

# SPECIMEN LABEL



## FIRST WATCH™

### Mosquito Larvicide & Pupicide

#### Monomolecular Surface Film for Control of Immature Mosquitoes and Midges

##### Use On

Ponds, Pools, Ditches, Irrigation Water, Flood Water Areas, and Other Areas Where Mosquitoes Breed and Develop

#### Active Ingredient

Poly(oxy-1, 2-ethanediyl),  $\square$ -isooctadecyl- $\square$ -hydroxyl.....100%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

#### Precautionary Statements

**Hazard to humans and domestic animals.**

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

#### First Aid Treatment

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with plenty of water for 15 to 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.

#### Storage and Disposal

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

**Pesticide Storage:** Do not allow storage containers to rust. Rust contamination 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.

#### 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, 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 of First Watch based on water surface area. The water depth is not a factor in rate determination. Spray the desired rate of First Watch onto the surface of the water. No dilution is required and a fan spray is recommended. First Watch 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. Do not pour or inject a stream spray directly into water.

First Watch is not visible on the surface of the water. Excess First Watch on the water surface will form a white globule.

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.

#### Notice

KALO, Inc. 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.

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EPA Est. No. 70815-GA-001

Manufactured For



**KALO**

KALO, Inc.  
Overland Park, KS 66213  
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## Application Notes

**Rate of Kill:** The rate of kill when using First Watch is dependent on the species, life stage, habitat and temperature. Pupicidal action will typically result in 24 hours. Larvicidal action will usually result in 24 to 96 hours. If the film is present, control will be achieved.

**Persistence:** First Watch 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 pupa and emerging adult life stages.

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

**Wind:** The high end of the dosage rate is recommended when spraying habitats where multi-directional winds of 10 mph (16km/hr) or greater are expected to persist. While the film will be pushed by the winds, it will respread 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:** First Watch is typically applied to the water's surface without dilution. Do not dilute product with water or other products.

**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.

## 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 semipermanent 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.

**Polluted Waters:** Sewage lagoons, percolation ponds, animal waste effluent lagoons, septic ditches, waste treatment facility areas, etc.

**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.

**Fresh and Brackish Waters:** 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.

## Application Rates

### Mosquito Habitat

### Suggested Rate Range of First Watch

Fresh and Brackish Water\*

0.2 to 1.0 gallons/acre (2 to 10 liters/hectare)

Polluted Waters\*\*

0.35 to 1.0 gallons/acre (3.5 to 10 liters/hectare)

### Midge Habitat

Fresh and Polluted Waters^

0.5 to 1.0 gallons/acre (5 to 10 liters/hectare)

\* The lower rate (0.2 gallons/acre) is recommended when only pupa control is desired and in sites with no emergent vegetation and low organic content. 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 required rate.

\*\* Use higher rates in polluted water habitats for effective control.

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

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Side 2 of 2