Treated larvae continue to develop normally to the pupal stage where they die.

**INTRODUCTION**

Zoëcon® Altosid® XR Extended Residual Briquets are designed to control mosquitoes in treated areas.

**APPLICATION SITES**

Examples of application sites are: storm drains, catch basins, roadside ditches, fish ponds, ornamental ponds and fountains, other artificial water-holding containers, animal watering troughs, cesspools and septic tanks, waste treatment facilities, and settling ponds, flooded crypts, transformer vaults, abandoned swimming pools, tires, construction and other manmade depressions, cattail marshes, water hyacinth beds, vegetation-choked phosphate pits, pastures, meadows, rice fields, freshwater swamps and marshes, salt and tidal marshes, treeholes, woodland pools, floodplains, and dredging spoil sites.

**APPLICATION RATES**

For application sites connected by a water system, i.e., storm drains or catch basins, treat all of the water-holding sites in the system. APPLICATION SITES: Altosid® XR Briquets, per 100 ft²:

- Aedes, Ochlerotatus spp., and Culex spp.: 2–4 briquets per 200 ft².
- Anopheles, Culex, Culiseta, Coquillettidia spp., Mansonia spp.: 1 briquet per 100 ft².
- Mosquitoes of the floodwater mosquito complex (Anopheles, Culex, Culiseta, Coquillettidia, Mansonia spp.) from treated water.

**APPLICATION TIME**

Place the briquets in the lowest areas of mosquito breeding sites to maintain continuous control as the site alternately floods and dries up.

**APPLICATION NOTES**

- Dissolution of briquets: Release of (S)-methoprene insect growth regulator occurs by dissolution of the briquet. Soft mud and loose sediment can impede formation of a hard crust to retard dissolution by washing off. Filtered water is recommended. Stubborn deposits may require additional briquets. Water flow pressure increases the potential dissolution of the briquet. Conduct regular inspections (visual or biological) in areas of water flow to determine if the briquet is still present. Adjust the retreatment interval based on the results of an inspection.
- Mosquito larvae: Treated larvae continue to develop normally to the pupal stage where they die.
- Briquet removal: When water flow is stopped and the briquets cannot be removed by flushing action, cover the briquets and inhibit normal dispersion of the active ingredient. The product may not be effective in those situations where sites can be removed from the site by flushing action.
- Efficacy: Under normal conditions, one application will last the entire mosquito season, or up to 150 days, whichever is shorter. Alternate wetting and drying will not reduce their effectiveness.
- Environmental hazards: In an aquatic habitat, water clarity, temperature, and aquatic vegetation may affect the efficacy of the briquets. Water pollution or sewage effluents may affect the efficacy of the briquets.

**PRECAUTIONARY STATEMENTS**

**CAUTION**

Do not use this product in areas frequented by livestock or wildlife. Do not contaminate water, food, or feed by storage or disposal. If burned, stay out of smoke.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or may be disposed of on site or at an approved waste disposal facility. Store in a cool place. Do not reuse empty container.

**PRODUCT DOCUMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CARET**

- **Health Hazards:**
- **Environmental Hazards:**
- **Disposal Hazards:**
- **Emergency Procedures:**
- **Other Information:**
- **Pesticide Disposal:**

**WARRANTY AND CONDITIONS OF SALE:**

For information or in case of emergency, call 1-800-248-7763.

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EPA Reg. No. 2724-421 EPA Est. No. 2724-TX-1

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**Environmental Hazards:**

To avoid contamination, do not contaminate water, food, or feed by storage or disposal. Do not contaminate water when disposing of equipment wash water.

**Precautionary Statements – Hazards to Humans and Domestic Animals:**

**Caution:** Use only as directed. Read and follow all precautions and directions on this label. If symptoms persist or become severe, ask a health professional before use. Keep out of reach of children. If exposed or suspected to exposure, seek medical help immediately, even if no signs or symptoms are present.

**First Aid:**

- For eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- For skin: Wash with plenty of soap and water. If irritation persists, get medical help immediately.
- For ingestion: Do not induce vomiting. Drink plenty of water. If symptoms persist, get medical help or call a Poison Control Center immediately.

