**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

Do not use this product for any purpose not mentioned in this product.
**MB-215™**  
**Inhibitor for Bacterial and Slime Growth**

**Product Description:** MB-215 is a potent, biocidal, synergistically balanced blend of methyl isothiazolinone (2-methyl-4-isothiazolin-3-one) and 5-chloro-2-methyl-4-isothiazolin-3-one that inhibits and controls slime-forming and sulfate-reducing bacteria, algae, and fungi in industrial and municipal water systems such as cooling towers, finishing tanks, paper machines, heat exchangers, Online Fouling Control Systems, Ultra Filtration Systems, and Industrial Preheaters.

**Active Ingredients:**
- Methyl isothiazolin-3-one (3.3 - 16.6 fluid ounces per 1000 gallons of water)
- 5-Chloro-2-methyl-4-isothiazolin-3-one (0.3 - 1.86 pounds per 1000 gallons of water)

**Use:** MB-215 is used in systems that maintain effective mist-eliminating controls or that are designed to reject dissolved solids. MB-215 is used in systems containing bacteria or algae to control and prevent slime growth and fouling. MB-215 is also used in aerated systems to control and prevent slime growth and fouling.

**Safety Precautions:**
- **HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** MB-215 is toxic to aquatic organisms; may be harmful if inhaled; may cause serious eye damage; may cause respiratory irritation; may cause serious burns with prolonged contact with skin.

**Precautionary Statements:**
- **RISK GROUPS:** Do not get into eyes, on skin, or on clothing. Avoid contact with eyes, mouth, and skin. Do not inhale vapors.
- **FIRST AID:** For medical or environmental emergencies call CHEMTREC® at 1-800-528-6906. Refer to the Material Safety Data Sheet for first aid information.

**Storage and Disposal:**
- **STORAGE:** Store away from food, drink, or animal food; in a cool, dry place; out of the reach of children.
- **DISPOSAL:** Non-refillable containers. Do not reuse or refill this container.

**Environmental Hazards:**
- **HAZARDS TO THE ENVIRONMENT:** This product is toxic to aquatic organisms. Use of this product may result in surface water or ground water contamination.

**Contact Information:**
- **For information:** Contact Your Local Representative or 1-800-528-6906.
- **For technical assistance:** Contact 1-800-528-6906.

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**Section 4: First Aid Measures**

**First Aid Measures:**
- **IF IN EYES:** Rinse eyes immediately with plenty of water for 15-20 minutes. Get medical attention immediately.
- **IF ON SKIN:** Wash skin immediately with plenty of water for 5 minutes, then continue rinsing.
- **IF INHALED:** Get fresh air as soon as possible. Get medical attention immediately.
- **IF SWALLOWED:** Do not induce vomiting. Get medical attention immediately.

**Section 5: Fire Fighting Measures**

**Fighting Measures:**
- **FLAMMABILITY:** This material is non-flammable, non-explosive, and non-combustible.
- **EXTINGUISHING MEDIA:** For small fires, use water. For large fires, foam, carbon dioxide, or dry chemical agents are recommended.

**Section 6: Initial Control Measures**

**Control Measures:**
- **VENTILATION:** Ensure that the work area is well ventilated.
- **PERSONNEL PROTECTION:** If workers are exposed to MB-215, provide protective clothing or respiratory equipment to prevent exposure.

**Section 7: Handling and Storage**

**Handling:**
- **HANDLING:** Avoid contact with eyes, mouth, and skin. Wear protective clothing when handling MB-215.

**Storage:**
- **STORAGE:** Store away from food, drink, or animal food; in a cool, dry place; out of the reach of children.

**Section 8: Exposure Controls/Personal Protective Equipment**

**Exposure Controls:**
- **RESPIRATORY PROTECTION:** Use a dust mask or respirator approved for use in the presence of methyl isothiazolinone (2-methyl-4-isothiazolin-3-one). For dust masks or respirators, see the Material Safety Data Sheet for further information.

**Personal Protective Equipment:**
- **EYE PROTECTION:** Use safety glasses or a face shield.
- **HAND PROTECTION:** Use chemical-resistant gloves (such as those containing neoprene or nitrile rubber).

