

53263-30

07-14-2010

1/6



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 14, 2010

Ms. Georgia Anastasiou
Agent for Cognis Corporation
Lewis & Harrison
122 C Street, N.W., Suite 740
Washington, DC 20001

Subject: AGNIQUE® MMF GR MOSQUITO LARVICIDE & PUPICIDE
EPA Registration No. 53263-30
Notification Application Submitted on June 4, 2010, as amended by
Submissions of July 9, 2010, and July 13, 2010

5876454
332/1135
5878341
332/1135
5878345
332/1300

Dear Ms. Anastasiou:

The Agency has received your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 94-8 dated June 4, 2010, for the product Agnique® MMF GR Mosquito Larvicide & Pupicide, EPA Reg. No. 53263-30. EPA also received labels pertinent to this Notification which were submitted on July 9, 2010, and July 13, 2010. The label submitted on July 13, 2010, and dated "7/12/10" is now the label of record for this action. The Registration Division (RD) finds that the actions requested fall within the scope of PRN 94-8.

The application rates indicated on the label of July 12, 2010, for this product when it is sold in water soluble packaging (WSP) fall within the ranges of rates prescribed for similar use patterns when the product is not sold in WSP. The alternate Confidential Statements of Formula (CSFs) submitted on June 4, 2010, document the specific WSP being used. The label and the CSFs for alternate formulations D, E, and F have been stamped "Notification" and placed in our records.

If you have any questions, please call me directly at 703-305-6406.

Sincerely,

A handwritten signature in cursive script, reading "William W. Jacobs".

William W. Jacobs
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs

**EPA**

United States
Environmental Protection Agency
 Washington, DC 20460

☐ **Registration**
☐ **Amendment**
☒ **Other:**

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number
53263-30

2. EPA Product Manager
Venus Eagle

3. Proposed Classification

4. Company/Product (Name)
Agnique MMF GR Mosquito Larvicide & Pupicide

PM#
1

☒ None ☐ Restricted

5. Name and Address of Applicant (Include ZIP Code)
Cognis Corporation
4900 Este Avenue
Cincinnati, OH 45232

PLEASE DIRECT ALL CORRESPONDENCE TO
"CONTACT POINT" LISTED BELOW

☐ Check if this is a new address

6. **Expedited Review.** In accordance with FIFRA 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 5/19/10

☒ Notification - Explain below.

☐ Final printed labels in response to Agency letter dated _____

☐ "Me Too" Application

☐ Other - Explain below

NOTIFICATION**JUL 14 2010**

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Response to Letter Dated May 19, 2010 to Add WSP option

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging

☐ Yes*

☒ No

Unit Packaging

☐ Yes

☒ No

Water Soluble Packaging

☒ Yes

☒ No

2. Type of Container

☐ Metal

☐ Plastic

☐ Glass

☐ Paper

☒ Other (Specify) Polylined Bag

***Certification must be submitted**

If "Yes"
 Unit Packaging wgt.

No. per
 container

If "Yes"
 Package wgt.

No. per
 container

3. Location of Net Contents Information

☒ Label

☐ Container

4. Size(s) Retail Container

40 lbs.

5. Location of Label Directions

☒ On Label

☐ On labeling accompanying product

6. Manner in Which Label is Affixed to Product

☐ Lithograph

☒ Paper glued

☐ Stenciled

☐ Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)

Name: **Georgia Anastasiou, Lewis and Harrison, LLC**
122 C St., NW Suite 740 Washington, DC 20001

Title: **Agent for Cognis Corporation**

Telephone No. (Include Area Code): **(202) 393-3903 x.19**

Certification

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.

2. Signature

Georgia Anastasiou

3. Title:

Agent for Cognis Corporation

4. Typed Name

Georgia Anastasiou

5. Date

June 4, 2010

6. Date Application
 Received
 (Stamped)

AGNIQUE® MMF GR

Mosquito Larvicide & Pupicide

Monomolecular Surface Film for Control of Immature Mosquitoes and Midges

ACTIVE INGREDIENT:

Poly (oxy-1,2-ethanediyl), α -(C₁₆₋₂₀ branched and linear alkyl)-

ω -hydroxy-.....32.0%

INERT INGREDIENTS.....68.0%

TOTAL.....100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

See Back Panel for Additional Precautions and Product Information

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with plenty of 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.	

EPA Reg. No. 53263-30

EPA Establishment No. xxxx-xx-xx

NOTIFICATION

JUL 14 2010

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin or clothing. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long-sleeved shirt and long pants, socks, shoes, and gloves. Avoid contact with eyes or clothing. Wear protective eyewear.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. To be used in governmental mosquito control program, by professional pest control operators, by homeowners, or in other mosquito or midge control operations.

APPLICATION DIRECTIONS

This product may be applied by both ground and aerial applications. To use, calculate the desired rate based on water surface area. The water depth is not a factor in rate determination. Apply the desired rate of AGNIQUE® MMF GR onto the surface of the water. The MMF GR will spread to cover hard to access areas. For large areas with dense vegetation it is recommended that application is made in several locations to assist in the spreading action. AGNIQUE® MMF GR is not visible on the surface of the water. Excess MMF GR on the water surface will form a white globule.

