

6836-324

07/05/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue N.W.
Washington, D.C. 20460

EPA Reg. Number: 6836-324

Date of Issuance: July 5, 2007

Term of Issuance:

NOTICE OF PESTICIDE:
[x] Registration
Reregistration

Name of Pesticide Product: MCDMH-EUP

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Lonza, Inc.
90 Boroline Road
Allendale, N.J. 07401

Note: Changes in labeling differing in substance from that accepted by the Agency with the registration must be submitted to and accepted by the Registration Division prior to use of the label for distribution. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Change EPA File Symbol 6836-GEU to EPA Registration Number 6836-324.
3. On page 2, insert non-food contact as indicated.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Emily H. Mitchell
Emily H. Mitchell
Product Manager 32
Antimicrobials Division (7510P)

Date:

July 5, 2007

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Highly corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Irritating to nose and throat. Do not get in eyes, on skin or on clothing. Do not take internally. Avoid breathing dust and fumes. Wear protective eyewear (goggles or safety glasses), protective clothing and protective gloves (rubber or chemical-resistant) when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for 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 rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

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

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT. Mix only with water. Do not mix with other chemicals. Add product to large quantities of water. Never add water to product. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood with large volumes of water, if necessary.

MCDMH-EUP

Active Ingredients:

1-chloro-5,5-dimethylhydantoin	90.025%
1,3-dichloro-5,5-dimethylhydantoin	8.675%
Other Ingredients:	1.300%
TOTAL:	100.000%

Available chlorine: 44.6%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See side / back / right / left panel for Precautionary Statements and First Aid

EPA Reg. No. 6836-~~324~~ **GEU**
EPA Est. No. 6836-PA-01
Net Weight: 35 grams

Manufactured by:
LONZA Inc., 90 Boroline Road, Allendale, NJ 07401

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

JUL - 5 2007

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DIRECTIONS FOR USE

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

TO SANITIZE, CLEAN AND DEODORIZE

non-food contact

FOR CLEANING AND DEODORIZING:

Apply use-solution to hard nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge or sprayer. Wipe dry with a clean cloth, sponge or mop or allow surfaces to air dry.

TO SANITIZE:

MCDMH-EUP eliminates 99.9% of *Staphylococcus aureus* and *Klebsiella pneumoniae* in 10 minutes.

MCDMH-EUP meets EPA's Sanitizer Test standards for non-food contact sanitizers.

- 1) To prepare **MCDMH-EUP** use solution (15 ppm, as Cl₂), dissolve 1 gram of **MCDMH-EUP** in 7.8 gallons of water.
- 2) Apply **MCDMH-EUP** to sanitize hard nonporous non-food contact surfaces with a cloth, mop, sponge, wiper or coarse sprayer.
- 3) Rub with a brush, sponge, wiper or cloth.
- 4) Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth or sponge or allow to air dry.
- 5) For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from surface. Avoid breathing spray.

(TYPES OF SURFACES:)

Use **MCDMH-EUP** on washable hard, nonporous surfaces of:

- Appliances, exteriors
- Bathroom fixtures
- Bathtubs
- Cabinets
- Cages
- Chairs
- Coils and drain pans of air conditioning and refrigeration equipment and heat pumps
- Conductive flooring
- Desks
- Doorknobs
- Fiberglass bathtubs
- Fiberglass sinks
- Floors
- Garbage cans
- Kennel runs
- Microwave ovens, Exterior Surfaces of
- Outdoor (patio) furniture, except cushions and wooden frames
- Refrigerators, Exterior Surfaces of refrigerated storage and display equipment
- Showers
- Shower stalls
- Sinks (bathroom, kitchen)

- Tables, (Non-wooden picnic tables)
- Telephones
- Toilets
- Toilet bowls
- Toilet bowl surfaces
- Tubs
- Tiles, glazed
- Ultrasonic baths
- Urinals
- Walls
- Whirlpool bathtubs

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RECIRCULATING COOLING WATER SYSTEMS

MCDMH-EUP aids in the control of bacterial, fungal and algal slimes in commercial and industrial cooling towers; heat exchange water systems; evaporative condensers; influent water systems such as flow-through filters, cooling ponds, canals and lagoons; industrial water scrubbing systems; brewery pasteurizers; sewage systems (septic tanks, leach fields, tank lines, sewers, lagoons and sewage effluent water); photo processing wash water; industrial air washing systems equipped with a mist eliminator; cannery cooling, cannery water, cannery package warmers, cannery pasteurizer water and retort water.