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**Material Safety Data Sheet for MB-215**

**Section 1: Identification**

**Identification:**
- **PRODUCT NAME:** MB-215™
- **PRODUCT USE:** Inhibitor for Bacterial and Slime Growth

**Section 2: Hazards Identification**

**Hazard Class:**
- **GENERAL CLASSIFICATION:** General use

**Hazard Statements:**
- **DANGER** PELIGRO

**Exposure Limits:**
- **TOTAL:** 98.50%
- **2-METHYL-4-ISOTHIAZOLIN-3-ONE:** 0.39%

**Specialized Terms:**
- **OSHA:** 1910.1200(c)(2)(ix)
- **Toxicological:** The material is toxic to aquatic organisms; may be harmful if inhaled; may cause serious eye damage; may cause respiratory irritation; may cause serious burns with prolonged contact with skin.

**Precautionary Statements:**
- **REACTIVITIES:** This material is non-reactive.
- **STABILITY:** Stable at normal temperatures.
- **INCOMPATIBILITIES:** Strongly incompatible with strong oxidizing agents and strong reducing agents.

**Section 3: Composition/Information on Ingredients**

**Ingredients:**
- **Methyl isothiazolin-3-one (3.3 - 16.6 fluid ounces per 1000 gallons of water)
- **5-Chloro-2-methyl-4-isothiazolin-3-one (0.3 - 1.86 pounds per 1000 gallons of water)

**Risk Assessment:**
- **RISK GROUPS:** Do not get into eyes, on skin, or on clothing. Avoid contact with eyes, mouth, and skin. Do not inhale vapors.

**Precautionary Statements:**
- **PRIMARY:** Do not get into eyes, on skin, or on clothing. Avoid contact with eyes, mouth, and skin. Do not inhale vapors.
- **RESPIRATORY:** Wear appropriate respiratory equipment approved for the material.
- **HAND:** Use chemical-resistant gloves (such as those containing neoprene or nitrile rubber).

**Section 4: First Aid Measures**

**First Aid Measures:**
- **IF IN EYES:** Rinse eyes immediately with plenty of water for 15-20 minutes. Get medical attention immediately.
- **IF ON SKIN:** Wash skin immediately with plenty of water for 5 minutes, then continue rinsing.
- **IF INHALED:** Get fresh air as soon as possible. Get medical attention immediately.
- **IF SWALLOWED:** Do not induce vomiting. Get medical attention immediately.

**Section 5: Fire Fighting Measures**

**Fighting Measures:**
- **FLAMMABILITY:** This material is non-flammable, non-explosive, and non-combustible.
- **EXTINGUISHING MEDIA:** For small fires, use water. For large fires, foam, carbon dioxide, or dry chemical agents are recommended.

**Section 6: Initial Control Measures**

**Control Measures:**
- **VENTILATION:** Ensure that the work area is well ventilated.
- **PERSONNEL PROTECTION:** If workers are exposed to MB-215, provide protective clothing or respiratory equipment to prevent exposure.

**Section 7: Handling and Storage**

**Handling:**
- **HANDLING:** Avoid contact with eyes, mouth, and skin. Wear protective clothing when handling MB-215.

**Storage:**
- **STORAGE:** Store away from food, drink, or animal food; in a cool, dry place; out of the reach of children.

**Section 8: Exposure Controls/Personal Protective Equipment**

**Exposure Controls:**
- **RESPIRATORY PROTECTION:** Use a dust mask or respirator approved for use in the presence of methyl isothiazolinone (2-methyl-4-isothiazolin-3-one). For dust masks or respirators, see the Material Safety Data Sheet for further information.

**Personal Protective Equipment:**
- **EYE PROTECTION:** Use safety glasses or a face shield.
- **HAND PROTECTION:** Use chemical-resistant gloves (such as those containing neoprene or nitrile rubber).
**MB-215**

**PRODUCT INFORMATION**

- **Product Name:** MB-215
- **Manufacturer:** DM Resources
- **Date:** ©2019 DM Resources

**COMPONENTS**

- 2-Methyl-4-isothiazolin-3-one (5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE), UN3265

**DIRECTIONS FOR USE**

- **GENERAL CLASSIFICATION:** A mixture of several isothiazolinones.

