

1448-128

5/9/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

1448-128

Date of Issuance

MAY - 9 2012

Term of Issuance:

Conditional

Name of Pesticide

Product:

NM-35-1

NOTICE OF PESTICIDE:

Registration

X Reregistration (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Potassium N-methyldithiocarbamate RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.

1. Make the following label changes:

a. The EPA Registration Number must read "1448-128".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Handwritten signature of Marshall Swindell

Date:

MAY - 9 2012

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- b. Include additional text to the Note to Physician that addresses eye irritation concerns.
- c. Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

"DANGER

Corrosive. Causes irreversible eye damage and skin burn. May be fatal if absorbed through skin. Do not get in eyes, or on clothing. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles or face shield, coveralls over long sleeved shirt and long pants, socks, chemical-resistant footwear, and chemical-resistant gloves made of any water proof material. When mixing and loading or cleaning equipment wear a chemical-resistant apron.

For open pouring of this product workers must also wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G)."

- d. The following User Safety Requirements text must be added to the label:

"Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them."

- e. Per the acute toxicity review, the following User Safety Recommendations must be added to the label:

"User Safety Recommendations

Wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing."

- f. The first sentence of the Environmental Hazard statement must be revised per the RED to read "This pesticide is toxic to mammals, birds, aquatic invertebrates and fish."

- g. Per page 201 of the Metam RED, the statement "a metering pump system must be used when applying this product" is needed for use in cooling water systems. Please add this text to the label.

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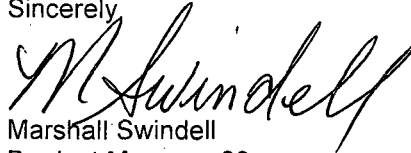
2. For additional labeling clarity and consistency, please refer to the enclosed EPA reviews.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact me at (703) 308-6341 or by email at swindell.marshall@epa.gov or Martha L. Terry at (703) 308-6217 or by email at terry.martha@epa.gov.

Sincerely



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosures

NM-35-1

Buckman

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ACTIVE INGREDIENT(S)

Disodium cyanodithioimidocarbonate.....	14.7%
Potassium N-methyldithiocarbamate.....	20.3%
INERT INGREDIENTS.....	65.0%
TOTAL.....	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

ACCEPTED
with COMMENTS

EPA Letter Dated:

MAY - 9 2012

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

1448-128

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 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	
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-767-2722 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 irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves and protective clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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 Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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 five drums high. Drums should be opened in well-ventilated areas. 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 toxic. 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 1/4 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 1/4 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 or 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 containing this product 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 rinsate containing this product to sewer systems without prior approval from the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Batch code: _____

ACCEPTED
with COMMENTS
EPA Letter Dated:

MAY - 9 2012

Manufactured by Buckman Laboratories, Inc.
1256 North McLean Blvd., Memphis, Tennessee 38108, USA
(901) 278-0330 or 1-800-282-5626

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
1448-128

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-128

Product Weight 10.2 lbs./gal. 1.22 kg/L

Net contents are marked on the container.

HMIS / NPCA Ratings

Health 3 Flammability 1 Reactivity 1

Last Revision

12/10/2009

NM-35-1

Buckman ^{6/6}

Directions for Use

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

COOLING WATER SYSTEMS: NM-35-1 is used to inhibit the growth of microorganisms in industrial, commercial and institutional cooling water systems. In noticeably fouled systems, NM-35-1 should be added at a rate of 1.5 to 3.0 fl. oz. of NM-35-1 per 1000 gallons of system water (15-30 ppm) until control is evident. Subsequent additions of NM-35-1 should be made to the system as needed at a rate of 0.5 to 3.0 fl. oz. of NM-35-1 per 1000 gallons of system water (5-30 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. **Not for use in once-through cooling systems.**

INDUSTRIAL WATER PURIFICATION SYSTEMS: NM-35-1 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, NM-35-1 should be fed at a concentration of 5.0 to 10.0 fl. oz. of NM-35-1 to 1000 gallons of water (50 - 100 ppm) for 4 to 8 hours. For on-line maintenance treatment, dosing 1.0 to 2.0 fl. oz. of NM-35-1 per 1000 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.**

ACCEPTED
with COMMENTS
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Fungicide, and Rodenticide Act as
amended, for the pesticide,
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