



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Jonathan D. Ostrowski  
Clarke Mosquito Control Products, Inc  
159 N. Garden Avenue  
Roselle, IL 60172

MAR 22 2012

Subject: Label Notification(s) for Pesticide Registration Notice 98-10

Dear Mr. Ostrowski

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated March 5, 2012 for the following product(s):

<b>Novus™ G</b>	<b>Alternate Brand Name</b>
<b>Natular™ Granules</b>	

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

<b>Natular™ G</b>	<b>EPA Reg. No. 8329-80</b>
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If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard J. Gebken".

Richard J. Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7504P)

2/8

(A)

# EPA

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

Registration  
 Amendment  
 Other

OPP Identifier Number

## Application for Pesticide:

### Section I

1. Company/Product Number <b>8329-80</b>	2. EPA Product Manager <b>M. Suarez</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Natular G</b>	PM# <b>13</b>	
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:  <b>NOTIFICATION</b> <b>MAR 22 2012</b>  EPA Reg. No. _____ Product Name _____	

### Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)  
Notification of Addition of Alternate Brand Names to the product label per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of 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 this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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 type="checkbox"/> No.	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
<b>*Certification must be submitted.</b>	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container	<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input 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 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 <b>Jonathan D. Ostrowski</b>	Title <b>Product Registrations Specialist</b>	Telephone No. (Include Area Code) <b>630-671-3189</b>
<b>Certification</b> 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 <b>Product Registrations Specialist</b>	
4. Typed Name <b>Jonathan D. Ostrowski</b>	5. Date <b>March 05, 2012</b>	



110 E. Irving Park Rd., 4th Floor  
P.O. Box 72197  
Roselle, Illinois 60172  
630.894.2000 P  
800.323.5727  
630.894.1774 F  
www.clarke.com

March 5, 2012

U.S. Environmental Protection Agency  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
Room S4900, One Potomac Yard  
2777 Crystal Drive  
Arlington, VA 22202

Subject: Notification - Addition of Alternate Brand Names  
Products: EPA Reg. No. 8329-80 Natular G  
EPA Reg. No. 8329-82 Natular 2EC  
EPA Reg. No. 8329-83 Natular G30  
EPA Reg. No. 8329-84 Natular XRT  
EPA Reg. No. 8329-85 Natular T30  
EPA Reg. No. 8329-602 Natular DT

Attn: Mark Suarez

Enclosed is notification of the addition of the following alternate brand names to the respective products:

<b>EPA Reg. No.</b>	<b>Primary Brand Name</b>	<b>Alternate Brand Name(s)</b>
8329-80	Natular G	"Natular Granules," and "Novus G"
8329-82	Natular 2EC	"Natular 20EC," and "Novus 20EC"
8329-83	Natular G30	"Novus G30"
8329-84	Natular XRT	"Novus XRT"
8329-85	Natular T30	"Novus T30"
8329-602	Natular DT	"Novus DT"

In addition, the toll-free hotline number for emergency information (located within the "First Aid" statement) is being updated for EPA Reg. No. 8329-602, Natular DT.

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110 E. Irving Park Rd., 4th Floor

~~P.O. Box 72197~~

Roselle, Illinois 60172

630.894.2000 P

800.323.5727

630.894.1774 F

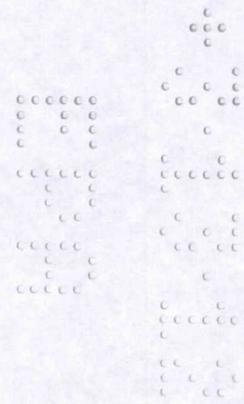
www.clarke.com

No other changes have been made to the label of this product. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46.

If you have any questions, please contact me directly at (630) 671-3189 or [jostrowski@clarke.com](mailto:jostrowski@clarke.com)

Sincerely,

Jonathan D. Ostrowski  
Product Registrations Specialist  
Clarke Mosquito Control Products, Inc.



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# Natular™ G

(Alternate Brand Name: Natular™ Granules)

(Alternate Brand Name: Novus™ G)

**NOTIFICATION****MAR 22 2012**

[Mosquito Larvicide]

[Granule]

[An insecticide for the control of mosquito larvae]

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

**Active Ingredient:**

Spinosad (a mixture of spinosyn A and spinosyn D)*	0.5%
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Other ingredients	<u>99.5%</u>
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Total	100.0%
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U.S. Patent No. 5,362,634 and 5,496,931

[\* Naturalyte® Insect Control]

[This product contains 0.2 lb of the active ingredient spinosad per 40 lb bag]

[This product contains 0.25 lb of the active ingredient spinosad per 50 lb bag]

[This product contains 0.125 lb of the active ingredient spinosad per 25 lb container]

**Group****5****INSECTICIDE**

**Keep Out of Reach of Children**  
**CAUTION**

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## Precautionary Statements

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**Hazards to Humans and Domestic Animals**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

## 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 treatment advice.

**Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-214-7753 for emergency medical treatment information.**

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## Environmental Hazards

This product is toxic to aquatic invertebrates. Non-target aquatic invertebrates may be killed in water where this pesticide is used. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated areas. Drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on the label.

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**Directions for Use**

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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.

**General Information**

NATULAR™ G is a [Naturalyte®] product for killing mosquito and midge larvae. This product's active ingredient, spinosad, is biologically derived from the fermentation of *Saccharopolyspora spinosa*, a naturally occurring soil organism. NATULAR™ G may be applied with suitable ground or aerial application equipment.

