

BEST DOCUMENT AVAILABLE®

# Altosid®

## BRIQUETS

A sustained release  
Mosquito Growth Regulator to prevent  
adult mosquito emergence.

ACTIVE INGREDIENT: methoprene (isopropyl (E, E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate)* (Dry Weight Basis)	7.9%
INERT INGREDIENTS	92.1%
	100.0%

\*U.S. Patents 3,904,662 & 3,912,815

ALTOSID is a registered trademark of Zoecon Corporation

E.P.A. Reg. No. 20954-13

E.P.A. Est. No. 20954-CA-2

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.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

Minimum Net Contents: 1.50 pounds  
(681 grams)

Contains 100 Briquets

NOT FOR SALE OR USE AFTER

**ACCEPTED**

JUN 22 1978

Under the Federal Insecticide, -  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under

20954-13

# zoëcon®

Manufactured By Zoecon Corporation, Palo Alto, California 94304

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**PRECAUTIONS:**

Do not apply to known fish habitat.

**DIRECTIONS FOR USE:**

**GENERAL CLASSIFICATION**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**STORAGE AND DISPOSAL:**

**STORAGE:** Store in a cool place. Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container.

**DISPOSAL:** Pesticide that cannot be used should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Dispose container in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

**NOTE TO USER:**

Do not remove Altosid Briquets from container except for immediate use.

Because of the unique mode of action of Altosid Briquets, users must be familiar with special techniques for accurate evaluation of treatments. See Product Application Bulletin or consult local mosquito abatement agency.

Effective use of Altosid Briquets in sites subjected to periodic heavy flow of water requires careful attention to briquet placement and to the possible need for retreatment. Use of the product in storm drains, waste treatment and settling ponds, and similar systems should therefore be limited to experienced pesticide applicators such as personnel of Mosquito Abatement Districts and Public Health agencies.

**INTRODUCTION:** The Altosid Briquet is a formulation designed to release effective levels of Altosid insect growth regulator over a 30 day period under typical environmental conditions. Release of Altosid insect growth regulator is effected by dissolution of the Altosid Briquet. Obstructions, such as debris, vegetation, and loose sediment, can cover the briquets and inhibit normal dispersion of the active ingredient. Such obstructions may occur after high rainfall or flow. The product may not be effective in those situations where the briquet can be removed from the site by flushing action.

Altosid Briquets prevent the emergence of adult mosquitoes including *Culex*, and *Culiseta* spp., as well as those of the flood-water mosquito complex (*Aedes*, *Anopheles*, and *Psorophora* spp.) from treated water. Treated larvae continue to develop normally to the pupal stage where they die.

**APPLICATION TIME:** Placement of Altosid Briquets should be made at the beginning of the mosquito season. Under normal conditions repeat treatment every 30 days. Renew at the recommended interval and rate (see table). Continue treatment through the last brood of the season. Placement may be made at any stage of larval

development. **NOTE:** This insect growth regulator has no effect on mosquitoes which have reached the pupal or adult stage prior to treatment.

**APPLICATION SITES:** Altosid Briquets are designed to control mosquitoes in small bodies of water which are not known fish habitat. Examples of application sites are: storm drains, catch basins, roadside ditches, ornamental ponds and fountains, cesspools and septic tanks, waste treatment and settling ponds, flooded crypts, transformer vaults, abandoned swimming pools, construction and other man made depressions. For application sites connected by a water system, i.e., storm drains or catch basins, all of the water holding sites in the system should be treated to maximize the efficiency of the treatment program.

**APPLICATION RATES AND INTERVALS:** For mosquito control in non- (or low-) flow, shallow depressions (up to 2 feet in depth), treat on the basis of surface area placing 1 Altosid Briquet per 100 sq. ft.

For mosquito control in water subject to flow or deeper than 2 feet, treat on the basis of volume. Apply at the rate of 1 Altosid Briquet per 10 cu. ft. (75 gal. of water.)

Altosid Briquets will maintain an effective concentration throughout 4 complete volume changes per 30 day treatment interval according to the following table.

**ALTOSID BRIQUETS FOR FLOWING WATER**  
Volume/Treatment Rate/Flow

Maximum Water VOLUME in Application Site	Basic Application Rate (Altosid Briquets)	Allowable FLOW for 30 Day Mosquito Control
0-10 cu. ft. (75 gal.)	1	up to 300 gal.
10-20 cu. ft.	2	up to 600 gal.
20-30 cu. ft.	3	up to 900 gal.
30-40 cu. ft.	4	up to 1200 gal.

In the event of higher flow reduce the treatment interval proportionately using the following flow formula. Do not increase the application rate.

**Flow Adjustment Formula**

$$\frac{\text{Allowable Flow}^*}{\text{Actual Flow}} \times 30 = \text{Adjusted Treatment Interval (days)}$$

\*4 volume changes or see, above, table.

Example: For a 36 cu. ft. catch basin of low flow (up to 1200 gal. per 30 days) treat with 4 Altosid Briquets. For higher flow, such as 2400 gal. per 30 days the treatment interval should be reduced to 15 days.  $(1200/2400 \times 30 = 15)$

**WARRANTY AND CONDITIONS OF SALE:**

Zoecon Corporation warrants that the chemical composition of this product conforms to the chemical description on the label. Zoecon makes no warranty, express or implied, concerning the use of this product other than as indicated on the label.

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