

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON D.C., 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

FEB 1 8 2010

Buckman Labratories, Inc. 1256 North McLean Blvd Memphis, TN 38108-124

Attention: Carl Watson Regulatory Manager

Subject:

Notification

D-50-4

EPA Reg. No. 1448-282

Amendment Letter dated January 15, 2010

This will acknowledge receipt of your notification for the aforementioned product labels, submitted under the provisions of FIFRA Section 3(c) (9). Based on a review of the submitted material, the following apply:

• Updating container disposal language per PR Notice 2007-4

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 Demson Fuller at (703) 308-8062.

Sincerely,

Marshall Swindell

Product Manager (33)

Regulatory Management Branch 1 Antimicrobials Division (7510C)

Please read instructions o	n reverse before comp.	ng form.		Form Approved	MB No. 20	70-0060	D. Approval expires 2-28-9
United States Environmental Protecti Washington, DC 20			tion Agency		Registrat Amendm Other	ion	OPP Identifier Number
		Application	n for Pesticio	de - Section	I	***************************************	,
1. Company/Product Num 1448-282	ber		2. EPA Product Manager Marshall Swindell		3. Pro	3. Proposed Classification None Restricted	
4. Company/Product (Nam D-50-4	18)		PM# 33			, none	
5. Name and Address of Applicant (Include ZIP Code) Buckman Laboratories, Inc. 1256 N. McLean Blvd Memphis, TN 38108 Check if this is a new address			6. Expedited Reveiw. 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 - I				
Amendment - Expl	sponse to Agency letter	r deted	Final printed labels in repsonse to Agency letter dated "Me Too" Application. Other - Explain below.				
Explanation: Use additing Label Amendment: Non-PlacTION: Revise the Stora Contact: cfwatson@buckm	RIA action. ge & Disposal Section in	order to comply w	with PR Notice 2007				
! 			Section - II	1			
1. Material This Product V	Vill Be Packaged In:		T		,		
Child-Resistant Packaging Yes No	Yes		Water Soluble Packaging 2. Type of Yes No			Metal Plastic Glass	
* Certification must be submitted			If "Yes" Package wgt			pecify)	
3. Location of Net Content	ts Information Container	4. Size(s) Retai	il Container	5. Lo	cation of Label	Direction	ns
6. Manner in Which Label		Lithogra Paper gl Stencile	graph Other				
			Section - IV	7			
1. Contact Point (Comple	te items directly below (for identification	of individual to be	contacted, if nec	essary, to proc	ess this	application.)
Name Carl Watson			· F			Felephone No. (Include Area Code) (901) 272-6228.	
Certificant Control of the Control o			d all attachments thereto are true, accurate and complete.				6. Date Application Boceived (Stamped)
2. Signature Carl Jule			Sr. Regulatory Toxicologist			<pre></pre>	
4. Typed Name Carl F. Watson, Ph.D.		5.	15 January 2010				

Buckman

BUCKMAN LABORATORIES INTERNATIONAL, INC.

January 15, 2010

1256 NORTH McLEAN BLVD.

MEMPHIS, TN 38108-1241 U.S.A.

TELEPHONE (901) 278-0330

FAX (901) 276-5343

www.buckman.com
e-mail: knetix@buckman.com

Marshall Swindell, PM 33 Regulatory Management Branch I Antimicrobial Division (H7504P) U.S. Environmental Protection Agency Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22203-4501

Re: Label Revisions: PR Notice 2007-4 Pesticide Container and Containment Rule EPA Reg. Nos.: 1448-103, -115, -128, -180, -185, 198, -202, -277, -282, -283, -337, -338, -339, -389, -390, -391 & -392

Dear Mr. Swindell:

Buckman Laboratories submits the following amendment for the product labels listed below:

BUSAN 1058 (EPA Reg. # 1448-103)	D-10-14 (EPA Reg. # 1448-283)
NM-875-11 (EPA Reg. # 1448-115),	D-33-1 (EPA Reg. # 1448-337)
NM-35-1 (EPA Reg. # 1448-128)	D-33-2 (EPA Reg. # 1448-338)
NM-175-11 (EPA Reg. # 1448-180)	D-33-3 (EPA Reg. # 1448-339)
D-10-1 (EPA Reg. # 1448-185)	D-33-5 (EPA Reg. # 1448-389)
D-25-1 (EPA Reg. # 1448-198)	D-33-6 (EPA Reg. # 1448-390)
D-50-1 (EPA Reg. # 1448-202)	D-33-7 (EPA Reg. # 1448-391)
D-25-5 (EPA Reg. # 1448-277)	D-33-8 (EPA Reg. # 1448-392)
D-50-4 (EPA Reg. # 1448-282)	

Please find enclosed the EPA application Form 8570-1 and 5 copies of the draft revised labels incorporating changes per comments from PR Notice 2007-4 regarding the Pesticide Container and Containment Rule. If you should you have any questions or require additional information, please feel free to contact me or Crystal Brown at (901) 272-8258 (cwbrown@buckman.com).

