

AGNIQUE[®] MMF G PAK 35

MOSQUITO LARVICIDE & PUPICIDE

Granular Monomolecular Surface Film in a Ready-To-Use Water Soluble Pouch

CAN BE USED IN: Habitats Containing Birds, Fish, Pets and Wildlife • And Residential Areas Where Water Accumulates and Provides Ideal Breeding Habitats for Mosquitoes

Stop Mosquitoes Before They Start



PAK 35 is a Water Soluble Pouch Packed With MMF G

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%

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.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 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.

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 G PAK 35 onto the surface of the water. The AGNIQUE[®] MMF G 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 G PAK 35 is not visible on the surface of the water. Excess MMF G 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.

SPECIMEN LABEL

AGNIQUE[®] MMF G PAK 35 MOSQUITO LARVICIDE & PUPICIDE

Stop Mosquitoes
Before They Start



APPLICATION NOTES

Rate of Kill: The rate of kill when using AGNIQUE[®] MMF G PAK 35 is dependent on the species, the life stage, the habitat and the temperature. Pupical 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 G PAK 35 film typically persists on the water's surface for 5 to 22 days. Polluted waters will cause more rapid degradation of the film.

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: 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.

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.

MOSQUITO HABITAT	Application Rate
Fresh and Brackish Water	1 AGNIQUE [®] MMF G PAK 35 will treat up to 350 sq ft of water surface area. For every additional 350 sq ft – apply 1 additional pouch.
Polluted Waters	1 AGNIQUE [®] MMF G PAK 35 will treat up to 160 sq ft of water surface area. For every additional 160 sq ft – apply 1 additional pouch.
MIDGE HABITAT	Application Rate [^]
Fresh and Polluted Waters	1 AGNIQUE [®] MMF G PAK 35 will treat up to 160 sq ft of water surface area. For every additional 160 sq ft – apply 1 additional pouch.

[^] Reapplication is recommended every two weeks during the midge season.

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.



Cognis Corporation

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EPA Reg. No. 53263-30

EPA Establishment No. 82979-IL-001

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SPECIMEN LABEL

Material Safety Data Sheet

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SDS no. : 292753

AGNIQUE MMF G PAK 35

Revision: 03/19/2009

printing date: 04/15/2011

1. Chemical product and company identification

Product name:

AGNIQUE MMF G PAK 35

Supplier

Cognis Corporation
5051 Estecreek Drive
Cincinnati, OH 45232-1446
Phone: +1 (866) 910-0598
Fax-no.: +1 (513) 482-3576

Emergency Information Chemtrec:

+1-800-424-9300

2. Composition / information on ingredients

General chemical description:

Mosquito Larvicide & Pupicide in Pellet Form

COMPONENT:	CAS-No.	CONCENTRATION (Wt. %):
Proprietary component(s)		68
Poly(oxy-1,2-ethanediyl), .alpha.-(C16-20 branched and linear alkyl)-.omega.-hydroxy	881022-11-3	32

3. Hazards identification

EMERGENCY OVERVIEW

Low hazard for usual industrial or commercial handling.

Delivery state:

pellets

State:

solid

Odor:

almost odourless

Color(s):

light brown

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Routes of entry:

Skin contact, Eye contact

Potential Health Acute Effects:

Inhalation:

May cause respiratory irritation.

Skin contact:

not irritating

Eye contact:

May cause eye irritation.

Ingestion:

May be harmful if swallowed in large quantities.

Potential Chronic Health Effects:

None known

4. First aid measures

After inhalation:

Remove person from dust-contaminated zone, seek medical advice if necessary.

After skin contact:

Wash thoroughly with soap and water.

After eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

After ingestion:

Do not induce vomiting.

Seek medical advice immediately and show this container or label.

5. Fire fighting measures

Flash point:

365 °F (185.00 °C)

Autoignition temperature:

Not determined

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Flammable/Explosive limits:

Lower limits:

No data available.

Upper limits:

No data available.

Suitable extinguishing media:

water spray jet

Carbon dioxide.

Foam.

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.

Wear full protective clothing.

Unusual fire or explosion hazards:

Avoid creating explosive concentrations of dust.

Hazardous combustion products:

Carbon dioxide., Sulphur oxides

6. Accidental release measures

General information:

Avoid open flames and sources of ignition.

Clean up spills immediately.

Personal precautions:

dust mask

Avoid dust formation.

Process for cleaning and take-up:

Pick up spilled material and containerize for recovery or disposal.

Vacuum or sweep area to remove residues.

7. Handling and storage

Handling:

Handling advice:

Avoid dust formation.

Ensure adequate ventilation.

Avoid naked flames, sparking and sources of ignition.

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Storage:

General storage advice:

Avoid container damage while handling and storing.
Store only in the original container.