APPLICATION SITES

This product is for the control of immature mosquitoes and midges in areas where they breed and develop. This product may be used in habitats including potable water and irrigation waters, permanent and semi-permanent waters, irrigated croplands and pastures, and waters with outlets to natural water bodies. The following habitats provide examples of where the product can be applied but is not intended to be all inclusive.

Fresh and Brackish Water: fresh water and salt marshes, ponds, lakes, storm water, drainage systems and retention & detention basins, roadside ditches, grassy swales, flooded fields and pastures, potable water containers, reservoirs, irrigated croplands, temporary and semi-permanent woodland pools, tidal water, and other areas where water accumulates.

Residential Areas: Ponds, storm water basins, tree holes, rain barrels, landscape and ornamental ponds, tires, storm drains, stationary flower pots, pot holes, gutters, tarps, potable water containers and residential areas where water accumulates and provides ideal breeding habitats for mosquitoes or midges.

Polluted Waters: Sewage lagoons, percolation ponds, animal waste effluent lagoons, septic ditches, waste treatment facility areas, etc.

Rec'd 7/15/10

(Note to Review: the following use directions will be provided on product marketed to commercial and institutional users.)

APPLICATION NOTES

Rate of Kill: The rate of kill when using MMF GR is dependent on the species, the life stage, the habitat and the temperature. Pupicidal action will typically result in 24 hours. Larvicidal action will usually result in 24-96 hours. If the film is present, as indicated by the indicator oil, control will be achieved.

Indicator Oil: AGNIQUE® MMF GR is not visible on the surface of the water. To check the habitat for the presence and persistence of the product, add a drop of AGNIQUE® MMF GR Indicator Oil to several locations in the habitat. If the Indicator Oil forms a tight bead on the surface of the water, then the MMF is present for control.

Persistence: The AGNIQUE® MMF GR surface film typically persists on the water's surface for 5 to 22 days. Polluted waters will cause more rapid degradation of the film. Higher application rates will prolong film life and extend the interval between retreatment.

Species: Mosquitoes and midges that require little or no surface contact for breathing will be affected by the product during the pupae and emerging adult life stages.

Wind: The high end of the dosage rate is recommended when treating habitats where multi-directional winds of 10mph (16km/hr) or greater are expected to persist. While the film will be pushed by the winds, it will re-spread quickly once the winds have subsided. If persistent unidirectional winds of 10 mph (16km/hr) or greater are expected, the displacement of the surface film may result in poor control.

Hoppers/Bins: Thoroughly clean and dry the hoppers and bins of contaminants such as petroleum oils, water, detergents and conventional toxicants prior to adding AGNIQUE® MMF GR. Detergents can absorb into the granules and will destroy the film-forming properties of the AGNIQUE® MMF GR.

Expanding Waters: Significant expansion of the habitat's surface due to rain or tidal fluxes can be compensated for by using a dosage that is based on the largest expected surface area. This will ensure complete coverage, and eliminate the need for re-treatment of the flooded area.

MOSQUITO HABITAT	Suggested Rate Range
Fresh and Brackish Water*	7.0 – 21.5 pounds/acre (8.5 – 24 kg/hectare)
Polluted Waters**	11 – 21.5 pounds/acre (12 – 24 kg/hectare)
MIDGE HABITAT	Suggested Rate Range^
Fresh and Polluted Waters	11 – 21.5 pounds/acre (12 – 24 kg/hectare)
<p>* The lower rate (7 pounds/acre) is recommended when only pupae control is desired and in sites with no emergent vegetation and low organic content.</p> <p>* Use higher rates when emergent or surface vegetation is present, due to the wicking action of the product. The more vegetation or the drier the vegetation, the higher the required rate.</p> <p>** Use higher rates in polluted water habitats for effective control.</p> <p>^ Reapplication is recommended every two weeks during the midge season.</p>	

(Note to Review: the following use directions will be provided on product marketed to household users.)

APPLICATION NOTES

Rate of Kill: The rate of kill when using MMF GR is dependent on the species, the life stage, the habitat and the temperature. Pupicidal action will typically result in 24 hours. Larvicidal action will usually result in 24-96 hours. If the film is present, control will be achieved.

Persistence: The AGNIQUE® MMF GR film typically persists on the water's surface for 5 to 22 days. Polluted waters will cause more rapid degradation of the film. Higher application rates will prolong film life and extend the interval between retreatment.

Species: Mosquitoes and midges that require little or no surface contact for breathing will be affected by the product during the pupae and emerging adult life stages.

Wind: The high end of the dosage rate is recommended when treating habitats where multi-directional winds of 10mph (16km/hr) or greater are expected to persist. While the film will be pushed by the winds, it will re-spread quickly once the winds have subsided. If persistent unidirectional winds of 10 mph (16km/hr) or greater are expected, the displacement of the surface film may result in poor control.

Expanding Waters: Significant expansion of the habitat's surface area due to rain or tidal fluxes can be compensated for by using a dosage that is based on the largest expected surface area. This will ensure complete coverage, and eliminate the need for re-treatment of the flooded area.