Sincerely,

BUCKMAN LABORATORIES INTERNATIONAL, INC.

Carl F. Watson, Ph.D. Sr. Regulatory Toxicologist

D-50-4

Buckman

ACTIVE INGREDIENT(S)
Potassium dimethyldithiocarbamate
INERT INGREDIENTS
TOTAL

50.0% 50.0% 100.0%

DANGER

	FIRST AID
lf 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 or doctor for treatment advice.
If Swallowed	 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
	product container or label with you when calling a Poison Control Center or doctor or going for treatment. also contact 901-767-2722 for emergency medical treatment information.
	NOTE TO PHYSICIAN
Probable	e mucosal damage may contraindicate 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. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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.

D-50-4

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Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Do not expose to extreme temperatures. Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spill 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 your EPA Regional Office for guidance.

CONTAINER DISPOSAL:

(Text for all nonrefillable containers)

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

{Liquid residue removal statement for nonrefillable containers with capacity of 5 gals or less}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for the later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

{Liquid residue removal statement for nonrefillable containers with capacity of >5 gals}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use of disposal. Repeat this procedure two more times.

(Text for all nonrefillable containers)

Then offer for recycling if available or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

{Text for refillable containers}

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

For containers larger than 55 gallons:

To clean the container prior to refilling or disposal, use a pressure wash as follows: Empty the remaining contents into application equipment or a mix tank. Use a pressure wash system that rinses all interior sides with water and that is rated at >40 psi and >120F. Pressure wash the container for a length of time that ensures that a minimum 25% of the container volume of water is used. During the pressure wash, ensure that the container valve is left open for continuous draining. Collect the rinsate and empty into application equipment or a mix tank or store rinsate for later use or disposal. Allow container to drain for 10 minutes after pressure wash is completed.

For containers 55 gallons and smaller:

To clean the container prior to refilling or disposal, use a triple rinse wash as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously. Pour or pump rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this rinsing procedure two more times.

Do not discharge rinsate permit and the permitting	authority has been notified in writing prior to disch	two more times. the requirements of a National Pollutant Discharge large. Do not discharge rinsate containing this proce contact your State Water Board or Regional Office	luct to sewer systems without
Batch code:			
Manufactured by	Buckman Laboratories, Inc. 1256 North McLean Blvd., Mem (901) 278-0330 or 1-800-282-562	phis, Tennessee 38108, USA	
EPA Est. No.	1448-TN-1		·
EPA Reg. No.	1448-282	· · · · · · · · · · · · · · · · · · ·	, , ,
Product Weight	10.4 lbs/gal 1.23 kg/l	Net contents are marked on the ວັດກະລາຕ	
HMIS /	NPCA Ratings	(((((((((((((((((((Last Revision
Health 3 Flamr	nability 1 Reactivity 1		12/11/2009

D-50-4

Buckman

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-50-4 is used to inhibit the growth of microorganisms in industrial, commercial and institutional cooling water systems. In noticeably fouled systems, D-50-4 should be added daily at a rate of 2.0 to 3.0 fl. oz. of D-50-4 per 1000 gallons of system water (20 - 30 ppm) until control is evident. Subsequent additions of D-50-4 should be made to the system as needed at a rate of 1.0 to 3.0 fl. oz. of D-50-4 per 1000 gallons of system water (10-30 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-50-4 is used to inhibit the growth of microorganisms in industrial air washer systems. In noticeably fouled systems, D-50-4 should be added at a rate of 4.7 to 6.0 fl. oz. of D-50-4 per 1000 gallons of water (47-60 ppm) until control is evident. Subsequent additions of D-50-4 should be made to the system as needed at a rate of 3.5 to 6.0 fl. oz. of D-50-4 per 1000 gallons of water (35-60 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 WATER PURIFICATION SYSTEMS: D-50-4 is used to control microbiological fouling in industrial water purification systems including reverse osmosis systems, filters, clarifiers, and ion exchange equipment. For off-line treatment, D-50-4 should be fed at a concentration of 5.0 to 10.0 fl. oz. per 1,000 gallons of water (50-100 ppm) for 4 to 8 hours. For on-line maintenance treatment, feeding 1.0 to 2.0 fl. oz. D-50-4 per 1,000 gallons of water (10-20 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. Not registered for this use in California.

