48986-5 11/32

MICROBAN MC-130A

Controls bacteria, fungi, and yeasts in paper mills, metalworking fluids containing water, and enhanced oil recovery systems; controls bacteria, fungi, and algae in industrial recirculating water cooling towers and in once-through fresh and sea water industrial cooling water systems; controls slime-forming bacteria and fungi in air-washer systems.

FOR INDUSTRIAL USE ONLY

Active Ingredients
2, 2-Dibromo-3-nitropropionamide 20%
Inert Ingredients 80%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS
 Hazards to Humans and Domestic Animals
CAUSES SEVERE BURNS OF EYES • EYE CONTACT MAY CAUSE LOSS OF VISION • MAY BURN THE SKIN • MAY BE HARMFUL OR FATAL IF SWALLOWED.

Do Not Get in Eyes, on Skin, or on Clothing - Chemical Worker's Goggles Must Be Worn When Handling - Wash Thoroughly After Handling

FIRST AID: In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. In case of skin contact, immediately wash skin with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation persists. If swallowed, immediately induce vomiting by giving two glasses of water and sticking finger down throat. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS
This product is toxic to fish. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes. NOTE: Do not discharge into lakes, streams, ponds, or public waters unless in accordance with a NPDES permit. For guidance, contact your regional office of the EPA. In case of an emergency endangering life or property involving this product, call collect 304-755-0151.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage: To maintain product quality, store at temperatures below 60° C. Keep container tightly 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 the nearest EPA Regional Office for guidance.

Container Disposal: Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with the labeling.

NOTE: ADD MICROBAN MC 130A SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES IN ORDER TO AVOID DECOMPOSITION OF MICROBAN MC 130A DUE TO THE HIGH pH OF MANY ADDITIVE FORMULATIONS.

METALWORKING FLUIDS CONTAINING WATER

This product is effective in metalworking fluid concentrates which have been diluted in water at ratios of 1:100-1:4.

For controlling (or inhibiting) the growth of bacteria, fungi, and yeasts that may deteriorate metalworking fluids containing water, add Microban MC 130A to the fluid in the collection tank. Additions should be made with a metering pump.

Initial or Slug Dose: When the system is just noticeably fouled, add 0.25 gal. Microban MC 130A/1,000 gal. of metalworking fluid to the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.1-0.2 gal. Microban MC 130A/1,000 gal. of metalworking fluid per day, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS.

Add Microban MC 130A to the basin (or any other point of uniform mixing). 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. 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.

FOR CONTROL OF BACTERIA

Add 0.00095-0.0095 gal. Microban MC 130A/1,000 gal. of water in the system depending on the severity of contamination.

Intermittent or Slug Method

Initial Dose: When the system is noticeably fouled, add 0.0048-0.0095 gal. Microban MC 130A/1,000 gal. of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.0024-0.0095 gal. Microban MC 130A/1,000 gal. of 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. Microban MC 130A/1,000 gal. of water to the system.

Subsequent Dose: Maintain this level by pumping a continuous feed of 0.00095-0.0048 gal. Microban MC 130A/1,000 gal. of water in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE

Add 0.029-0.095 gal. Microban MC 130A/1,000 gal. of water in the system depending on the severity of contamination.

Intermittent or Slug Method

Initial Dose: When the system is noticeably fouled, add 0.048-0.095 gal. Microban MC 130A/1,000 gal. of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.029-0.095 gal. Microban MC 130A/1,000 gal. of water in the system daily 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 0.048-0.095 gal. Microban MC 130A/1,000 gal. of water to the system.

Subsequent Dose: Maintain this treatment level by pumping a continuous feed of 0.029-0.095 gal. Microban MC 130A/1,000 gal. of water in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

For controlling bacteria, fungi, and algae in once-through and closed-cycle fresh and sea water cooling systems, cooling ponds, canals, and lagoons, add Microban MC 130A to the system inlet water or before any other contaminated area in the system. Additions 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.

FOR CONTROL OF BACTERIA

Add 1-12 ppm Microban MC 130A based on the flow rate through the system, depending on the severity of contamination.

Intermittent Method

Initial Dose: When the system is noticeably fouled, add 6-12 ppm Microban MC 130A. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 3-12 ppm Microban MC 130A intermittently 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 6-12 ppm Microban MC 130A continuously to the system.

Subsequent Dose: When microbial control is evident, pump a continuous feed of 1-6 ppm Microban MC 130A to the system.

Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF ALGAE

Add 36-18 ppm Microban MC 130A based on the flow rate through the system, depending on the severity of contamination.

Intermittent Method

Initial Dose: When the system is noticeably fouled, add 60-118 ppm Microban MC 130A to the system. The minimum treatment interval should be 15 minutes. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 36-118 ppm Microban MC 130A to the system daily or as needed to maintain control. The minimum treatment interval should be 15 minutes.

Badly fouled systems must be cleaned before treatment is begun.

Continuous Feed Method

Initial Dose: When the system is noticeably fouled, add 60-118 ppm Microban MC 130A to the system.

Subsequent Dose: When microbial control is evident, pump a continuous feed of 36-118 ppm Microban MC 130A to the system.

Badly fouled systems must be cleaned before treatment is begun.

AIR-WASHER SYSTEMS

Add 0.0015-0.095 gal. Microban MC 130A/1,000 gal. of water in the system, depending upon the severity of contamination to slime-forming bacteria and fungi in industrial air-washer systems.

Intermittent or Slug Method

Initial Dose: When the system is noticeably fouled, add 0.003-0.095 gal. Microban MC 130A/1,000 gal. of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.0015-0.047 gal. Microban MC 130A/1,000 gal. of water in the system every 2 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 0.003-0.095 gal. Microban MC 130A/1,000 gal. of water in the system.

Subsequent Dose: Maintain this level by pumping a continuous feed of 0.0015-0.047 gal. Microban MC 130A/1,000 gal. of water in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

Note: For use only in industrial air-washer systems that maintain effective mist-eliminating components.

Notice: Seller warrants that the product conforms to its chemical description and is reasonable fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.



NOTICE

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing.

net lb

Manufactured By

Alban Laboratories, Inc.
Nitro, WV 25143

EPA Registration No. 48986-5

EPA Establishment No.

ACCEPTED
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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered under EPA Reg. No.