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Critical Cleaning and Disinfecting

MB-10 Tablets

Quip Laboratories, Inc.

1500 Eastlawn Avenue • Wilmington, DE 19802

What are MB -10 Tablets?

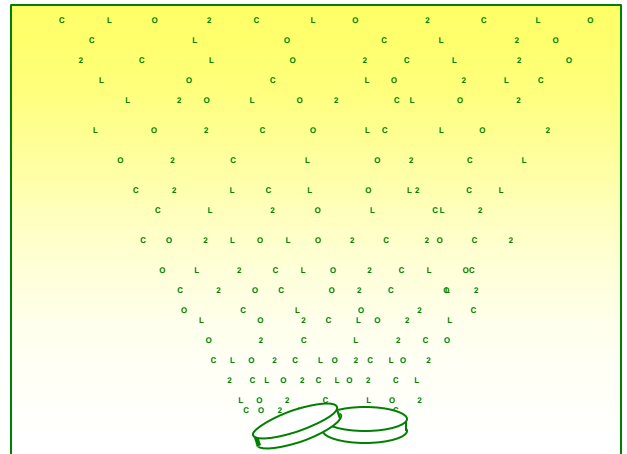
MB-10 Tablets are conceivably the most convenient way yet to deliver the benefits of Chlorine Dioxide to the user.

Simply drop our effervescent tablets into water. Within minutes these tablets dissolve and produce a solution of chlorine dioxide. Chlorine dioxide is a safe, stable, multi-functional compound which exists as a gas. In 1998, breakthrough technology in chlorine dioxide delivery systems was introduced into the industry. This technology, with its complete line of solid pre-cursors to solution (SPS) deodorizing tablets and controlled release products (CRP), changed forever how this efficacious chemical can be utilized. This unique technology now allows for the safe and effective generation of chlorine dioxide, a gas which is released via our effervescent tablets or sachets into solution or into the air.

Why Chlorine Dioxide?

This powerful, triple -threat compound has proven its ability for microbiological control, disinfection, sanitation, and pollutant oxidation.

For Use Against Canine Parvovirus, Hantavirus, Minute Virus of Mice (MVM), Mouse Hepatitis Virus (MHV), Mouse Parvovirus type 1 (MPV-1), Murine Parainfluenza virus type 1 (Sendai), Sialodacryoadenitis virus (SDAV) at 100 ppm. Once mixed, this solution should be used within 7 days.



At 200 ppm, *MB-10 Tablets* solution is tuberculocidal against *Mycobacterium Bovis*, ATC 35743, TMC 1028 at 5 minute exposure and virucidal against HIV-1 (the virus that causes AIDS). Typical applications include decontamination of quarantine and isolation holding facilities, surgery and necropsy rooms, air locks, bio-safety hoods, animal receiving areas, animal transporters, carcass refrigeration and storage areas, decontaminating environmental enrichment devices, animal drinking water system purification, and other areas requiring a product that, when used on hard surfaces, has been shown to leave the surfaces sanitary.

Packaging:

MB-10 Tablets come in:

Individual foil envelopes, each containing 1 (one) 1.5 gram MB-10 Tablet for quart bottles of activated product. 300,150, or 75 per case.

OR:

Individual foil envelopes, each containing 1 (one) 6.0 gram MB-10 Tablet for gallon bottles or larger quantities of activated product. 160 or 80 per case.



Critical Cleaning and Disinfecting

Distributed by:



Perotech

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MB-10 Tablets® is a unique formulation of sodium chloride that rapidly produces the biocidal agent chlorine dioxide when mixed with water.

A 100 ppm use-solution of chlorine dioxide has been shown to be effective against: Canine Parvovirus, HanYanvirus, Minute Virus of Mouse (MVMV-1), Minute Virus of Mouse (Parvovirus) (MVMV-2), Mouse Hepatitis Virus (MHV-AS9), Minute Virus (MHV-JHN), Mouse Parvovirus type 1 (MPV-1), Murine Parainfluenza virus type 1 (Sendai), Staphylococcus aureus (Coronavirus) (SDAV), and Theiler's Mouse Encephalomyelitis Virus (TMEV) after 10 minutes of contact.

