

1448-400

1/16/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

January 16, 2003

Dennis L. Barbee, Ph.D.
Director, Regulatory Affairs
Buckman Laboratories, Inc.
1256 North McLean Blvd.
Memphis, TN 38108

Subject: PCA 10
EPA Registration No. 1448-400
Application Date: November 25, 2002
EPA Received Date: November 29, 2002

Dear Dr. Barbee:

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

Proposed Amendment

- Update First Aid Statement per PR Notice 2001-1

Conditions

Revise the label as follows:

1. Separate the Precautionary Statement heading from the First Aid Statements. In addition, the precautionary heading and its statement must be grouped together to read as follows:

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

2. The child signal word "Caution" and the "Keep Out of Reach of Children" statement must be placed under the ingredient statement

CONCURRENCES

SYMBOL	15100						
SURNAME	Barbee						
DATE	1/16/03						

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 me at 703-308-6422.

Sincerely,



Adam Heyward
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510 C)



KEEP OUT OF REACH OF CHILDREN

CAUTION

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 further treatment advice.
If on Skin, Clothes	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center for treatment advice.
If Ingested	- Call 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. - Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.	

CAUTION: Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a 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.

Physical or Chemical Hazards: Do not use or store near heat or open flame.

ACCEPTED with COMMENTS - EPA Letter Dated:

JAN 16 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1448-400

ACTIVE INGREDIENTS:	
Poly[oxyethylene(dimethyliminio)ethylene]	10.0%
(dimethyliminio) ethylene dichloride]	
INERT INGREDIENTS:	90.0%
TOTAL	100.0%

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. PESTICIDE STORAGE: Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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: PLASTIC: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. METAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.



Manufactured by Buckman Laboratories, Inc. 125 North McLean Blvd., Memphis, Tennessee 38108, USA (201) 278-0330 or 1-800-BUCKMAN

EPA Est. No.	1448-TN-1	
EPA Reg. No.	1448-400	Net contents are marked on the container.
Product Weight	8.7 lbs/gal 1.04 kg/L	

HMIS / NPCA Ratings			Last Revision
Health	3	Flammability 1	9/26/2002
		Reactivity 1	

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent

PCA 10 is used to control algae, bacteria, and fungi in recirculating commercial. Prior to its use, systems should be cleaned to remove existing algal growth, microorganisms, and debris. Add 5.8 to 14.6 fluid ounces of PCA 10 per 1000 gallons of water to provide 48 to 120 ppm. Repeat initial dosage until control is evident. Subsequent dosages should be employed every 2 to 5 days, or as needed. The frequency of application and the severity of the microbiological problem.

PCA 10 is used to control bacteria in industrial air-washing systems that maintain high humidity. Prior to its use, systems should be cleaned to remove existing bacterial slime and other deposits. An initial slug dose of 10 to 20 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent dosages should be employed every 1 to 5 days, or as needed. The frequency of application and the severity of the bacterial problem. Slug additions may be made to the sump or

PCA 10 is used to control the growth of algae in recreational water systems such as swimming pools, hot tubs, and decorative fountains and ponds. For optimum results, use PCA 10 prior to using PCA 10.

For recreational water systems having just visible algae growth, add 22 to 60 fluid ounces of PCA 10 per 10,000 gallons of water. Repeat initial dosage until control is evident. Brush walls and floors between applications. For treatment of freshly cleaned decorative fountains and ponds, add 0.4 to 0.8 fluid ounces of PCA 10 per 10,000 gallons of water. Subsequent additions of 4 to 8 fluid ounces should be employed every 2 to 7 days after initial treatment for maintenance.

For decorative fountains and ponds having just visible algae growth, add an initial slug dose of 10 to 20 gallons of water. For treatment of freshly cleaned decorative fountains or ponds, add 0.4 to 0.8 fluid ounces of PCA 10 per 10,000 gallons of water. Subsequent additions of 4 to 8 fluid ounces should be employed every 2 to 7 days for maintenance.

PCA 10 will control and prevent most algae growths during off-season winter months. For swimming pools, add 22 to 60 fluid ounces of PCA 10 per 10,000 gallons of water. If, at the end of the swimming season, systems have not been properly treated during the summer months, systems having less than 10,000 gallons of water. It is necessary that a uniform distribution of algaecide be achieved. For recreational water systems, such as pools and spas, are not covered during the off-season. PCA 10 is compatible at use levels with other chemicals used to prevent water cloudiness during treatment. Do not add chlorinated shock treatments or concentrated dry or liquid chlorine products.