

ALTOSID® XR BRIQUETS

RESTRICTED

AN INSECT GROWTH REGULATOR TO PREVENT ADULT MOSQUITO
EMERGENCE

ACTIVE INGREDIENT: (S)-METHOPRENE2.1%

REGISTRATION NO. 27694 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION - EYE IRRITANT

THIS PRODUCT CONTAINS WATER. THEREFORE THE WEIGHT OF THE
BRIQUET AND PERCENT BY WEIGHT OF ACTIVE INGREDIENT WILL VARY
WITH HYDRATION. THE GUARANTEE IS EXPRESSED ON A DRY WEIGHT
BASIS.

USE OF THIS PRODUCT IS LIMITED TO: PUBLIC HEALTH OFFICIALS,
MOSQUITO ABATEMENT OFFICIALS AND OTHER TRAINED PERSONNEL

NET CONTENTS: 8 Kg
Contains 220 briquets

Wellmark International
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Guelph, Ontario N1G 5L3
1-800-688-7378

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

NATURE OF RESTRICTION:

This product is to be used only in the manner authorized; consult provincial pesticide regulatory authorities regarding appropriate use permits that may be required.

INTRODUCTION:

ALTOSID XR BRIQUETS are designed to release (S)-methoprene, an insect growth regulator, in mosquito breeding sites by dissolution of the briquet. Soft mud and loose sediment can cover the briquets and inhibit normal dispersion of the active ingredient in water. Briquets flushed from treated sites will no longer be effective. ALTOSID XR BRIQUETS prevent the emergence of adult mosquitoes, including *Culex* spp., from treated water. Under normal conditions, one application will last the entire mosquito season, or up to 150 days, whichever is shorter.

NOTE:

Larvae in treated sites will continue to develop normally to the pupal stage, and will only die then. As (S)-methoprene is an insect growth regulator, it has no effect on mosquitoes which have reached the pupal or adult stage prior to treatment.

RESTRICTED USES: DIRECTIONS FOR USE

APPLICATION SITE - STORM SEWERS AND CATCH BASINS

Apply ALTOSID XR BRIQUETS in storm sewers and catch basins by hand. All water-holding sites within the system should be treated to maximize the efficiency of the treatment program.

APPLICATION TIMING:

Apply ALTOSID XR BRIQUETS early in the mosquito season, when larvae start to develop. The limit is one application per season, unless briquets have been flushed away.

APPLICATION RATES:

Culex spp. in storm sewers and catch basins:

For catch basins up to 5500 L, place 1 briquet per basin. In cases of large catch basins, refer to the chart below to determine the number of briquets required.

CHART OF APPLICATION RATES FOR CATCH BASINS

Catch Basin Size (Litres)	Number of Briquets
Up to 5, 500	1
5, 501-11,000	2
11,001 – 16,500	3
16,501 - 22,000	4

Large water flows may accelerate the dissolution of the briquet. The limit is one application per season, unless briquets have been flushed or dissolved away.

APPLICATION SITE - FLOODWATER AND PERMANENT WATER SITES

ALTOSID XR Briquets may be applied to temporary and permanent sites which support mosquito larval development. Sites include: snow pools, salt and tidal marshes, floodplains, fresh water swamps and marshes, water hyacinth beds, woodland pools and meadows, pastures, ornamental ponds and fountains, mining pits, transformer vaults, abandoned swimming pools, dredge spoil sites, drainage areas, ditches, water-holding receptacles and other natural and man-made depressions containing water equal to or larger than a surface area of 9.29 m² (100 ft²), up to 60 cm in depth. Treat salt marsh or tidal marsh areas above mean high tide levels.

NOTE: Large water flows may accelerate the dissolution of the briquet. The limit is one application per season, unless briquets have been flushed or dissolved away.

APPLICATION RATES:

Aedes spp., *Anopheles* spp. *Psorophora* spp., *Ochlerotatus* spp.: Apply one ALTOSID XR Briquet per 9.29 m² (100 ft²) in water up to 60 cm in depth.

Coquillettidia spp.: Apply one ALTOSID XR Briquet per 9.29 m² (100 ft²) where vegetation grows as floating mats or one ALTOSID XR Briquet per 12.3 m² (132 ft²) where vegetation grows as rooted stands, in water up to 60 cm in depth.

Culex spp., *Culiseta* spp. *Mansonia* spp. (suppression): Apply one ALTOSID XR Briquet per 9.29 m² (100 ft²) in water up to 60 cm in depth.

The level of control provided by ALTOSID XR Briquets may be influenced by a range of environmental factors that characterize floodwater and permanent water use sites. Monitoring mosquito populations may be required to confirm that the expected level of control is achieved.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. May irritate eyes. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during application. Do not use on food crops or in water which may be used for immediate human or livestock drinking purposes. This product contains a petroleum distillate which is toxic to aquatic organisms. Avoid contamination of aquatic systems other than the target areas during the application of this product. Do not contaminate these non-target aquatic systems through direct application, disposal of waste or cleaning equipment.

FIRST AID:

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor.

Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take the container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

Toxic to aquatic organisms.

STORAGE:

Store in a cool, dry place and away from direct sunlight. Store this product away from food or feed.

DISPOSAL:

Do not reuse this container for any purpose. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

For information or in case of emergency, call 1-800-688-7378 or visit our web site www.altosid.com.

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