

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460

Date of Issuance: EPA Reg. Number:

DEC 8 2008

8329-602

Term of Issuance:

Conditional

Name of Pesticide Product:

Natular DT

NOTICE OF PESTICIDE:

x Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Clarke Mosquito Control Products, Inc.

PO Box 72197

Roselle, IL 60172

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 other

This product is **conditionally** registered in accordance with FIFRA sec. 3(c)(7)(B) provided that you meet the following requirements:

- 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
- 2. On the label, revise the EPA Registration Number to read, "EPA Reg. No. 8329-602."
- 3. Submit the data listed below by the associated due dates:

OPPTS Guideline # 830.6317 830.6320	<u>Title of Study</u> Storage Stability Corrosion Characteristics	Date Due 1 year of the date of 1 year of the date of	i
Signature of Approving Official:		Date:	· ·
See page 2 Kimberly Nesci, for PM Insecticide Branch/Reg	— — — — — — — — — — — — — — — — — — —	DEC	C 8 2008

EPA Form 8 EPA Reg. No. 8329-602, Decision 394116

- 3/5
- 4. Submit data confirming the efficacy of the product, as labeled, against at least one additional mosquito genera (preferably *Culex* and/or *Anopheles*) within 18 months of the date of this letter.
- 5. Submit the raw data sheets for MRIDs 47432806 and 47432807 and a copy of the WHOPES protocols referred to in those studies within 90 days of this letter.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Samantha Hulkower of my team at (703) 603-0683.

Sincerely,

Kimberly Nesci

for Product Manager Team 13

Insecticide Branch

Registration Division (7505P)

Enclosures:

- Label stamped "Accepted with Comments"
- EPA National Organic Program Labeling Request Checklist, dated 7/15/08
- Product Chemistry Review, dated 10/01/08
- Product Performance/Efficacy Review, dated 12/1/08
- Toxicology Memorandum, dated 11/10/08

In EPA Letter Dated:

DEC 8 2008

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 29-60

(text in brackets [] indicates optional text)

Natular DT

[An insecticide for the control of mosquito larvae]

To be used in governmental mosquito control programs, by professional pest control applicators, or in other mosquito control operations.

	Group	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	INSECTICIDE	
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Active Ingredient:

Spinosad (a mixture of Spinosyn A and Spinosyn D)

Other Ingredients

Total

Contains 0.1 gram Spinosad per extended-release tablet. This product may absorb moisture; therefore, the weight of the tablet and percent by weight of active ingredient will vary with hydration.

U.S. Patent No. 5,362,634 and 5,496,931

Keep Out of Reach of Children CAUTION -

Precautionary Statements

Hazards to Humans and Domestic Animals

Caution, Causes moderate eve irritation. Avoid contact with eves or clothing. Wear protective eyewear (such as goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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.			
	Call a poison control center or doctor for treatment advice.			
	uct container or label with you when calling a poison control center or doctor, or ment. You may also contact 1-800-992-5994 for emergency medical treatment			

Environmental Hazards

This product is toxic to aquatic invertebrates. Non-target aquatic invertebrates may be killed in waters where this pesticide is used. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Directions for Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

GF-1855 is a Naturalyte[®] insect product for killing mosquito larvae. This product's active ingredient, spinosad, is biologically derived from the fermentation of *Saccharopolyspora spinosa*, a naturally occurring soil organism.

General Use Precautions

Integrated Pest Management (IPM) Programs

GF-1855 is intended to kill mosquito larvae. Mosquitoes are best controlled when an IPM program is followed. Larval control efforts should be managed through habitat mapping, active adult and larval surveillance, and integrated with other control strategies such as source reduction, public education programs, harborage or barrier adult mosquito control applications, and targeted adulticide applications.

Insecticide Resistance Management (IRM)

GF-1855 contains a Group 5 insecticide. Insect biotypes with acquired resistance to Group 5 insecticides may eventually dominate the insect population if appropriate resistance management strategies are not followed. Currently, only spinetoram and spinosad active ingredients are classified as Group 5 insecticides. Resistance to other insecticide groups is not likely to impact the effectiveness of this product. Spinosad may be used in rotation with all other labeled products in a comprehensive IRM program.

To minimize the potential for resistance development, the following practices are recommended:

- Base insecticide use on comprehensive IPM programs and IRM programs.
- · Do not use less than the labeled rates.
- Routinely evaluate applications for loss of effectiveness.
- Rotate with other labeled effective mosquito larvicides with different modes of action.
- Use insecticides with a different mode of action (different insecticide group) on adult
 mosquitoes so that both larvae and adults are not exposed to products with the same
 mode of action.
- Contact your local extension specialist, technical advisor, and/or Clarke Mosquito Control representative for insecticide resistance management and/or IPM recommendations for the specific site and area.
- For further information or to report suspected resistance, contact your Clarke Mosquito Control representative by calling 800-323-5727.

Application Directions

GF-1855 is for use in artificial containers used for water collection to control the mosquito larvae of container breeding mosquitoes.

Artificial water containers may include drums, storage tanks, jars, roof top catchments, ornamental fish ponds, ornamental pools or fountains, unused swimming pools, bird baths, old tires, flower pots and urns, water gardens, floor drains, roof gutters and other water-holding receptacles.

Draining or discarding small containers that hold water is the most effective method for preventing mosquito breeding. To treat artificial water containers that cannot be drained or discarded, use 1 tablet to treat up to 208 liters (55 gallons).

Reapply after 60 days as needed.

Restrictions: Do not apply directly to treated, finished drinking water supply systems. Do not apply to waters that drain into public waterways.



Storage and Disposal

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

Pesticide Storage: Store in a cool dry place in original container only.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration.

Warranty

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.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

EPA Reg. No. 8329-XX EPA Est. No. 8329-IL-02

> Produced for Clarke Mosquito Control Products, Inc. 159 North Garden Avenue Roselle, IL 60172 U.S.A. 1-800-323-5727

Net Weight:	
Net Contents (# Tablets):	
Lot/Batch Code:	