

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC - 2 2003

Mr. Joseph E. Dyer
Regulatory Agent
PM Resources, Inc.
13001 St. Charles Rock Rd.
Bridgeton, MO 63044

Subject: **Quaternary Disinfectant**
EPA Registration Number 67517-17
Letter Dated September 15, 2003
EPA Received Date September 23, 2003

Dear Mr. Dyer:

The following amendment, submitted in connection with registration the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with comments.

Proposed Amendment:

- revise labeling per EPA letter dated 9/03/03

Major Comments:

1. Under Quaternary Disinfectant add "and sanitizing Egg Shells" after Hospitals and Nursing Homes.
2. Under "Direction For Use" on side/back add the word "hard " non-porous surfaces. Also list these surfaces.
 - a. add this "and sanitizing Egg Shells" after Hospitals and Nursing Homes.
 - b. delete "all surfaces" or specific the surfaces for sanitizing .
 - c. add the word "followed" by a preflush, or pre-scrape and when necessary.....
3. Under "Direction For Use on Side/Back Panel add "non porous" hard surfaces were describing floors, walls
 - a. The direction that read "Thoroughly clean floors, walls, ... remove these directions they were not on the last stamped label and you have not provided data to support these claims.

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

General Comments:

A stamped copy of the labeling accepted with conditions is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland on (703) 308-6224.

Sincerely,



Velma Noble

Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510C)

Enclosure Stamped Label

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FRONT PANEL
QUATERNARY DISINFECTANT

For use in Food and Beverage Processing Plants, Food Handling, Industrial and Institutional Establishments, Hospitals and Nursing Homes.

Quaternary Disinfectant is effective against the following organisms—Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa, and Trichophyton interdigitale.

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides.....	14	16	12	18		
						11.8%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides.....						11.8%
OTHER INGREDIENTS:						76.4%
					TOTAL	100.0%

KEEP OUT OF THE REACH OF CHILDREN
DANGER
SEE SIDE/BACK PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

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 eyes.
- ° Call a poison control center or doctor for treatment advice.
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- 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.
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- 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.
- =====

HOT LINE NUMBER

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Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment information.

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NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

Net Contents: 1 GAL. (3.785L)

ACCEPTED
with COMMENTS
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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 67517-17

SIDE/BACK PANEL

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER**

Corrosive. Causes irreversible eye damage and skin burns. Harmful or fatal if swallowed. Avoid contamination of food. Do not get in eyes, on skin or on clothing. Wear goggles, face shield or safety glasses, protective clothing, and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not discharge the effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of the 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.

DIRECTIONS FOR USE

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

For use in Food and Beverage Processing Plants, Food Handling, Industrial and Institutional Establishments, Hospitals and Nursing Homes:

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 pre-clean or decontaminate critical or semi critical medical devices prior to sterilization or high level disinfection.

Thoroughly clean equipment by prescraping, presoaking or preflushing all equipment, walls and floor. Wash all surfaces thoroughly with a good detergent or compatible cleaner. Sanitize with 1/2 ounce of Quaternary Disinfectant per 4-1/2 gallons of water (provides 200 ppm of quaternary). Apply with cloth, soak or spray with automatic proportioning equipment. Make sure all surfaces have been thoroughly wetted. Treated surfaces must remain wet for at least one minute. No rinse is required after sanitizing at this concentration. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application use, solution may not be reused for sanitizing applications.

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SIDE /BACK PANEL

DIRECTIONS FOR USE (CONTINUED)

First wash dishes, glassware and silverware in a good detergent or compatible cleaner. Rinse thoroughly. Immerse in a solution of 1/2 ounce of Quaternary Disinfectant per 4-1/2 gallon of water (provides 200ppm of quaternary). No potable water rinse is required at this dilution.

Thoroughly clean floors, walls, and other hard surfaces by prescraping or preflushing with good detergent or compatible cleaner. Rinse. Disinfect with 1-1/2 ounces of Quaternary Disinfectant per 5 gallons of water (provides 550 ppm of quaternary). Apply with a clean mop or cloth so as to wet surfaces thoroughly. Treated surfaces must remain wet for 10 minutes. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Sanitizing Shell Eggs Intended for Food:

To sanitize previously cleaned food-grade shell eggs in shell egg and egg-processing plants, spray with, or immerse, in a solution of 1/2 ounce of Quaternary Disinfectant in 4-1/2 gallons of warm water (provides 200 ppm quaternary). The solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and contact time of 1 minute is required for proper sanitation. Allow to drain and air dry. Eggs sanitized with this solution shall be subject to a potable water rinse only if they are broken immediately for use in manufacturing of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.

STORAGE AND DISPOSAL

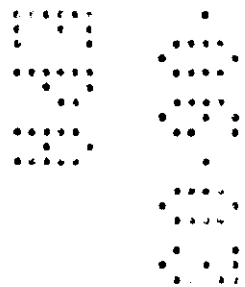
Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Pesticide Storage: Store in original container in area inaccessible to children. Do not store at temperatures above 120°F or below 32°F.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture, or 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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SIDE /BACK PANEL

NOTICE OF WARRANTY¹

PM RESOURCES, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.

OR

Buyer assumes all responsibility for safety and use not in accordance with directions.

¹ The use of any notice of warranty statement is optional.

EPA Reg. No.: 67517-17

EPA Est. No.: 67517-MO-1

Net Contents: 1 GAL. (3.785L)

Manufactured By
PM RESOURCES, INC
13001 St. Charles Rock Road
Bridgeton, MO 63044

(Lot/Code/Product/Rev./Numbers as needed)

Mfg. & Printed in U.S.A.

Precautionary Labeling Must Meet Type Size and Prominence Requirements.

ACCEPTED
with COMMENTS
EPA Letter Dated:

DEC 2 2008

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 67517-17