This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem.

Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA AND FUNGI

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled add 0.1 to 1.0 pounds to 1000 gallons (or 12 to 120 ppm) of the water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident add 0.1 to 0.75 pounds to 1000 gallons (or 12 to 90 ppm) of water in the system every 3 days or as needed to maintain control.

CONTINUOUS FEED METHOD

Initial Dose: When a system is noticeably fouled, add 0.1 to 1.0 pounds to 1000 gallons (or 12 to 120 ppm) of water in the system.

Subsequent Dose: Continuously feed at a rate of 0.1 to 0.75 pounds to 1000 gallons (or 12 to 90 ppm) of system water.

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FOR CONTROL OF ALGAE

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled add 0.1 to 1.0 pounds per 1000 gallons (or 12 to 120 ppm) of the water in the system. Repeat until control is achieved.

Subsequent Dose: When algae control is evident add 0.1 to 0.75 pounds to 1000 gallons (or 12 to 90 ppm) daily or as needed to maintain control.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add 0.1 to 1.0 pounds to 1000 gallons (or 12 to 120 ppm) of water in the system. Repeat until control is achieved.

Subsequent Dose: Continuously feed at a rate of 0.1 to 0.75 pounds per day per 1000 gallons (or 12 to 90 ppm) of system water.

AIRWASHERS

For use only in industrial airwasher systems that maintain effective mist eliminating components.

MCDMH-EUP controls slime forming bacteria, fungi and algae in industrial airwasher systems. Add **MCDMH-EUP** at the rate of 0.1 to 1.0 pound (12 to 120 ppm) per 1000 gallons of water in the system, depending upon the severity of the contamination.

Control the application by measuring the free chlorine residual in the treated water. There is no need to exceed 1.0 ppm as free chlorine.

Badly fouled systems must be cleaned before treatment is begun.

INTERMITTENT OR SLUG METHOD

Initial Dose: When system is noticeably fouled add to airwasher sump or chill water sump to insure uniform mixing. Add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water.

Subsequent Dose: When microbial control is evident add 0.1 to 0.60 pounds per 1000 gallons (or 12 to 72 ppm) of water.

CONTINUOUS FEED METHOD

Initial Dose: When system is noticeably fouled add to airwasher sump or chill water sump to insure uniform mixing. Add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water.

Subsequent Dose: When microbial control is evident add 0.1 to 0.6 pounds per 1000 gallons (or 12 to 72 ppm) of water.

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PHOTO PROCESSING WASH WATER

The photo processing system should first be properly cleaned with a mild hypochlorite solution following manufacturer's instructions. The use of **MCDMH-EUP** IS NOT intended to remove an existing buildup of slime. **MCDMH-EUP** slowly releases hypochlorous acid when exposed to a flow of water. To prevent or substantially reduce slime, **MCDMH-EUP** may be introduced into the wash water by suspending **MCDMH-EUP** directly in the wash tanks as far as possible from film or paper and away from areas of extreme turbulence. Begin by placing **MCDMH-EUP** in the wash tank. If slime is observed, add more **MCDMH-EUP** waiting several hours between additions. To prevent film damage, rinse **MCDMH-EUP** in water before placing into wash tank. It is intended that 0.5 to 1.5 ppm of residual chlorine be introduced into the water supply line. Four to twelve grams of **MCDMH-EUP** will introduce 0.5 to 1.5 ppm residual chlorine in 1,000 gallons of water. Actual use will depend on the amount of biological fouling. To avoid excess introduction of chlorine into the processor wash tanks, a chlorine test kit should be used to periodically test the water in the wash tanks. If a residual above 1.5 ppm is indicated, remove **MCDMH-EUP** until the residual drops to 0.5 ppm. If the processor is turned off for any extended period of time, the **MCDMH-EUP** in the wash tanks should be removed.

NOTE: Seller liability under all warranties, expressed or implied, is limited to replacement of defective product and seller shall have no liability for consequential damages.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Keep container tightly closed. Store in a cool, dry well-ventilated area inaccessible to children. Do not store at elevated temperatures.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of 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: Metal Containers: Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **Plastic Containers:** Triple rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Fiber Drums with Liners:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

Questions? Comments? Call (insert telephone number here)

This product contains no phosphates or phosphorous compounds. No mess.

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