**General Use Precautions****Integrated Pest Management (IPM) Programs**

NATULAR™ G is intended to kill mosquito and midge 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)**

NATULAR™ G 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 and IRM programs.
- Routinely evaluate applications for loss of effectiveness.
- Rotate with other labeled effective mosquito larvicides that have a different mode of action.
- In dormant rice fields, standing water within agricultural/crop sites, and permanent marine and freshwater sites, do not make more than 20 applications per year.
- 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 representative for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.
- For further information or to report suspected resistance, you may contact your local Clarke representative by calling 800-323-5727.

**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 determines the potential for spray drift. The applicator is responsible for considering all these factors when making decisions. Where states have more stringent regulations, they should be observed.

**Application**

Proper application techniques help ensure adequate coverage and correct dosage necessary to obtain optimum kill of mosquito and midge larvae. The following recommendations are provided for ground and aerial application of NATULAR™ G.

**Ground Application**

Use conventional ground application equipment and apply NATULAR™ G at the designated rate for the targeted site.

**Spot Treatment**

Apply NATULAR™ G as a spot treatment to areas where mosquitoes are breeding at rates appropriate for the treatment site habitat and conditions.

**Aerial Application**

Equipment used in the application of NATULAR™ G should be carefully calibrated before use and checked frequently during application to be sure it is working properly and delivering a uniform distribution pattern. Avoid overlaps that will increase NATULAR™ G dosage above recommended limits.

**Application Sites and Rates**

The rates listed are typical for efficaciously killing mosquito and midge larvae in the listed habitat sites. Within this range, use lower rates when water is shallow, vegetation and/or pollution are minimal, and mosquito populations are low. Do not use less than labeled minimum rate. NATULAR™ G may be applied at rates up to 20 lb per acre in waters high in organic content (such as polluted water, sewage lagoons, animal waste lagoons, and waters with high concentrations of leaf litter or other organic debris), deep-water mosquito habitats or those with dense surface cover, and where monitoring indicates a lack of kill at typical rates. Do not re-apply within 7 days of the initial application unless monitoring indicates that larval populations have reestablished or weather conditions have rendered initial treatments ineffective. Do not apply to water intended for irrigation.

**For killing mosquito larvae species in the following non-crop sites:**

Non-Crop Site	NATULAR™ G lb/acre (lb ai/acre)
<p><b>Temporary Standing Water</b> Woodland pools, snow pools, roadside ditches, retention ponds, freshwater dredge spoils, tire tracks and other natural or manmade depressions, rock holes, pot holes and similar areas subject to holding water</p> <p><b>Other Freshwater Sites</b> Natural and manmade aquatic sites, edges of lakes, ponds, canals, stream eddies, creek edges, detention ponds</p>	<p>3.5 – 6.5 (0.018 – 0.033)</p>
<p><b>Freshwater Swamps and Marshes</b> Mixed hardwood swamps, cattail marsh, common reed wetland, water hyacinth ponds, and similar freshwater areas with emergent vegetation</p> <p><b>Marine/Coastal Areas</b> Intertidal areas above the mean high water mark, mangroves, brackish water swamps and marshes, coastal impoundments and similar areas</p>	<p>9 (0.045)</p>
<p><b>Stormwater/Drainage Systems</b> Storm sewers, catch basins, drainage ditches, and similar areas</p> <p><b>Wastewater</b> Sewage effluent, sewers, sewage lagoons, cesspools, oxidation ponds, septic ditches and tanks, animal waste lagoons and settling ponds, livestock runoff lagoons, wastewater impoundments associated with fruit and vegetable processing, and similar areas</p>	<p>6.5 – 9 (0.033 – 0.045)</p>
<p><b>Dormant Rice Fields</b> Impounded water in dormant rice fields (for application only during the interval between harvest and preparation of the field for the next cropping cycle)</p>	<p>3.5 – 6.5 (0.0180 – 0.033)</p>

<p><b>Natural and Artificial Containers</b> Tree holes, bromeliads, leaf axils, and other similar natural water holding containers, cemetery urns, bird baths, flower pots, rain barrels, buckets, single tires, tires stockpiled in dumps, landfills, recycling plants and other similar areas, abandoned swimming pools, ornamental ponds, flooded roof tops and similar water holding sites.</p> <p>Landfill containers, salvage yards, abandoned vehicles</p>	<p>3.5 – 9 (0.018 – 0.045)</p>
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**Agricultural/Crop Sites Where Mosquito Breeding Occurs:**

Apply NATULAR™ G at the rate of 3.5 to 9 lb per acre in standing water within agricultural/crop sites where mosquito breeding occurs: pastures/hay fields, rangelands, orchards, vineyards and citrus groves. Do not apply to waters intended for irrigation.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in original container only. In case of leak or spill, contain material with absorbent materials and dispose as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site according to label use directions or at an approved waste disposal facility.

**Container Disposal:** Completely empty bag into application equipment. Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

{Optional Market Label}

 FOR ORGANIC PRODUCTION

**Terms and Conditions of Use**

Clarke Mosquito Control Products, Inc. acknowledges that this product may be misbranded if one or more of its ingredients, active and/or inert, is reclassified as non-organic and/or removed from the United States Department of Agriculture (USDA) National List of approved substances for use in organic production and handling. If one or more of the ingredients in this pesticide product are so reclassified and/or removed (delisted) from the National List, Clarke Mosquito Control Products, Inc. will take appropriate remedial measures with respect to the labeling for this product.

**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.

Manufactured [by][for]  
Clarke Mosquito Control Products, Inc.  
159 North Garden Avenue  
Roselle, IL 60172

EPA Reg. No. 8329-80

Lot: \_\_\_\_\_

EPA Est.:

Net Weight \_\_\_\_\_

[Naturalyte® is a Trademark of Dow AgroSciences LLC]

Natular™ is a Trademark of Clarke Mosquito Control Products, Inc.