A 200 ppm use-solution of chlorine dioxide is a broad spectrum disinfectant effective against Human coronavirus and the following gram negative and gram positive bacteria: *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis*, *Bordetella bronchiseptica*, *Staphylococcus aureus* (MRSA), *Corynebacterium bovis* and *Helicobacter pylori* after 10 minutes of contact. The 200 ppm use-solution is also tuberculocidal against *Mycobacterium bovis* after 5 minutes of contact at 20° C and MB-10 Tablets® can be used as a disinfectant / virucide / tuberculocidal in Hospitals, Medical, Dental, Industrial, Institutional and Manufacturing Facilities, Laboratory Animal Facilities, Clinical and Research Laboratories, Veterinary Clinics and Hospitals, Animal Rearing and Confinement Facilities, Animal Research Facilities and Laboratories, and other institutional/industrial applications that involve the housing of animals.

DIRECTIONS FOR USE

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

PREPARATION OF USE SOLUTION:

50 ppm Chlorine Dioxide (for sanitization of hard, nonporous food contact surfaces). In a clean plastic pail, place two (2) 1.5 gram MB-10 Tablets® for every gallon of clean potable water. Or, in a plastic pigmented spray bottle, place one (1) 1.5 gram MB-10 Tablets® for every quart (or liter) of clean, potable water. Prepare in a well ventilated area. Wait 10 minutes for the 1.5 gram tab to completely dissolve. Once dissolved, this will yield a working solution of 50 ppm of free chlorine dioxide. Once mixed, this solution should be used within 7 days.

100 ppm Chlorine Dioxide (for control of animal viruses),

In a clean plastic pail or plastic pigmented 1 gallon bottle, place either one (1) 6.0 gram MB-10 Tablets® or four (4) 1.5 gram MB-10 Tablets® for every gallon (4 liters) of clean potable water. Or, in a plastic pigmented spray bottle, place one (1) 1.5 gram MB-10 Tablets® for every quart (or liter) of clean, potable water. Prepare in a well ventilated area. Once dissolved, this will yield a working solution of 100 ppm of free chlorine dioxide. Wait 10 minutes for the 1.5 gram tab and 15 minutes for the 6.0 gram tab to completely dissolve. Once mixed, this solution should be used within 7 days.

200 ppm Chlorine Dioxide (for disinfection of hard, nonporous surfaces and instruments) and to kill tuberculous bacteria, Human coronavirus and HIV).

In a clean plastic pail or plastic pigmented 1 gallon bottle, place two (2) 6.0 gram MB-10 Tablets® or eight (8) 1.5 gram MB-10 Tablets® for every gallon (4 liters) of clean potable water. Or, in a plastic pigmented spray bottle, place one (1) 1.5 gram MB-10 Tablets® for every pint (or 500 ml) of clean, potable water. Prepare in a well ventilated area. Wait 10 minutes for the 1.5 gram tab and 15 minutes for the 6.0 gram tab to completely dissolve. Once dissolved, this will yield a working solution containing 200 ppm of free chlorine dioxide. Prepare fresh solutions daily.

This product is not to be used as a terminal sterilant / high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to decontaminate pre-cleaned critical or semi-critical medical devices prior to sterilization or high-level disinfection.

LABORATORY ANIMAL FACILITIES, ANIMAL REARING FACILITIES AND ANIMAL RESEARCH FACILITIES AND LABORATORIES

Use MB-10 Tablets® to disinfect and kill tuberculous bacteria, HIV-1, Human coronavirus and animal viruses on hard non-porous surfaces such as floors, walls, counters, stainless steel environmental surfaces, bio-safety hoods, sinks, tics, cages, coops, crates, kennels, instruments and utensils. Pre-clean surfaces and then apply either a 100 ppm chlorine dioxide solution (for animal viruses) or 200 ppm chlorine dioxide solution (for disinfection, HIV-1, and TB control). Apply the use-solution with a cloth, mop, sponge or sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface and spray until totally wet. Do not breathe spray. Allow to air dry.