Suggested Quantity of AGNIQUE® MMF GR
0.1 – 0.25 grams/square feet (1 – 2.5 grams/square meter)

{Note to Reviewer: The following use directions will be used on product packaged in water soluble packages sold in 5 gram and 35 gram units}

APPLICATION NOTES

Rate of Kill: The rate of kill when using MMF GR is dependent on the species, the life stage, the habitat and the temperature. Pupicidal action will typically result in 24 hours. Larvicidal action will usually result in 24-96 hours. If the film is present, control will be achieved.

Persistence: The AGNIQUE® MMF GR film typically persists on the water's surface for 5 to 22 days. Polluted waters will cause more rapid degradation of the film. Higher application rates will prolong film life and extend the interval between retreatment.

Species: Mosquitoes and midges that require little or no surface contact for breathing will be affected by the product during the pupae and emerging adult life stages.

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Expanding Waters: Significant expansion of the habitat's surface area due to rain or tidal fluxes can be compensated for by using a dosage that is based on the largest expected surface area. This will ensure complete coverage, and eliminate the need for re-treatment of the flooded area.

{Note to Reviewer: The following table will be provided on product packaged in water soluble packages sold in 5 gram units}

MOSQUITO HABITAT	Application Rate
Fresh and Brackish Water	1 [pouch] [of] [Agnique MMF GR] will treat up to 50 sq ft of water surface area. For every additional 50 sq ft – apply 1 additional [pouch] [of] [Agnique MMF GR].
Polluted Waters	1 [pouch] [of] [Agnique MMF GR] will treat up to 25 sq ft of water surface area. For every additional 25 sq ft – apply 1 additional [pouch] [of] [Agnique MMF GR].
MIDGE HABITAT	Application Rate [^]
Fresh and Polluted Waters	1 [pouch] [of] [Agnique MMF GR] will treat up to 25 sq ft of water surface area. For every additional 25 sq ft – apply 1 additional [pouch] [of] [Agnique MMF GR].
[^] Reapplication is recommended every two weeks during the midge season.	

{Note to Reviewer: The following table will be provided on product packaged in water soluble packages sold in 35 gram units}

MOSQUITO HABITAT	Application Rate
Fresh and Brackish Water	1 [pouch] [of] [Agnique MMF GR] will treat up to 350 sq ft of water surface area. For every additional 350 sq ft – apply 1 additional [pouch] [of] [Agnique MMF GR].
Polluted Waters	1 [pouch] [of] [Agnique MMF GR] will treat up to 160 sq ft of water surface area. For every additional 160 sq ft – apply 1 additional [pouch] [of] [Agnique MMF GR].
MIDGE HABITAT	Application Rate [^]
Fresh and Polluted Waters	1 [pouch] [of] [Agnique MMF GR] will treat up to 160 sq ft of water surface area. For every additional 160 sq ft – apply 1 additional [pouch] [of] [Agnique MMF GR].
[^] Reapplication is recommended every two weeks during the midge season.	

{Note to Reviewer: The following storage and disposal language will be used on product packaged in water soluble packages sold in 5 gram and 35 gram units}

STORAGE AND DISPOSAL

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

Pesticide Storage: Avoid prolonged storage at temperatures above 35°C (95°F).

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 container. Offer for recycling if available or dispose of empty container in a sanitary landfill or by incineration.

{Note to Reviewer: the following storage and disposal language will appear on household containers:}

STORAGE AND DISPOSAL

If empty: Do not reuse this container. Place in trash or offer for recycling if available. Do not allow product to freeze.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

{Note to Reviewer: the following storage and disposal language will appear on containers larger than 1 gallon in size:}

STORAGE AND DISPOSAL

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

Pesticide Storage: Avoid prolonged storage at temperatures above 35°C (95°F).

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 container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration.

NOTICE

Cognis Corporation makes no warranty, express or implied of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks, storage or handling not in strict accordance with the label.

For information on this pesticide product (including health) concerns, medical emergencies or pesticide incidents, call the National Pesticide Telecommunication Net work at 1-800-858-7378.

{-OR-}

For assistance call the ____ Help Line 1-800-____-____ Monday through Friday 7 am to 5 pm Central Time.

BATCH CODE

Stops Mosquitoes from Breeding
Stop Mosquitoes Before they Start
Stops Mosquito Emergence
Standing Water Treatment
Spreads to cover hard to reach areas
Can be used in habitats containing birds, fish, pets and wildlife
Use every two weeks or as needed
Biodegradable
Peel Here for Directions
See pull out label for additional use instructions
See pull out label for First Aid Treatment
May be used in potable water
Use on: ponds, pools, ditches, irrigation water, flood water areas, other areas where mosquitoes breed and develop
Granular monomolecular surface film in a ready-to-use water soluble pouch
Granular monomolecular surface film
Water soluble pouch is ready-to-use

Net Contents:



Cognis Corporation
4900 Este Avenue
Cincinnati, OH 45232-1419
1-800-254-1029