

BEST AVAILABLE COPY

PM 18 Reg. No. 56984-1

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**HAZARDS TO HUMANS:**  
Avoid inhalation or contact with eyes or open wounds

**ENVIRONMENTAL HAZARDS:**  
Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless the product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water when disposing of equipment washwaters.

**DIRECTIONS FOR USE**  
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**STORAGE AND DISPOSAL**

**STORAGE:**  
Store in the dark at 12-18°C prior to application. Keep out of direct sunlight. Do not expose to organic compounds known to be toxic to metabolically active microorganisms. Avoid puncturing, rupturing, or rough handling of container such that moisture loss occurs. Keep lid tightly closed. Transfer fungus from damaged containers to prevent loss of viability. Do not use more than 2 weeks after purchase.

**DISPOSAL:**  
Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse plastic container with detergent and water. Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke. See disposal precautions listed above.

**APPLICATION RATES**

**MOSQUITO LARVAE** - Apply 8 to 180 fluid oz/acre (0.7 to 13.3 liters/hectare). Lower rates (8 to 20 fluid oz/acre) are to be used in habitats conducive to epizootics, i.e. moderate populations of highly susceptible mosquito species in fresh, unpolluted water, temperature range 18-30°C. Most treatments will require 20 to 80 fl oz/acre (1.5 to 6 liters/hectare). Use rates greater than 80 fl oz/acre in mosquito habitats supporting less susceptible species, very high densities of larvae, or in habitats with environmental characteristics which are marginal for fungal activity, i.e. moderate salinity, organic content.

MIX with clean water to obtain appropriate dilutions for spray applications. Holding tanks must be constantly agitated to maintain a uniform suspension of fungal cells.

**GRANULAR PREPARATIONS** can be prepared on site for areas with dense vegetation, or when granular application is preferred for other reasons. Coat a carrier (sand, corn grits) with vegetable oil or other non-toxic binding agents and mix with the fungus. Use formulated granules within 1 week after preparation.

**LAGENIDIUM GIGANTEUM MYCELIUM  
+ OOSPORES**

Aqueous Suspension for Control of Mosquito Larvae

**ACTIVE INGREDIENTS:**  
*Lagenidium giganteum (California strain) mycelium* 34%  
*Lagenidium giganteum (California strain) oospores* 6%

**INERT INGREDIENTS:**  
Water 60%  
100%  
\* % composition by weight

**CAUTION:**  
**KEEP OUT OF REACH OF CHILDREN**  
See additional precautionary statements on side panel.

Contains 10<sup>10</sup> CFU/Kilogram  
Registered by: Environmental Management Branch  
California Department of Health Services  
601 No. 7th Street / P.O. Box 942732  
Sacramento, California 94234-7320  
PRODUCING ESTABLISHMENT NO. 65612-WA-001  
EPA REGISTRATION NO. 56984 - 1  
NET CONTENTS: 1 KILCGRAM

NOT FOR SALE OR DISTRIBUTION AFTER DECEMBER 30, 1992.  
NOT FOR USE AFTER DECEMBER 30, 1992.

**BREEDING SITES APPROPRIATE FOR TREATMENT**

Sites appropriate for treatment include all freshwater mosquito breeding sites subject to restrictions outlined on this label.

**SPECIFIC SITES**

**Drainage ditches** -  
Do not use this product if water is stagnant or flowing faster than 5 meters/min.

**Flood Plains** -  
Since these sites are invariably associated with floodwater mosquitoes, the higher application rates are recommended.

**Wildlife ponds** -  
Application rates will depend upon the species present with floodwater species requiring higher application rates. Do not use this product in sites with excessive organic content.

**Tires, miscellaneous small containers** -  
These sites should be treated with the minimal amount possible due to the small volume of water present.

**Margins of rivers and streams** -  
These sites are to be treated only in quiescent areas i.e. with a flow not exceeding 5 meters/min.

**Marshes** -  
Do not treat marshes which are stagnant, rich in organic matter, or have a high salt content.

**NOTE**  
THIS PRODUCT IS NOT CURRENTLY REGISTERED FOR USE ON FOOD CROPS.

**SUSCEPTIBLE GENERA**

Mosquito species in the following genera have been shown to be susceptible to infection by *Lagenidium giganteum*:

*Aedes, Anopheles, Coquillettidea, Culex, Culiseta, Deinocerites, Eretmapodites, Haemagogus, Mansonia, Opitex, Orthopodomyia, Psorophora, Sabethes, Uranotaenia, and Wyeomyia.*

**ACCEPTED**  
JUN 04 1992  
Darter Inc. Product: Lagenidium  
Fungicide, Mosquito Larvicide  
EPA Reg. No. 56984-1