

AGNIQUE MMF MOSQUITO LARVICIDE & PUPICIDE

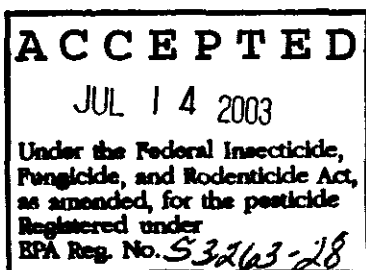
ACTIVE INGREDIENT:

Poly (oxy-1,2-ethanediyl), a-Isooctadecyl-w-hydroxyl
100%

KEEP OUT OF REACH OF CHILDREN CAUTION

See Back Panel for Additional Precautions and Product Information

FIRST AID (TREATMENT)	
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 with plenty slowly and gently with water for 15-20 minutes, then continue rinsing eye. 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.	



PRECAUTIONARY STATEMENTS HAZARDS TO HUMAN AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

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.

This product is for the control of immature mosquitoes and midges in ponds, lakes, swamps, ditches, floodwater areas and many other areas where they breed and develop. This product may be used in potable water and irrigation waters, permanent and semi-permanent waters, and in croplands and pastures.

APPLICATION DIRECTIONS

This product may be applied by both ground and aerial applications. To use spray the desired rate of neat MMF onto the surface of the water. No dilution is required. The MMF will spread to cover hard to access areas. A fan spray is recommended. Do not pour or inject a stream spray directly into water. AGNIQUE® MMF is not visible on the surface of the water. Excess MMF on the water surface will form a globule.

(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 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 24-72 hours. If the film is present, as indicated by the indicator oil, control will be achieved.

Indicator Oil: AGNIQUE® MMF 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 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 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 spraying 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.

Spray Tanks: Thoroughly clean the spray system of contaminants such as petroleum oils, water, detergents and conventional toxicants prior to adding AGNIQUE® MMF. Detergents will destroy the film-forming of the AGNIQUE® MMF; other contaminants (water and oil) will result in the formation of an unsprayable paste.

Dilution: AGNIQUE® MMF is typically applied to the water's surface without dilution. However, if it is desired to spray higher volumes of liquid, AGNIQUE® MMF may be diluted using a high shear injection system, that dilutes the MMF at the nozzle to a maximum of 10% in water. Do not AGNIQUE® MMF to water in non-agitated spray systems. Conventional bypass recirculation will not provide adequate agitation to effectively mix MMF in water.

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.

(Note to Review: the following chart will be used on containers larger than 1 gallon in size.)

MOSQUITO HABITAT		Suggested Rate Range*
Fresh and Brackish Water		0.2 - 0.5 gallons/acre
Examples include salt marshes, ponds, storm water and retention & detention basins, roadside ditches, grassy swales, fields, pastures, potable water containers, reservoirs, irrigated croplands, woodland pools, tidal water, etc.		2 - 5 liters/hectare
Polluted Waters		0.35 - 1.0 gallons/acre
Examples include sewage lagoons, animal waste effluent lagoons, septic ditches, etc.		3.5 - 10 liters/hectare
* 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 rate.		
* The lower rates may be used when only pupae are present.		
MIDGE HABITAT		Suggested Rate Range*
Fresh water		0.5 gallons/acre
Examples include ponds and lakes		5 liter/hectare
Polluted waters		0.5 - 1.0 gallons/acre
Examples include sewage lagoons and percolation ponds		5 - 10 liters/hectare
* Reapplication is recommended every two weeks during the midge season.		

(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 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 24-72 hours. If the film is present, control will be achieved.

Persistence: The AGNIQUE® MMF 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 spraying 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.

Dilution: AGNIQUE® MMF is typically applied to the water's surface without dilution.

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 Review: the following chart will be used on 4 oz. containers.)

Surface Area of Standing Water	Suggested Quantity of AGNIQUE® MMF
1 to 75 square feet	Four full trigger applications of the spray bottle containing AGNIQUE® MMF*
75-100 square feet	Six full trigger applications of the spray bottle containing AGNIQUE® MMF*
Every additional 100 square feet	Four to six full trigger applications of the spray bottle containing AGNIQUE® MMF*
1,000 square feet	40 to 60 full trigger applications (1-1.5 oz.)
* The application can vary between 1 and 1.5 oz. per 1000 sq. ft. (0.1 to .15 oz. /100 sq. ft.)	

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(Note to Review: the following chart will be used on 16 oz. containers:)

Surface Area of Standing Water	Suggested Quantity of AGNIQUE® MMF
1 to 75 square feet	One full trigger application of the spray bottle containing AGNIQUE® MMF*
75-100 square feet	Two full trigger applications of the spray bottle containing AGNIQUE® MMF*
Every additional 100 square feet	Two to three full trigger applications of the spray bottle containing AGNIQUE® MMF*
1,000 square feet	20-25 full trigger applications (1-1.5 oz.)
* The application can vary between 1 and 1.5 oz. per 1000 sq. ft. (0.1 to .15 oz. /100 sq. ft.)	

(Note to Review: 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.

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 Review: the following chart will be used on containers larger than 1 gallon in size:)

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not allow storage containers to rust. Rust contaminants may clog spray nozzles. Do not allow product to freeze.

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: Triple rinse, then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state or local authorities.

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 Network at 1-800-858-7378.

{-OR-}

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

Monomolecular Surface Film for Control of Immature Mosquitoes and Midges
Stops Mosquitoes from Breeding
Standing Water Treatment
Spreads to cover hard to reach areas
Use every two weeks
Mosquito Larvicide & Pupicide
Peel Here for Directions
Biodegradable
Use on: ponds, pools, ditches, flood water areas, many other areas where mosquitoes breed and develop
May be used in potable water

Net (Contents) (WT) _____

EPA Reg. No. 53263-28

EPA Establishment No. _____

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