

AGNIQUE[®] MMF MOSQUITO LARVICIDE & PUPICIDE

MONOMOLECULAR SURFACE FILM FOR CONTROL OF MOSQUITO LARVAE AND PUPAE

ACTIVE INGREDIENT

Poly(oxy-1,2-ethanediyl),a-isoocetadecyl-w-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.

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 mosquitoes develop.

SPRAY TANK AND MIXING PRECAUTIONS

Thoroughly clean spray system of contaminates 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.

 **Henkel Corporation**
Agricultural Specialties

HENKEL CORPORATION,
4900 ESTE AVENUE
CINCINNATI, OH 45232-1419
1-800-254-1029

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

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

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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 AGNIQUE[®] MMF 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.

Mosquitoes 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 (Gallon/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. EXAMPLES: Salt -marshes, ponds, storm water retention/detention basins, roadside ditches, grassy swales, potholes, fields, reservoirs, irrigated croplands, etc.	0.2 - 0.5	0.2 - 0.3
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. EXAMPLES: Pumping stations bunkers, settings, polishing, and evapo-percolation ponds of sewage treatment systems, drainage areas containing effluent from slaughter houses, etc.	0.4 - 0.5	0.2 - 0.3

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 PRODUCT CODE 5996 EPA REG NO. 2302-14 EPA Establishment Number 53263-SC-01

SPECIMEN LABEL