

8329-15

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

**OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES**

Ms. Karen J. Larson
Clarke Mosquito Control Products, Inc.
159 North Garden Avenue
P.O. Box 72197
Roselle, IL 60172

February 20, 2008

Dear Ms. Larson:

Subject: Labeling Amendment; Temephos PPE Revisions
EPA Registration Nos: 8329-15, 8329-16, 8329-17, 8329-30, 8329-57, 8329-60,
8329-69, 8329-70, 8329-71
Submission Date: June 1, 2007

The Agency received and reviewed the new 28-day dermal toxicity study (MRID 47146802) and concluded the labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

1- Personal Protective Equipment (PPE):

a- For EC Formulations of temephos used on wetlands (EPA Reg. Nos. 8329-60 and -69), replace the proposed PPE statements with the following:

"Mixers, loaders, and ground applicators must wear long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves. Aerial applicators must wear long-sleeved shirt and long pants, and shoes and socks. Flaggers must wear long-sleeved shirt and long pants, shoes and socks, and protective eyewear."

b- For the granular formulations of temephos used on wetlands (EPA Reg. Nos. 8329-15, -16, -17, -57, -70, and -71), replace the proposed PPE statements with the following:

"Loaders of aerial equipment must wear long-sleeved shirt and long pants, shoes and socks, chemical-resistant gloves, protective eyewear, and a dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any M, R, P, or HE filter. Loaders and applicators of back-pack blower must wear coveralls over long-sleeved shirt and long pants, shoes and socks, chemical-resistant gloves, protective eyewear, and a dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any M, R, P or HE filter. Aerial applicators must wear long-sleeved shirt and long pants, shoes and socks, and use enclosed cockpits. Flaggers must wear long-sleeved shirt and long pants, chemical-resistant foot wear plus socks, gloves, and protective eyewear. "

c- For water soluble Basin BagsTM (Reg. Nos. 8329-15, 16, and 17), Applicators must wear long-sleeved shirt and long pants, shoes and socks, and chemical-resistant gloves.

d- For granular formulation of temephos used on tires (EPA Reg. Nos. 8329-30), replace the proposed PPE statements with the following:

"Loaders of aerial equipment must wear long-sleeved shirt and long pants, shoes and socks, chemical-resistant gloves, protective eyewear, and dust-mist respirator. Loaders and applicators of back-pack blower must wear coveralls over long-sleeved shirt and long pants, shoes and socks, chemical-resistant gloves, protective eyewear, and a dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any M, R, P, or HE filter. Aerial applicators must wear long-sleeved shirt and long pants, shoes and socks, and use enclosed cockpits. Flaggers must wear long-sleeved shirt and long pants, chemical-resistant foot wear plus socks, gloves, and protective eyewear."

2- For the following product formulations; EPA Reg. Nos. 8329-15, -16, -17, -30, -57, -60, under the "Directions for Use" section, remove the word "General" from the "General Application Restrictions".

A stamped copy of each label is enclosed for your records. Please submit one (1) final printed copy for the referenced labels, incorporating the above changes, before releasing the product for shipment. If you have any questions regarding this letter, please contact Amer Al-Mudallal at (703) 605-0566.

Sincerely,



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

3087
ACCEPTED
with COMMENTS
In EPA Letter Dated:

FEB 20 2008

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
8329-15

(Master Label)
(Alternate brand name ABATE® 5-BG)
(Alternate brand name BASIN BAGS™ Water Soluble Packets with 5% Skeeter Abate®)

Optional text in [brackets]



5% SKEETER ABATE®

AN INSECTICIDE FOR CONTROL OF MOSQUITO AND
MIDGE LARVAE

Active Ingredient:

Temephos (O,O'-(thiodi-4, 1-phenylene) O,O,O'O'-tetramethyl phosphorothioate)..... 5%

Other Ingredients..... 95%

Total..... 100%

EPA Reg. No. 8329-15

EPA Est. No. 8329-IL-01

KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

See Below for Additional Precautionary Statements

PRECAUTION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le
haya sido explicada ampliamente

FIRST AID

Have the 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 unless told to do so by a poison control center or doctor. 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.

