

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 30 1982

ALTOSID® MINIKETS

A SUSTAINED RELEASE MOSQUITO GROWTH REGULATOR TO PREVENT ADULT
EMERGENCE IN SMALL VOLUMES OF WATER

ACTIVE INGREDIENT:

Methoprene [Isopropyl (E,E)-11-methoxy-3,7,11-
trimethyl 2,4-dodecadienoate]*

INERT INGREDIENTS 90.0%

TOTAL 100.0%

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

ALTOSID is a registered trademark of Zoncon Corporation

EPA Reg. No. _____ EPA Est. No. 20954-CA-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

CONTAINS _____ MINIKETS

1.3 grams each

NOT FOR SALE OR USE AFTER _____

PRECAUTIONARY STATEMENTS

Do not apply to known fish habitat

STORAGE AND DISPOSAL

Storage: Store in a cool place.

Disposal: Bury empty container or discard according to local regulations.

HANDLING INSTRUCTIONS

1. Do not remove ALTOSID MINIKETS from container except for immediate use.
2. Reseal container immediately to maintain MINIKET moisture control.

WARRANTY AND CONDITIONS OF SALE: Zoncon Corporation warrants that this product conforms to the chemical description of the label. Neither Zoncon nor the seller makes any other warranty, express or implied.

ZONCON CORPORATION
Palo Alto, California 94306

(902D)

DIRECTIONS FOR USE

Under the Federal Insecticide, Fungicide, and Rodenticide Act, it is a violation of Federal law to use this product in a manner inconsistent with its labeling.

as registered under EPA Reg. No. 20954-121

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INTRODUCTION: The ALTOSID MINIKET 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 MINIKET. ALTOSID MINIKETS prevent the emergence of adult mosquitoes including *Culex* and *Culiseta* spp., as well as those of the floodwater 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 Minikets should be made at the beginning of the mosquito season. Under normal conditions repeat treatment every 30 days or as water accumulation warrants. 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 stage or adult stage prior to treatment.

APPLICATION SITES: ALTOSID MINIKETS 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 ponds, 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 4 ALTOSID MINIKETS 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 4 ALTOSID MINIKETS per 10 cu. ft. (75 gal. of water). ALTOSID MINIKETS will maintain an effective concentration throughout 4 complete volume changes per 30 day treatment interval according to the following table.

ALTOSID MINIKETS FOR FLOWING WATER

Volume /Treatment Rate/Flow

Maximum Water VOLUME in Application Site	Basic Application Rate (Altosid Minikets)	Allowable FLOW for 30 Day Mosquito Control
0-10 cu.ft. (75 gal.)	4	up to 300 gal.
10-20 cu. ft.	8	up to 600 gal.
20-30 cu. ft.	12	up to 900 gal.
30-40 cu. ft.	16	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 16 ALTOSID MINIKETS. For higher flow, such as 2400 gal. per 30 days the treatment interval should be reduced to 15 days ($1200/2400 \times 30 = 15$).

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3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joseph M. [Signature] 30 November 1952
Franklin D. R. Gee
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767C) (21103)

Enclosures