

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 10 2003

Buckman Laboratories, Inc.  
1256 North McLean Blvd  
Memphis, TN 38108

Attention: Kristin M. Miller  
Regulatory Affairs Specialist

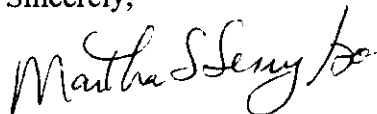
Subject: D-25-1  
EPA Registration No. 1448-198  
Notification Dated March 24, 2003

This will acknowledge receipt of your notification to include additional label layout comments, submitted under the provisions of FIFRA Section 3(c)9. Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Please read instructions on reverse before completing form.

Form Approved MB No. 2070-0060. Approval expires 2-28-95

 United States <b>Environmental Protection Agency</b> Washington, DC 20460	<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 1448-198	2. EPA Product Manager M. Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) D-25-1	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Buckman Laboratories, Inc. 1256 N. McLean Blvd. Memphis, TN 38108 <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

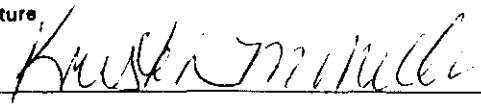
<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 Notification: Revised Label Layout

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input 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 Kristin M. Miller	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (901) 272-6770
<b>Certification</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 	3. Title Regulatory Affairs Specialist	
4. Typed Name Kristin M. Miller	5. Date March 24, 2003	



**ACTIVE INGREDIENT(S)**

Potassium dimethyldithiocarbamate..... 25.0%

**INERT INGREDIENTS**..... 75.0%

**TOTAL**..... 100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**FIRST AID**

If in Eyes	- Hold eyes 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.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**Precautionary Statements**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. Causes eye and skin damage. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Avoid Contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. 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.

**Directions for Use**

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

**COOLING WATER SYSTEMS:** D-25-1 is used to inhibit the growth of microorganisms industrial, commercial and institutional cooling water systems. In noticeably fouled systems, D-25-1 should be added daily at a rate of 4.5 to 6.8 fl. oz. of D-25-1 per 1000 gallons of system water (40 - 60 ppm) until control is evident. Subsequent additions of D-25-1 should be made to the system as needed at a rate of 2.3. to 6.8 fl. oz. of D-25-1 per 1000 gallons of system water (20-60 ppm) to maintain control. The frequency of treatment depends upon the severity of the microbiological problem. For best results the system should be cleaned prior to treatment.

**INDUSTRIAL AIR WASHER SYSTEMS:** D-25-1 is used to inhibit the growth of microorganisms in industrial air washer systems. In noticeably fouled systems, D-25-1 should be added at a rate of 10.6 to 13.6 fl. oz. of D-25-1 per 1000 gallons of water (90-120 ppm) until control is evident. Subsequent additions of D-25-1 should be made to the system as needed at a rate of 7.9 to 13.6 fl. oz. of D-25-1 per 1000 gallons of water (70-120 ppm) to maintain control. The frequency of treatment depends upon the severity of the microbiological problem. For best results the system should be cleaned prior to treatment.

**PETROLEUM SECONDARY RECOVERY WATERFLOODING OPERATIONS:** D-25-1 used to control sulfate-reducing bacteria in petroleum secondary waterflooding operations. In systems fouled with microbiological deposits, D-25-1 should be added as a slug dose to provide a concentration of 16 to 32 ppm (1.9 to 3.8 fl. oz. of D-25-1 per 1000 gal. of water treated). This should be followed by a continuous addition of D-25-1 employing a chemical metering pump to maintain a concentration of 16 ppm, based on the total weight of water treated. Both slug additions and continuous addition of D-25-1 should be made at the heater-treater pump, gathering lines, or receiving tanks. Additions should always be made upstream of the filter. D 25-1 is also used to inhibit the growth of fungi and bacteria in water-based drilling muds, completion fluids, packer fluids, and other water-based fluids containing starch, gums, sugars, or other organic materials. For these purposes, D-25-1 is added at rates of 5.65 to 9.5 gal. per 100 barrels of fluid (0.13 to 0.23% by volume).

**INDUSTRIAL WATER PURIFICATION SYSTEMS:** D-25-1 is used to control microbiological fouling in industrial water purification systems including reverse osmosis, filters, clarifiers, and ion exchange equipment. For off-line treatment, D-25-1 should be fed at a concentration of 9.2 to 23.0 fl. oz. per 1,000 gallons of water (80-200 ppm) for 4 to 8 hours. For on-line maintenance treatment, feeding 2.3 to 4.6 fl. oz. D-25-1 per 1,000 gallons of water (20-40 ppm) for 6 to 12 hours should be made once a week or as needed to maintain control. **Not intended for use in potable water systems.**

Do not contaminate water.  
**PESTICIDE STORAGE:** Store in a cool, dry place. Do not store more than four drums high. Label should be legible. Spill should be cleaned up and disposed of in a landfill. Keep container closed.  
**PESTICIDE DISPOSAL:** Do not mix with other pesticides. Excess pesticide, spray cannot be disposed of in a landfill. Pesticide or Environmental Protection Agency (EPA) Regional Office.  
**CONTAINER DISPOSAL:** Triple rinse (or more) and recycle where possible. If not, puncture and dispose of in a landfill.  
**PLASTIC:** Triple rinse (or more) and recycle where possible. If not, puncture and dispose of in a landfill.  
**METAL:** Triple rinse (or more) and recycle where possible. If not, puncture and dispose of in a landfill and local authorities.

Manufactured by

1256 North McL...

EPA Est. No.

EPA Reg. No.

Product Weight

HMS / I

Health 3 Flamm