

8329-69

11/17/2008

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Karen Larson
Clarke Mosquito Control Products, Inc.
159 N. Garden Ave
Roselle, Ill 60172

NOV 17 2008

Dear Ms. Larson:

Subject: Labeling Amendment to Abate 4E Insecticide
EPA Registration No. 8329-69
Submission Date: November 12, 2008

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment. If you have any questions regarding this label, please contact Jennifer Gaines at (703) 305-5967.

Sincerely yours,

A handwritten signature in black ink, appearing to read "John Hebert", written over a large, stylized circular flourish.

John Hebert
Product Manager (07)
Insecticide-Rodenticide Branch
Registration Division (7505P)

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)-(thio)-1,1-phenylene O,O,O',O'-tetramethyl phosphorothioate)	44.6%
OTHER INGREDIENTS *	55.4%
Total	100.0%

* Contains a petroleum distillate

Contains 4 lbs. of Temephos 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 explicada ampliamente

See Back Panel for First Aid

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 AND the system is 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. Flats 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 and enclosed cab that has a porous 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 washing 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/ospp/.

Manufactured By
CLARKE MOSQUITO CONTROL PRODUCTS, INC.
159 N. Garden Ave - Roseme, Illinois 60112

NET CONTENTS: # Gallons

LOT NO.: #

AL047

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, PROTOPAM 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, most 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 $\frac{3}{4}$ 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.
- When 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:

Area of Treatment	Floz./acre	Lbs a.i./acre
Non-potable water (stagnant, saline and temporary water bodies), highly polluted water, most 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

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 rinse into application equipment or a mix tank and store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

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.

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

EPA Reg. No. 8329-69

EPA Est. No. 8329-IL-01

AL047

ACCEPTED
NOV 17 2008
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
Registered under
EPA Reg. No. 8329-69

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