HEALTH-CARE and VETERINARY FACILITIES

Use MB-10 Tablets® to disinfect pre-cleaned surfaces and to decontaminate instruments in hospitals, medical and dental offices, veterinary offices and clinics and hospitals and related facilities. Apply a 200 ppm chlorine dioxide use-solution to hard, non-porous surfaces and/or instruments thoroughly wetting surfaces with a cloth, mop, sponge or sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface and spray until totally wet. Do not breathe spray. Allow to air dry. The 200 ppm chlorine dioxide use-solution is effective against gram negative and gram positive bacteria, HIV-1, Human coronavirus, animal viruses, and tuberculous bacteria.

MB-10 TABLETS®

Disinfectant / Virucidal* / Tuberculocidal / Food-Contact Surface Sanitizer / Oxidizing Tablets

For use in Hospitals, Medical, Dental, Industrial, Manufacturing and Institutional Facilities, Laboratory Animal Facilities, Clinical and Research Laboratories, Veterinary Hospitals and Clinics, and Animal Rearing and Confinement Facilities.

Active Ingredients:

- Sodium Chlorite 20.8%
- Sodium Dichloroisocyanurate dihydrate 7.0%
- Other Ingredients 72.2%

Total 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for first aid and precautionary statements.

EPA Reg. No. 70060-19-46269
EPA Est. No. 46269-DE-01

NET WEIGHT:
Expiration Date:



Sodium Chlorite in this product is from Spain

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS

that involve healthcare settings, or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects soiled with blood or body fluids can be associated with the transmission of HIV-1. MB-10 Tablets® destroys HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood or other body fluids at 200 ppm and 1 minute contact.

PERSONAL PROTECTION: The worker should wear disposable latex gloves, gown, mask and eye protection to prevent contamination from soiled items.

CLEANING PROCEDURE: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of MB-10 Tablets® solution.

CONTACT TIME: Allow MB-10 Tablets® solution to contact treated items for 1 minute. This contact time will not control other common types of viruses and bacteria.

DISPOSAL OF INFECTIOUS MATERIALS: Any blood and other body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

FOOD-CONTACT SURFACE SANITIZER

Use to sanitize hard, nonporous food-contact surfaces and utensils in food processing plants, breweries, bottling plants, restaurants and other food handling establishments.

Prior to application, remove gross food particles and soil by a pre-rinse, or pre-scrub and, when necessary, pre-soak. Then thoroughly wash or flush surfaces with a good detergent or compatible cleaner followed by a potable water rinse before application of the sanitizer solution.

Apply a use solution of 50 ppm chlorine dioxide to pre-cleaned hard surfaces thoroughly wetting surfaces with a cloth, mop, sponge, coarse sprayer or by immersion. Surfaces must remain wet for at least 60 seconds and then followed by adequate draining and air drying. Do not rinse. Prepare a fresh solution for each use.

INSTITUTIONAL AND INDUSTRIAL FACILITIES

Use MB-10 Tablets® to disinfectant pre-cleaned surfaces in institutional and industrial facilities such as office buildings, food-processing plants, schools, hotels and motels, recreational facilities, recreational centers, institutional kitchens, supermarkets, grocery stores, banks, public facilities and military installations. Apply a 200 ppm chlorine dioxide use-solution to hard, non-porous surfaces thoroughly wetting surfaces with a cloth, mop, sponge or sprayer, or by immersion. Treated surfaces must remain wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface and spray until totally wet. Do not breathe spray. Allow to air dry. A potable water rinse is required for any surface that may come into contact with food.

FIRST AID

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 rinsing eye. Call a poison control center or doctor for treatment advice.

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. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear protective eye wear (goggles, face shield, or safety glasses), protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms.

STORAGE AND DISPOSAL

Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration, and in an area inaccessible to children. Place empty pouch or blister pack and container in plastic bag and discard in trash.

Notice: Seller expressly warrants that the product conforms to its chemical description. There are no warranties associated with the sale of this product, either expressed or implied, including but not limited to the warranties of fitness for a particular purpose.