8. Exposure controls / personal protection

Indication for system design:

Ensure adequate ventilation.

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Components with specific control parameters for workplace:

Valid for USA

Name on list	Basis	Type	Value	Category	Remarks
PARTICLES (INSOLUBLE OR POORLY SOLUBLE) NOT OTHERWISE SPECIFIED, INHALABLE PARTICLES	ACGIH	Time Weighted Average (TWA).	10 mg/m ³		
PARTICLES (INSOLUBLE OR POORLY SOLUBLE) NOT OTHERWISE SPECIFIED, RESPIRABLE PARTICLES	ACGIH	Time Weighted Average (TWA).	3 mg/m ³		
PARTICULATES NOT OTHERWISE REGULATED RESPIRABLE FRACTION	OSHA Z1	Permissible Exposure Limit (PEL)	5 mg/m ³		All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.
PARTICULATES NOT OTHERWISE REGULATED TOTAL DUST	OSHA Z1	Permissible Exposure Limit (PEL)	15 mg/m ³		All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is the same as the inert or nuisance dust limit of Table Z-3.

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PARTICULATES NOT OTHERWISE REGULATED RESPIRABLE FRACTION	OSHA Z1A	Time Weighted Average (TWA).	5 mg/m ³		
PARTICULATES NOT OTHERWISE REGULATED TOTAL DUST	OSHA Z1A	Time Weighted Average (TWA).	15 mg/m ³		
INERT OR NUISANCE DUST, RESPIRABLE FRACTION	Z3	Time Weighted Average (TWA).	15 others	millions of particles per cubic foot of air.	
INERT OR NUISANCE DUST, TOTAL DUST	Z3	Time Weighted Average (TWA).	50 others	millions of particles per cubic foot of air.	
INERT OR NUISANCE DUST, RESPIRABLE FRACTION	Z3	Time Weighted Average (TWA).	5 mg/m ³		
INERT OR NUISANCE DUST, TOTAL DUST	Z3	Time Weighted Average (TWA).	15 mg/m ³		
PARTICULATES NOT OTHERWISE REGULATED, RESPIRABLE FRACTION	US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	5 mg/m ³		
PARTICULATES NOT OTHERWISE REGULATED, TOTAL DUST	US CA OEL	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	10 mg/m ³		

Personal protection measures:

Respiratory protection:

Nuisance dust mask if use causes dusting.

Hand protection:

Appropriate chemical resistant gloves.

Eye protection:

Safety glasses with side shields.

Skin protection:

Wear suitable protective clothing.

9. Physical and chemical properties

General description:

Delivery state:	pellets
State:	solid
Odor:	almost odourless
Color(s):	light brown

Designation

Solubility in Water

Value

Soluble

Method

no information

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10. Stability and reactivity

Stability:

Conditions to avoid:

Keep away from sources of ignition and naked flames.

Dangerous decomposition products:

Carbon dioxide.

Sulphur oxides

Decomposition advices:

No decomposition if used according to specifications.

Reactivity:

Materials to avoid:

Strong Acids

Strong Alkalies

Strong Oxidizers

Hazardous polymerization:

Will not occur

11. Toxicological information

General toxicological information:

No toxicity information available or testing conducted on this product.

12. Ecological information

General ecological information:

no data available

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13. Disposal considerations

Waste disposal of product:

All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

Reclaim where possible.

14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG.

The transport information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

15. Regulatory information

TSCA Inventory Status:	This product is excluded pursuant to Section 3(2)(B)(ii) of the Toxic Substances Control Act [FIFRA Exclusion].		
SARA 311/312 Hazard Categories:	None		
TSCA 12(b) Components:	none		
SARA 313 Toxic Chemicals:	none		
SARA 302 Extremely Hazardous Substances:	US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)		
	ETHYLENE OXIDE	CAS: 75-21-8	3PPM
CERCLA Hazardous Chemicals:	US. EPA CERCLA Hazardous Substances (40 CFR 302)		
	ETHYLENE OXIDE	CAS: 75-21-8	3PPM
	1,4-DIETHYLENEOXIDE	CAS: 123-91-1	33PPM

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California Proposition 65:

This product contains the following chemical/s known to the State of California to cause cancer and/or birth defects or other reproductive harm.

ETHYLENE OXIDE	CAS: 75-21-8	3PPM
1,4-DIOXANE	CAS: 123-91-1	33PPM

16. Other information

NFPA Rating (US)	Value
Health	1
Fire	1
Reactivity	0
Special Hazard	

HMIS Rating (US)	Value
Health	1
Flammability	1
Reactivity	0

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is being made as to the effects of such use, the results obtained, or the safety and toxicity of the product nor is there any assumed liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.