**FEED METHODS**

- **FOR INDUSTRIAL WATER SYSTEMS:**
  - **INDOORS:** For the control of algae, bacteria, and fungi, add MB-215 to the industrial process water systems, evaporative condenser water systems, boiler water cooling systems, industrial mixing/cooling loops, industrial reverse osmosis systems, industrial water cooling towers, industrial mixing/condensing loops, reverse osmosis systems, membrane manufacturers, power generation, process water systems, and steam systems.
  - **OUTDOORS:** For the control of algae, bacteria, and fungi, add MB-215 to the industrial process water systems, evaporative condenser water systems, boiler water cooling systems, industrial mixing/cooling loops, industrial reverse osmosis systems, industrial water cooling towers, industrial mixing/condensing loops, reverse osmosis systems, membrane manufacturers, power generation, process water systems, and steam systems.

**SAFETY DATA SHEET**

- **Emergency Contact Information:**
  - CHEMTREC®: 1-800-424-9300
  - Local Emergency Response Plan:
    - **INDOORS:** Use this system in non-restricted areas, apply 100 - 300 ppm MB-215 (0.3 - 0.7 gallons or 3.8 - 7.7 pounds of MB-215 per 1000 gallons of water in the system). Use a non-restricted area to apply MB-215 to industrial process water systems.
    - **OUTDOORS:** Use this system in non-restricted areas, apply 100 - 300 ppm MB-215 (0.3 - 0.7 gallons or 3.8 - 7.7 pounds of MB-215 per 1000 gallons of water in the system).

**FIRST AID**

- **IF IN EYES:**
  - Move person to fresh air.
  - Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. If irritation persists, call a poison control center or doctor for treatment.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

- **ENVIRONMENTAL HAZARDS:** This product is toxic to terrestrial and aquatic plants, fish, and other aquatic organisms. This product is designed for use in applications which do not pose a threat to terrestrial and aquatic environments.

**PESTICIDE STORAGE**

- **Refillable Containers:**
  - **PLASTIC CONTAINERS:**
    - Do not use this container for any other purpose.
    - If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
    - If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
    - This product is toxic to terrestrial and aquatic plants, fish, and other aquatic organisms. This product is designed for use in applications which do not pose a threat to terrestrial and aquatic environments.

**PRECAUTIONARY STATEMENTS**

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

**REFERENCES**

- **Safety Data Sheet for more information.**

**MADE IN THE U.S.A.**

**CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.**

**UN3265**

**Information on the Transportation of Dangerous Goods**

- **UNCLASSIFIED:**
  - This product is not classified as a hazardous material under the regulations of the United States Department of Transportation (DOT) or the International Air Transport Association (IATA). However, this product is classified as a hazardous material under the regulations of the International Civil Aviation Organization (ICAO) and the International Maritime Organization (IMO). For more information, contact the Transportation Authority or the Chemical Industry Association (CIA) for appropriate shipping instructions.

**LABELING REQUIREMENTS**

- **GHS RISK PHRASES:**
  - R25: May be fatal if inhaled.
  - R36/37/38: Causes serious eye irritation.
  - R42: Causes serious eye irritation.
  - R43: Causes skin irritation.

**LEGAL NOTICES**

- **RECOMMENDATIONS FOR HANDLING AND STORAGE:**
  - Store this product in a cool, dry place away from open flames and sources of ignition.

**DISPOSAL CONSIDERATIONS**

- **PESTICIDE DISPOSAL:**
  - Do not dispose of in a sanitary landfill or by incineration, or, if allowed by local authorities, in the stream or drainage system, or in storm drains.
  - Dispose of in a sanitary landfill or by incineration, or, if allowed by local authorities, in the stream or drainage system, or in storm drains.

**ENVIRONMENTAL HAZARDS**

- **PHYSICAL AND CHEMICAL HAZARDS:**
  - This product is toxic to terrestrial and aquatic plants, fish, and other aquatic organisms. This product is designed for use in applications which do not pose a threat to terrestrial and aquatic environments.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

- **PESTICIDE STORAGE:**
  - **Refillable Containers:**
    - Do not use this container for any other purpose.
    - If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
    - This product is toxic to terrestrial and aquatic plants, fish, and other aquatic organisms. This product is designed for use in applications which do not pose a threat to terrestrial and aquatic environments.

**PRECAUTIONARY STATEMENTS**

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

**REFERENCES**

- **Safety Data Sheet for more information.**

**MADE IN THE U.S.A.**