**Storage and Disposal:**

- Store in a cool, dry place.
- Do not contaminate water, food, or feed by storage or disposal.
- Do not contaminate water when disposing of equipment wash water.
- Nonrefillable container. Do not reuse. Do not incinerate. Disposal not covered in label:
  - Labeling regulations do not include disposal instructions for non-refillable containers. For the proper method of disposal, contact your local waste disposal facility or your local waste management authority.
  - Hazardous waste and spills must be handled according to federal, state, and local laws.

**Application Sites:**

- For application to cattail marshes and water hyacinth beds. For control of these mosquitoes, place one briquet per 100 ft².
- For control in non-(or low-) flow shallow depressions (< 2 feet in depth), treat on the basis of surface area, placing one briquet per 100 ft².
- For catch basins, place one briquet per two feet of water depth.

**Application Time:**

- Prior to flooding when sites are dry, or on snow and ice in breeding sites prior to spring thaw. Under normal conditions, one application will last the entire mosquito season, or up to 150 days, whichever is shorter. Alternate wetting and drying will not reduce their effectiveness.

**Application Rates:**

<table>
<thead>
<tr>
<th>Number of Briquets</th>
<th>Catch Basin Size (Gallons)</th>
<th>Surface Area/Water Depth (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0-1500</td>
<td>0-2</td>
</tr>
<tr>
<td>2</td>
<td>1500-3000</td>
<td>2-4</td>
</tr>
<tr>
<td>3</td>
<td>3000-4500</td>
<td>4-6</td>
</tr>
<tr>
<td>4</td>
<td>4500-6000</td>
<td>6-8</td>
</tr>
</tbody>
</table>

**Application Chart:**

- For storm flow to determine if the briquet is still present. Adjust the retreatment interval based on the results of an inspection.
- Water flow pressure increases the potential dissolution of the briquet. Conduct regular inspections (visual or biological) in areas of water flow.
- In areas of water drainage areas, place one briquet per 100 ft² of surface area up to two ft deep. In areas that are deeper than two feet, use one additional briquet per two feet of water depth.
- For application sites connected by a water system, i.e., storm drains or catch basins, treat all of the water-holding sites in the system to maximize the efficiency of the treatment program.

**Active Ingredient:**

- (S)-Methoprene insect growth regulator has no effect on mosquitoes which have reached the pupal or adult stage. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

**Other Ingredients:**

- [Other ingredients are listed on the label, including percentages and specific compounds.]

**Special Instructions:**

- Prior to treatment, cover the briquets and inhibit normal dispersion of the active ingredient. The product may not be effective in those situations where conditions, such as flow, etc., may be likely to contaminate the treated waters. Treated larvae continue to develop normally to the pupal stage where they die.

**Warranty and Conditions of Sale:**

- Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions. To the extent permitted by law, Buyer waives all claims for damages whether direct or indirect, which Buyer may sustain in connection with the use of this product, other than those claims which may arise under state or federal law. Buyer hereby waives any and all claims for damages which Buyer may sustain in connection with the use of this product other than those claims which may arise under state or federal law.

**EPA Registration Numbers:**

- EPA Reg. No. 2724-421
- EPA Est. No. 2724-TX-1

**Registration Date:**

- 12/29/1989

**Registration Authority:**

- Federal

**Date and Place of Filing:**

- 01/25/2005

**Registration Status:**

- Registration Renewal

**Application:**

- Low

**Statement of Curative Properties:**

- This product is a curative insecticide.

**Uses:**

- Control of mosquitoes in aquatic habitats.

**States/Regions Approved for Use:**

- All states and regions

**Export Approval:**

- Not Exportable

**Labeling Requirements:**

- All requirements are met.

**Product Name:**

- Altosid® XR Briquets

**MTD:**

- MTD 100508842

**Manufacturer:**

- Wellmark International

**Other Names:**

- Zoëcon, Altosid, Zoëcon, Zoëcon

**Web Site:**

- www.altosid.com

**Trademarks:**

- All trademarks are registered with the U.S. Patent and Trademark Office. ALL RIGHTS RESERVED. APPLICABILITY:
INTRODUCTION: ZOECON® ALTOSID® XR EXTENDED RESIDUAL BRIQUETS

Anopheles, Culex, Culiseta, Aedes, Ochlerotatus, Coquillettidia, Mansonia spp., as well as those of the floodwater mosquito complex (including those which may transmit West Nile Virus) are controlled by application of ALTOSID® XR BRIQUETS. 

