

6836-324

4/14/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, DC 20460

APR 14 2014

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ruth Trager  
Lonza Inc.  
90 Boroline Road  
Allendale, NJ 07401

Subject: MCDMH-EUP  
EPA Reg. No. 6836-324  
Application Date: March 17, 2014  
Receipt Date: March 18, 2014

Dear Ms. Trager:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

**Proposed Notification:**

- Added Spanish Language to the label
- Added place holders for DOT symbols, country of origin, manufactured in and barcode
- Added "precleaned" to sanitizing directions
- Add not approved in California footnotes

**General Comments:**

Based on a review of the material submitted, the following comment applies:

The regulations require that when foreign language text is used on the label that the English translation appear on the label as well. The notification application is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov) or call (703) 308-6345.

Sincerely,

A handwritten signature in black ink, appearing to read "Wanda Y. Henson".

Wanda Y. Henson (Team 32)  
Environmental Protection Specialist  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

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<b>EPA</b> Environmental Protection Agency Washington, DC 20460	United States <input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number <b>6836-324</b>	2. EPA Product Manager <b>Demson Fuller</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>MCDMH-EUP</b>	PM# <b>32</b>	
5. Name and Address of Applicant (Include ZIP Code) Lonza Inc. 90 Boroline Road Allendale, NJ 07401  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____

**Section - II**

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below
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**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

**\*Not Subject to PRIA\***

**Final Notification per PR Notice 98-10 - See cover letter for details.**

This notification is consistent with the provisions of PR-Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Signature: Ruth Trager Date: ~~3/22/13~~ 3/17/2013

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No <i>*Certification must be submitted</i>	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt.      No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt.      No. per container		<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container  varies		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Ruth Trager</b>	Title <b>Sr. Manager, Regulatory Assurance</b>	Telephone No. (Include Area Code) <b>201-316-9227</b>
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature  <u>Ruth Trager</u>	3. Title <b>Sr. Manager, Regulatory Assurance</b>	
4. Typed Name <b>Ruth Trager</b>	5. Date <b>March 17, 2014</b>	

Via FedEx

Mr. Demson Fuller, PM-32  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
US Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2227 S. Crystal Drive  
Arlington, VA 22202

Lonza Inc.  
90 Boroline Road  
Allendale, NJ 07401

**Ruth Trager**  
Sr. Manager, Regulatory Assurance

Tel 201-316-9327  
Fax 201-696-3560  
Ruth.Trager@lonza.com

March 17, 2014

**SUBJECT: MCDMH-EUP  
EPA Reg. No. 6836-324  
Label Notification**

Dear Mr. Fuller:

On behalf of Lonza Inc., I am submitting a notification to update the label for this registration.

The changes are as follows:

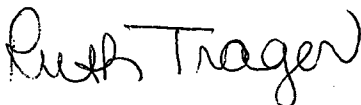
- Page 1: Added optional Spanish Signal word "Peligro";
- Page 1: Added placeholders for optional DOT symbols, country of origin, manufactured in and barcode;
- Page 3: Added "notes to reviewer";
- Page 4: Added optional Spanish statement; added "precleaned" to step 2 of the sanitizing directions;
- Pages 4 and 5: Added footnote to uses not approved in California.

In support of this notification enclosed are the following documents:

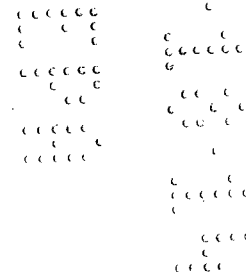
- EPA Form 8570-1, Application for Notification;
- Certification with Respect to Label Integrity;
- CD with label; and
- One copy of the proposed label with changes highlighted

If you have any questions or need any additional information, please feel free to contact me at 201-316-9327 or [ruth.trager@lonza.com](mailto:ruth.trager@lonza.com).

Sincerely,



Ruth Trager  
Sr. Manager, Regulatory Assurance



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# MCDMH-EUP

Active Ingredients:

1-chloro-5,5-dimethylhydantoin .....	90.025%
1,3-dichloro-5,5-dimethylhydantoin .....	8.675%
Other Ingredients: .....	<u>1.300%</u>
TOTAL: .....	100.000%

Available chlorine: 44.6%

**KEEP OUT OF REACH OF CHILDREN**

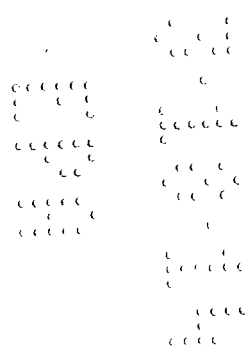
**DANGER [PELIGRO]**

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

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

[DOT Symbols]  
 [Country of origin (*insert country*)]  
 [Manufactured in (*insert country*)]  
 [Barcode]

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



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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.

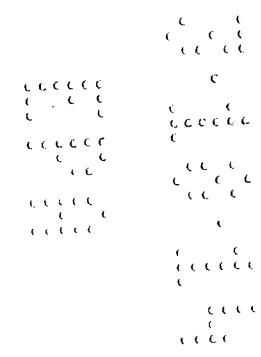
**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**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.



{Note to reviewer: The following is considered optional marketing language.}

**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.

**[TYPES OF SURFACES:]**

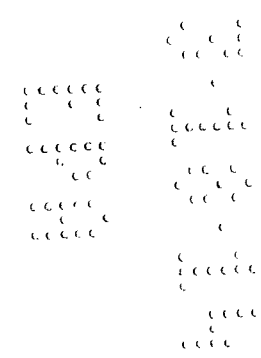
Use **MCDMH-EUP** on washable hard, nonporous surfaces of:

*{Note to reviewer: Each entry below also represents a graphic depicting the corresponding type of surface. No people, animal or food will be depicted in graphics. Only exteriors of microwaves and refrigerators will be depicted. Toy graphics will be submitted to Agency for review.}*

- 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]
- Stoves [stovetops]
- Tables, [Non-wooden picnic tables]
- Telephones
- Toilets
- Toilet bowls
- Toilet bowl surfaces
- Tubs
- Tiles, glazed
- Ultrasonic baths
- Urinals
- Walls
- Whirlpool bathtubs

Questions? Comments? Call *(insert telephone number here)*

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



*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}  
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. [If you do not understand the label, find someone to explain it to you in detail.]*

**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**

**FOR CLEANING AND DEODORIZING:**

Apply use-solution to hard nonporous non-food contact 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:**

1. To prepare **MCDMH-EUP** use solution [15 ppm, as Cl<sub>2</sub>], dissolve 1 gram of **MCDMH-EUP** in 7.8 gallons of water.
2. Apply **MCDMH-EUP** to sanitize pre-cleaned 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.

**RECIRCULATING COOLING WATER SYSTEMS<sup>1</sup>**

**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<sup>1</sup>**

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.

**PHOTO PROCESSING WASH WATER<sup>1</sup>**

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.

<sup>1</sup>Not approved for use in California



## 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.

