

8329-69

06-03-2009

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

JUN 03 2009

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Karen J. Larson
Clarke Mosquito Control Products, Inc.
159 N. Garden Avenue
Roselle, Illinois 60172

Subject: Revision of the Storage and Disposal Section

Dear Ms. Larson:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated April 15, 2009 for:

**EPA Registration 8329-60 and
EPA Registration 8329-69**

**Abate 4 E Insecticide and
Abate 4E Insecticide for Use only in California**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, at 703 305-5409 or electronically at daniel.dani@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to be "Dani Daniel".

Dani Daniel
Registration Division (7505P)
Insecticide/Rodenticide Branch

(A)

EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Registration
 Amendment
 Other

Registration
Amendment
Other

Application Number

Application for Pesticide:

Section I

1. Company/Product Number 8329-69	2. EPA Product Manager J. Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) ABATE 4E Insecticide For use only in California	PM# 01	
5. Name and Address of Applicant (Include ZIP Code) Clarke Mosquito Control Products, Inc. 159 N. Garden Avenue Roselle, Illinois 60172 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRT Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

Amendment - Explain below

Resubmission in response to Agency letter dated _____

Notification - Explain below.

Final printed labels in response to Agency letter dated _____

"Me Too" Application.

Other - explain below.

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No.	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
*Certification must be submitted.			No. per container	<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container 2.5-gal, 30-gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label is Affixed to Product			<input type="checkbox"/> Lithograph <input checked="" 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 Karen J. Larson, M.S.	Title Registrations Manager	Telephone No. (Include Area Code) 630-671-3123
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 Registrations Manager	
4. Typed Name Karen J. Larson	5. Date April 15, 2009	

Abate 4E Insecticide

For use only in California

Larvicide

A MOSQUITO LARVICIDE FOR USE ONLY BY PUBLIC VECTOR CONTROL AGENCIES THAT HAVE ENTERED INTO AND OPERATE UNDER A COOPERATIVE AGREEMENT WITH THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES PURSUANT TO SECTION 2426 OF THE HEALTH AND SAFETY CODE.

ACTIVE INGREDIENT:		
Temephos (O,O'-(thiodi-4, 1-phenylene) O,O',O',O'-tetramethyl phosphorothioate)	44.6%	
OTHER INGREDIENTS*	55.4%	
Total	100.0%	

Contains a petroleum distillate

Contains _____ of _____ as per gallon

KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Do not get in eyes, on skin or on clothing. Harmful if absorbed through skin. Harmful if swallowed. Harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE)

Mixers, loaders and applicators involved in hand-held spray applications must wear long-sleeved shirt, long pants, shoes, socks and chemical-resistant gloves. Aerial applicators and flaggers must wear long-sleeved shirt, long pants, shoes, socks and chemical-resistant headgear (flaggers only). All other mixers, loaders, applicators and other handlers must wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant footwear plus socks, and chemical-resistant headgear (if overhead exposure). In addition, mixers, loaders and cleaners of equipment must wear a chemical-resistant apron.

Engineering Controls

When mixers and loaders use a closed system designed by the manufacturer to enclose the pesticide to prevent it from contacting handlers or other people, the system must be functioning properly and is used and maintained in accordance with the manufacturer's written operating instructions, the handlers may wear long-sleeved shirt, long pants, shoes, socks and chemical-resistant gloves and chemical-resistant apron, instead of the PPE necessary for mixers and loaders in the PPE section of this labeling. Handlers must wear protective eyewear if the system operates under pressure. Handlers must have immediately available for use in an emergency, such as a broken package, spill or equipment breakdown, all PPE necessary for mixers and loaders in the PPE section of this labeling. Pilots must use an enclosed cockpit and must wear chemical-resistant gloves when entering or leaving an aircraft contaminated by pesticide residues. Used gloves must be stored in a closed chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cockpit. When ground applicators and flaggers use an enclosed cab that has a nonporous barrier that totally surrounds the occupants and prevents contact with pesticides outside the cab, they may wear a long-sleeved shirt, long pants, shoes and socks, instead of the PPE necessary for such applicators and

flaggers in the PPE section of this labeling. Ground applicators and flaggers must be provided and must have immediately available for use in an emergency the handler PPE specified for applicators or flaggers when they must exit the cab in the treated area, and must take off any PPE that was worn in the treated area before reentering the cab, and must store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

User Safety Requirements

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.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms such as stoneflies, water fleas, and shrimp. Non-target aquatic organisms in waters treated with this product may be killed. Some populations reestablish rapidly, but diversity may be affected. Avoid use of maximum application rate in ecologically sensitive areas. Do not contaminate water by cleaning of equipment or disposing of wastes. For information on endangered species consult EPA's website: www.epa.gov/espp/.

FIRST AID

Have product container or label with you when calling a poison center or going for treatment. For Medical Emergencies, call the Poison Center at 1-800-214-7753.

IF IN EYES	Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present and do not continue rinsing if they become uncomfortable. Then continue rinsing the eye center or doctor for treatment advice.
IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting because it may be harmful. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIANS: This product may cause choline esterase inhibition. Pralidoxime chloride (2-PAM); PROTPAM chlorate adjunct to atropine. Probable mucosal damage may occur with repeated use.