APPLICATION RATES:

<table>
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<td>6-8</td>
<td>4</td>
</tr>
</tbody>
</table>
INTRODUCTION: ZOECON® ALTOSID® XR EXTENDED RESIDUAL BRiquets

You may also contact 1-800-248-7763 for emergency medical treatment information.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If on skin or clothing
• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.

If in eyes
• Rinse with plenty of water for 15 minutes. If symptoms continue, get medical help.

If swallowed
• Do not induce vomiting. • Rinse mouth and give 1-2 cups of water. If symptoms continue, get medical help.

Inhalation
• Move to fresh air. Call a doctor if symptoms present.

FIRST AID:

You may want to perform the following inspection.

If the briquets are not visible in the water, inspect the surrounding areas of water flow to determine if the briquet is still present. Adjust the retreatment interval based on the results of an inspection.

APPLICATION RATES:

Examples of application sites are: storm drains, catch basins, roadside ditches, fish ponds, ornamental ponds, water basins, cisterns, basins, and fountains, other artificial water-holding containers, animal watering troughs, cesspools and septic tanks, and treeholes, woodland pools, floodplains, and dredging spoil sites. For application sites connected by a water system, i.e., storm drains or catch basins, treat all of the water-holding sites in the system to maximize the efficiency of the treatment program.

APPLICATION SITES: ALTOSID® XR BRiquets

Application sites are designed to control mosquitoes in treated areas.

ALTOSID® XR BRiquets are a sustained release product to prevent adult mosquito emergence. Use to prevent the emergence of adult mosquitoes including:

- Anopheles, Culex, Culiseta, Aedes, Ochlerotatus, and Mansonia spp., as well as those of the floodwater mosquito complex (Mansonia sp. in storm water drainage areas, sewers, and catch basins:
  - For application to cattail marshes and water hyacinth beds. For control of these mosquito species.
  - For control in non-(or low-) flow shallow areas of water:
    - For control of these mosquito species.
  - For control in treeholes, woodland pools, floodplains, and dredging spoil sites.
  - For application sites connected by a water system, i.e., storm drains or catch basins, treat all of the water-holding sites in the system to maximize the efficiency of the treatment program.

ALTERNATE WETTING AND DRYING WILL NOT REDUCE THEIR EFFECTIVENESS.

A 100% effective mosquito elimination program guarantees maximum mosquito control. It is the responsibility of the user to follow the label instructions. Do not contaminate water, food, or feed by storage or disposal.

Storage:

Container shall be stored in a safe, cool, dry place. Keep out of reach of children and pets.

Net weight: 17.7 LBS (8 KG)

Contains 220 briquets

Precautionary statements:

Hazards to Humans and Domestic Animals

This product contains water; therefore the weight of the briquet and percent by weight of active ingredient will vary with hydration. The ingredient statement is expressed on a dry weight basis.

Active ingredient:

(S)-Methoprene (CAS #65733-16-6)

The primary active ingredient, (S)-methoprene, is a pyrethroid insect growth regulator that is metabolized by the larvae into a more toxic form, which will cause the larvae to develop to the pupa stage where they will die.

NOTE:

(S)-methoprene produces a lethal effect on mosquito larval development. Psorophora and Coquillettidia, Mansonia, Aedes, Ochlerotatus, and Culex spp. continue to develop normally to the pupal stage. Treated larvae continue to develop normally to the pupal stage where they die.

Precautionary Statements – Hazards to Humans and Domestic Animals – Controls

Skin irritation:

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

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

Pesticide Disposal:

Drainage areas, sewers, and catch basins:

For catch basins, place one briquet per 100 ft

For storm water drainage areas, place one briquet per 100 ft

Spill and Containment:

In the event of a spill, contain spill with absorbent material to prevent contamination of nearby water bodies. Spilled ingredients shall be disposed of on site or at an approved waste disposal facility by incineration, or if allowed by state and local authorities, by burning.

While preparing and using this product, extreme caution is advised since it is highly toxic to birds, fish, and aquatic life. Do not contaminate water, food, or feed by storage or disposal.

WARRANTY AND CONDITIONS OF SALE:

This product is being sold subject to the Standard Form of Sale of Pesticides and Fungicides, including the restricted use provisions of said form. Buyer shall be solely responsible for any injury or damage sustained by or to any person or property resulting from the use or handling of this material when such use and handling are contrary to label instructions.

EPA Est. No. 2724-421
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Garden & Pet Company.

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