MB-215/ANCECIDE™ 4070

INDUSTRIAL MICROBICIDE FOR USE IN INDUSTRIAL PROCESS WATER SYSTEMS, RECYCLING WATER COOLING TOWERS, AIR WASHER SYSTEMS, OIL FIELD INJECTION WATERS, PAPER MILL SLIME CONTROL, RECYCLING CLOSED LOOP WATER COOLING SYSTEMS, BREWERY PASTEURIZER/CAN WARMER/RETORE WATER SYSTEMS, EVAPORATIVE CONDENSER WATER SYSTEMS, REVERSE OSMOSIS AND ULTRA FILTRATION SYSTEMS, AND INDUSTRIAL SCRUBBING SYSTEMS.

ACTIVE INGREDIENTS

5-chloro-2-methyl-4-isothiazolin-3-one .......................................................... 1.11%
2-methyl-4-isothiazolin-3-one ......................................................................... 0.39%

OTHER INGREDIENTS ......................................................................................... 98.50%

TOTAL ........................................................................................................... 100.00%

MB-215 / ANCOCIDE 4070 weighs 8.55 lbs/gallon.

EPA Reg. No. 1769-375-71898
EPA Est. No. 4140-TX-1

See elsewhere on label for additional precautionary statements.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

FIRST AID

IF SWALLOWED

• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.

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 further treatment.

IF ON SKIN

• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for further treatment.

IF IN EYES

• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinse.
• Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary. For medical or environmental emergencies call CHEMTREC® at 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor for treatment.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Use the control of bacteria, algae, and fungi, add MB-215 / ANCOCIDE 4070 to: Industrial process water systems, industrial recirculating water cooling towers, industrial recirculating closed loop water cooling systems, brewery pasteurizers, can warmers, retort water systems, industrial scrubbing systems, and evaporative condenser water systems. Add MB-215 / ANCOCIDE 4070 at some point in the system to ensure uniform mixing.

INITIAL Dose: When the system is noticeably fouled, apply 148 - 883 ppm MB-215 / ANCOCIDE 4070 (1.26 - 7.46 pounds or 19 - 113 fluid ounces of MB-215 / ANCOCIDE 4070 per 1000 gallons of water in the system.) Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.

SUBSEQUENT Dose: When microbial control is evident, add 35 - 219 ppm MB-215 / ANCOCIDE 4070 (0.3 - 1.86 pounds or 4.5 - 28 fluid ounces of MB-215 / ANCOCIDE 4070 per 1000 gallons of water in the system) weekly or as needed to maintain control.

PAPER MILLS

For the control of bacteria, algae and fungi, add MB-215 / ANCOCIDE 4070 to the Beater, Hydropulp, or Fan or Broke Storage Pumps or some other point in the system to ensure uniform mixing.

Apply 0.44 to 1.5 lb (7 - 23 fluid ounces) of MB-215 / ANCOCIDE 4070 per ton (dry basis) of pulp or paper produced as a slug close. If needed, repeat daily. Badly fouled systems should be cleaned before initial treatment.

AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump to ensure uniform mixing. 35 - 883 ppm MB-215 / ANCOCIDE 4070 (0.3 - 7.46 pounds or 4.5 - 113 fluid ounces of MB-215 / ANCOCIDE 4070 per 1000 gallons of water in the system) depending upon the severity of contamination to control bacteria, fungi, and algae which cause fouling in industrial air washer systems.

INTERMITTENT OR SLUG METHOD

INITIAL Dose: When the system is noticeably fouled, apply 148 - 883 ppm MB-215 / ANCOCIDE 4070 (1.26 - 7.46 pounds or 19 - 113 fluid ounces of MB-215 / ANCOCIDE 4070 per 1000 gallons of water in the system.) Repeat until control is achieved.

SUBSEQUENT Dose: When microbial control is evident, add 35 - 219 ppm MB-215 / ANCOCIDE 4070 (0.3 - 1.86 pounds or 4.5 - 28 fluid ounces of MB-215 / ANCOCIDE 4070 per 1000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems should be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

INITIAL Dose: When the system is noticeably fouled, apply 148 - 883 ppm MB-215 / ANCOCIDE 4070 (0.3 - 1.86 pounds or 4.5 - 28 fluid ounces of MB-215 / ANCOCIDE 4070 per 1000 gallons of water in the system.)

SUBSEQUENT Dose: Maintain this treatment level by adding a continuous feed of 35 - 219 ppm MB-215 / ANCOCIDE 4070 (0.3 - 1.86 pounds or 4.5 - 28 fluid ounces of MB-215 / ANCOCIDE 4070 per 1000 gallons of makeup water). Badly fouled systems must be cleaned before initial treatment.

NOTE: For use only in systems that maintain effective mist-eliminating components.

ULTRA FILTRATION UNITS AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS SYSTEMS

MB-215 / ANCOCIDE 4070 is recommended for the control of bacteria and fungi in ultra filtration units and non-medical/non-potable reverse osmosis systems. Use of MB-215 / ANCOCIDE 4070 in potable water or dialysis is prohibited. Add 10 - 333 ppm of MB-215 / ANCOCIDE 4070 (0.15 - 5 ppm active ingredient) into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of MB-215 / ANCOCIDE 4070 with reverse osmosis membranes should be confirmed with membrane manufacturers. For the control of
bacteria and fungi in carbon beds, add 10 - 333 ppm of MB-215 / ANCCODE 4070 (0.15 - 5 ppm active ingredient) by either continuous or batch feed. For periodic membrane cleaning, add 0.4 - 1.0 pounds or 6.0 - 15.0 fluid ounces of MB-215 / ANCCODE 4070 to every 120 gallons of cleaning solution (6 - 15 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun.

**OIL FIELD INJECTION WATERS**

For the control of slime-forming and sulfate-reducing bacteria in oil and gas field water systems, including enhanced recovery injection fluids, drilling, fracturing and completion fluids, slug treat with 07 - 332 ppm MB-215 / ANCCODE 4070 depending on the severity of contamination.

**INITIAL DOSE:** Add 166 - 332 ppm MB-215 / ANCCODE 4070 (6.0 - 13.9 gallons or 58.0 - 116.6 pounds MB-215 / ANCCODE 4070 per 1000 barrel of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

**SUBSEQUENT DOSE:** Add 67 - 166 ppm MB-215 / ANCCODE 4070 (2.0 - 6.9 gallons or 23.5 - 58.0 pounds MB-215 / ANCCODE 4070 per 1000 barrel of water) every seven days or as needed to maintain control.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinseate 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**

Nonrefillable container. Do not reuse or refill this container.

**METAL CONTAINERS**

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. 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.

**PLASTIC CONTAINERS**

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. 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, by burning. If burned, stay out of smoke.

**GENERAL:** Consult Federal, state, or local disposal authorities for approved alternative procedures.

Do not apply this product in a way that will contact workers or other persons.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE OR SKIN BURNS. MAY BE FATAL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED.

Do not get in eyes, on skin, or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Mixers, loaders, and others exposed to methyldithiazolinone must wear: Coveralls over long-sleeved shirt and long pants; socks and chemical-resistant shoes; goggles or face shield; chemical-resistant gloves (such as rubber or made out of any waterproof material); chemical-resistant apron.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to terrestrial and aquatic plants, fish, and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

See the Material Safety Data Sheet for more information.

Not for Resale
MAD IN THE U.S.A.

Chem-Aqua

Packed for
CHEM-AQUA, INC.
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Corrosive liquid, acidic, organic, n.o.s.
(5-chloro-2-methyl-4-isothiazolin-3-one)
UN 3265
PG II