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2302-14

Accept stamp on 11/10/97

11/10/97 484

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

Date of Issuance:

2302-14

11/10/97

Term of Issuance:

Conditional

Name of Pesticide Product:

AGNIQUE MMF 5996

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

Under FIFRA, as amended:

Name and Address of Registrant (include ZIP Code):

Ms. Barbara Steel
Henkel Corporation
Chemicals Group
4900 Este Avenue
Cincinnati, Ohio 45237-1446

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 others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration 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. Make the following label changes before you release the product for shipment:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 2302-14".

Signature of Approving Official:

Date:

James L. Moley

11/10/97

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3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Jacqueline E. Mosby
Environmental Scientist
Insecticide Rodenticide Branch
Registration Division (7505C)

)
Enclosure

AGNIQUE[®] MMF 5996 LARVICIDE AND PUPICIDE

MONOMOLECULAR SURFACE FILM FOR CONTROL OF MOSQUITO LARVAE AND PUPAE

ACTIVE INGREDIENT

Poly(oxy-1,2-ethanediyl)- α -isooctadecyl- ω hydroxyl (100%)

CAUTION

KEEP OUT OF THE REACH OF CHILDREN

FIRST AID TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation develops.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation develops.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

DIRECTIONS FOR STORAGE AND DISPOSAL

PROHIBITIONS: DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

STORAGE: Protect Drums from Rusting. Keep Standing Water off Drum Lid. Rust Contamination May Clog Spray Nozzles.

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.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Refer to technical bulletin prior to use.

To be used in governmental mosquito control programs, by professional pest control operators, or in other mosquito control operations. This product is for control of mosquito larvae in swamps, floodwater areas, lakes, ponds and many other areas where mosquitos develop.

SPRAY TANK AND MIXING PRECAUTIONS

Thoroughly clean spray system of contaminants such as petroleum oils, conventional toxicants, and detergent residues prior to the addition of technical AGNIQUE[®] MMF or when formulating AGNIQUE[®] MMF with water to prevent possible adverse product interactions and environmental effects.

CAUTION: Detergents can act to destroy the film-forming properties of AGNIQUE[®] MMF. Residual diesel oil left in a tank when mixed with AGNIQUE[®] MMF and water will form a pasty unsprayable material.

Spray tanks should be free of water when using technical AGNIQUE[®] MMF in non-agitating systems.

Ground or aerial spray systems can also be used in conjunction with high sheer metering systems designed to inject AGNIQUE[®] MMF at recommended application rates directly into the water for treatment of 5-10 gallons per acre of water based formulation.

Conventional by-pass recirculation WILL NOT provide adequate agitation to effectively mix AGNIQUE[®] MMF with water.

DO NOT ADD AGNIQUE[®] MMF TO WATER IN NON-AGITATED SPRAY SYSTEMS.

APPLICATION NOTES

AGNIQUE[®] MMF is not visible on the surface of the water. To check the habitat for the persistence of AGNIQUE[®] MMF add a drop of OCENAL 3317 indicator oil to several locations in the habitat. especially those downwind. If the drop of indicator oil forms a tight bead on the surface of the water, AGNIQUE[®] MMF is present. Persistent unidirectional winds of 10 mph or greater, surface drainage overflow, or runoff will result in poor mosquito control due to the displacement or removal of AGNIQUE[®] MMF from the habitat.

Mosquitos that require little or no surface contacts for breathing, i.e. *Mansonia* spp.; *Coquillettidia* spp.; *Culex erraticus* *Culex pilosus*, etc. need properly timed applications to target sensitive surface-contacting pupae and emerging adult stages for maximum impact.

The high end of the dosage range is recommended when spraying habitats where multi-directional winds of 10 mph. or greater are expected to persist for 24 hrs. after treatment to ensure adequate persistence and effective spreading/re-spreading.

Significant expansion of the habitats surface area from rain or tidal fluxes after the application can be compensated by a dosage that is based on the expected surface area. This will help assure adequate AGNIQUE[®] MMF persistence and will eliminate the need for the re-treatment of mosquito broods resulting from the new water.

Application of 0.75-1.0 gal / acre can be useful in controlling *Culex* spp. in dynamic, (continuous breeding) permanent habitats such as sewage treatment systems. These higher applications prolong film life and thus extend the interval between re-treatment.

NOTICE

Henkel 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.

MOSQUITO HABITAT

Recommended Application Rates (Gal/Surface Acre) According To Developmental State

	LARVAE	PUPAE
Semi-permanent or permanent fresh (including potable and irrigation sources) brackish water or salt water habitats with no low, moderate or high concentrations of emergent or surface vegetation.	0.2 - 0.5	0.2 - 0.3
EXAMPLES: Salt marshes, ponds, storm water retention/detention basins, roadside ditches, grassy swales, potholes, fields, reservoirs, irrigated croplands, etc.		
Semi-permanent or permanent polluted water habitats containing no, low, moderate or high concentration of algal mats, emergent or surface vegetation and/or organic/inorganic debris.	0.4 - 0.5	0.2 - 0.3
EXAMPLES: Pumping stations bunkers, setlings, polishing, and evapo-percolation ponds of sewage treatment systems, drainage areas containing effluent from slaughter houses, etc.		

NOTE: LARVICIDAL ACTION will usually result in 24-72 hours. PUPICIDAL ACTION will usually result in 24 hours. Reapply as necessary.

* AGNIQUE[®] MMF may also be applied at recommended rates in water based formulations up to 10 percent by volume.

HENKEL CORPORATION,
MAULDIN, SC 29662

24 HOUR EMERGENCY PHONE
CHEMTREC 1-800-424-9300

HENKEL CORPORATION 864-967-5118
SALES & TECHNICAL INFORMATION
57-442-3130

Henkel

Agricultural Specialties

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Under the Federal Insecticide, Fungicide, and
Rodenticide Act, as amended, for the
periods registered under
EPA Reg. No. 2302-14