IF INHALED: Move person to fresh air. If the person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further 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.

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 the skin. Harmful if swallowed. Harmful if inhaled. Avoid breathing dust. **Personal Protective Equipment (PPE):** Loaders and applicators must wear long-sleeved shirt and long pants, shoes and socks, chemical-resistant gloves and protective eyewear, such as goggles, or safety glasses. Aerial applicators and flaggers must wear long-sleeved shirt, long pants, shoes plus socks. **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 heavily contaminated with this product. Do not reuse them. **Engineering Controls:** 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.

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/.

DIRECTIONS FOR USE

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

[GENERAL APPLICATION RESTRICTIONS:] This product may be applied to non-potable water, standing water, moist areas, woodland pools, shallow ponds, edges of lakes, swamps, marshes, tidal waters, intertidal zones of sandy beaches, waters high in organic content, highly polluted water, and catch basins. This product may be applied only by public health officials, personnel of mosquito abatement districts and other similar government agencies or personnel under contract to these entities. 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. This product may be applied as a spot treatment to non-potable water, lakes, and ponds for control of midge larvae when monitoring indicates threshold levels have been exceeded.

[Packets are water soluble. Do not handle inner bag with wet hands or gloves. Always reseal outer bag in a manner that protects remaining packets from moisture. Do not remove the packets from the resealable bag except for immediate use. Use entire contents of a water soluble packet; do not break open to use partial contents of a water soluble packet.]

For control of mosquito larvae, apply [5% SKEETER® ABATE®] [alternate brand name] [uniformly by conventional air or ground equipment] as specified below. Application of this product by Belly-Grinder is prohibited.

Areas of Treatment	Lbs. per Acre	Lbs.a.i./acre
Non-potable water (stagnant, saline and temporary water bodies), standing water, moist areas, woodland pools, shallow ponds, edges of lakes	2	0.1
Swamps, marshes, tidal waters, intertidal zones, catch basins, and water high in organic content	4	0.2
Highly polluted water, waters high in organic content,	10	0.5

5067

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, and catch basins.		
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This product may also be applied prior to flooding as a pre hatch application to areas which will breed mosquitoes.

Do not mix this product with water.

Application of this product by Belly-Grinder is prohibited.

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 is responsible for consider all these factors when making decisions.

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

[For control of mosquito larvae in catch basins, apply BASIN BAGS™ Water Soluble Packets with 5% SKEETER ABATE® as specified below.

Areas of Treatment	
Catch basins	1 packet / 100 sq. ft. ⁽¹⁾

⁽¹⁾ Treat on basis of surface area of potential mosquito breeding sites by placing one (1) BASIN BAGS™ Water Soluble Packet for up to 100 square feet of treatment area. Re-apply after 1-4 weeks.]

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place. Reseal opened containers immediately after using. If spill occurs, sweep up and apply product according to labeled directions. Store only in original containers, in a locked area, away from food and feed.

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 directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[WATER SOLUBLE PACKETS: dispose of empty outer foil bag in trash.]

GENERAL: Consult Federal, state or local disposal authorities for approved alternative procedures.

To the extent consistent with applicable law, CLARKE MOSQUITO CONTROL PRODUCTS, INC. makes no warranty, express 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.

NET CONTENTS: _____ lbs.
LOT NO.

CLARKE MOSQUITO CONTROL PRODUCTS, INC.
159 N. GARDEN AVENUE
ROSELLE, ILLINOIS 60172

*Registered trademark of BASF Corp.

6007

(Sub Label for WSP Packaging, 5% Skeeter Abate)

(Logo) Clarke Mosquito Control)

BASIN BAGS™ Water Soluble Packets with 5% SKEETER ABATE®
AN INSECTICIDE FOR CONTROL OF MOSQUITO AND MIDGE LARVAE IN CATCH BASINS

Active Ingredient:

Temephos (O,O'-(thiodi-4, 1-phenylene) O,O,O'O'-tetramethyl phosphorothioate)	5%
Other Ingredients	95%
Total	100%

EPA Reg. No. 8329-15

EPA Est. No. 8329-IL-01

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