DIRECTIONS FOR USE

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

Use Restrictions: This product may be applied only to water, moist areas, woodland pools, swamps, marshes, and waters high in organic content. This product may be used in areas that have entered into and operate under a cooperative agreement with the California Department of Health Services pursuant to Section 2426 of the Health and Safety Code. Maximum application rates may vary in organic content, mosquito habitats having deep water where monitoring has confirmed a lack of control at type I sites. Do not be reapplied within 7 days of the date of the initial application. If larval populations have reestablished, reapplication of initial treatments is ineffective.

Do not allow this product to drift.

Aerial Spray Drift Management

Avoiding spray drift at the application site is the responsibility of many equipment and weather related factors. The applicator and the grower are responsible for making decisions.

The following drift management requirements must be followed for aerial applications. These requirements apply to all applications.

- The distance of the outer most nozzles on the boom must be no greater than the wingspan or rotor.
- Nozzles must always point backward parallel with the boom and pointed downwards more than 45 degrees.

Where states have more stringent regulations, they apply. Applicator should be familiar with and take into account the AERIAL DRIFT REDUCTION ADVISORY INFORMATION product and available from Clarke Mosquito Control, 1-800-

Application Rates

For control of mosquito larvae, apply ABATE® 4-E INSECTICIDE in sufficient water for good coverage at the rate of 0.5 to 1.0 gallons per acre according to the following rate chart:

f/w

4E Insecticide

For use only in California

CONTROL AGENCIES THAT HAVE ENTERED INTO AND OPERATE UNDER A
T OF HEALTH SERVICES PURSUANT TO SECTION 2426 OF THE HEALTH AND

ramethyl phosphorothioate)	44.6%
	55.4%
	100.0%

os per gallon

REACH OF CHILDREN NING / AVISO

use este producto hasta que la etiqueta haya sido explicado ampliamente

flaggers in the PPE section of this labeling. Ground applicators and flaggers must be provided and must have immediately available for use in an emergency the handler PPE specified for applicators or flaggers when they must exit the cab in the treated area, and must take off any PPE that was worn in the treated area before reentering the cab, and must store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

User Safety Requirements

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.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms such as stoneflies, water fleas, and shrimp. Non-target aquatic organisms in waters treated with this product may be killed. Some populations reestablish rapidly, but diversity may be affected. Avoid use of maximum application rate in ecologically sensitive areas. Do not contaminate water by cleaning of equipment or disposing of wastes. For information on endangered species consult EPA's website: www.epa.gov/espp/.

FIRST AID

Have product container or label with you when calling a poison control center or doctor, or going for treatment. For Medical Emergencies, call the International Poison Control Center at 1-800-214-7753.

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 the eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting because of aspiration pneumonia hazard. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIANS: This product may cause cholinesterase inhibition. Atropine is antidotal. Pralidoxime chloride (2-PAM; PROTAM chloride) may be effective as an adjunct to atropine. Probable mucosal damage may contraindicate the use of gastric lavage.

DIRECTIONS FOR USE

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

Use Restrictions: This product may be applied only to non-potable water, standing water, moist areas, woodland pools, swamps, marshes, tidal waters, intertidal zones, and waters high in organic content. This product may be applied only by public vector control agencies that have entered into and operate under a cooperative agreement with the California Department of Health Services pursuant to Section 2426 of the Health and Safety Code. Maximum application rates may be used only in waters high in organic content, mosquito habitats having deep water or dense surface cover, and where monitoring has confirmed a lack of control at typical rates. This product may not be reapplied within 7 days of the date of the initial application unless monitoring indicates that larval populations have reestablished, or weather conditions have rendered initial treatments ineffective.

Do not allow this product to drift.

Aerial Spray Drift Management

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications. These requirements do not apply to applications using dry formulations.

1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed. The applicator should be familiar with and take into account the information provided in the AERIAL DRIFT REDUCTION ADVISORY INFORMATION BULLETIN accompanying product and available from Clarke Mosquito Control, 1-800-323-5727.

Application Rates

For control of mosquito larvae, apply ABATE® 4-E INSECTICIDE as a uniform spray in sufficient water for good coverage at the rate of 0.5 to 1.5 fluid ounces per acre according to the following rate chart:

NOTIFICATION

Area of Treatment	Fl.oz./acre	Lbs. a.i./acre
Non-potable water (stagnant, saline and temporary water bodies), highly polluted water, moist areas, woodland pools, swamps, marshes, tidal waters, intertidal zones	0.5 to 1.0	0.015 to 0.03
Waters high in organic content, areas demonstrated to have resistant mosquitoes, habitats having deep water or dense surface cover, or where monitoring has confirmed a lack of control at recommended application rates	1.5	0.047

Do not use on crops used for food, forage or pasture.

(Storage & Disposal for Nonrefillable containers greater than 5 gal capacity)

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store in a cool, dry place. Keep container closed.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.
 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 several times. Turn the container over onto its other 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. Then offer for recycling if available or reconditioning if appropriate, 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.

(Storage & Disposal for Nonrefillable containers capacity 5 gal or less)

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store in a cool, dry place. Keep container closed.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.
 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 later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, 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.

NOTICE: To the extent provided by law, CLARKE MOSQUITO CONTROL PRODUCTS, INC. makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use/handling of this material when use and/or handling is contrary to label instructions.

Manufactured By
 CLARKE MOSQUITO CONTROL PRODUCTS, INC.
 159 N. Garden Ave - Roselle, Illinois 60172

FOR MORE INFORMATION CALL: 1-800-323-5727

EPA Reg. No. 8329-69 EPA Est. No. 8329-IL-01
 NET CONTENTS: # Gallons LOT NO.: #####