

D.O.M.

Batch No.:



# BITHOR\*

## GRANULAR INSECTICIDE

ACTIVE CONSTITUENT: 2 g/kg BIFENTHRIN

**GROUP 3A INSECTICIDE**

For the control of certain pests in turf; ants, fleas and ticks in external surrounds of buildings and structures as specified in the Directions for Use Table.

APVMA Approval No: 58722/5/0308

**ENSYSTEX AUSTRALIA PTY LTD**  
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**CUSTOMER SERVICE 13 35 36**  
**EMERGENCY RESPONSE (ALL HOURS) 13 35 36**

\* Trademark of Ensystex

Contents:  
**5 kg**



### GENERAL INSTRUCTIONS

For optimum results use a properly calibrated granule applicator.

#### Insecticide Resistance Warning

#### GROUP 3A INSECTICIDE

For insecticide resistance management Bithor Granular Insecticide is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Bithor Granular Insecticide and other Group 3A Insecticides may exist through normal genetic variability in insect population. The resistant individuals can eventually dominate the insect population if Bithor Granular Insecticide or other Group 3A Insecticides are used repeatedly. The effectiveness of Bithor Granular Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, ENSYSTEX AUSTRALASIA accepts no liability for any losses that may result from the failure of Bithor Granular Insecticide to control resistant insects. Bithor Granular Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, ENSYSTEX AUSTRALASIA representative or local agricultural department agronomist.

#### PROTECTION OF PETS AND LIVESTOCK:

Before treatment, remove animals and pets from the areas to be treated. Cover or remove any open food and water containers. Keep away from domestic pets, especially dogs. If dogs eat the granules, contact your veterinary surgeon immediately. Use with caution around pets - ensure product is well dispersed ie. swept in between pavers, cracks and crevices and dispersed into soil and/or lawn. Cover or remove fishponds, aquariums etc before application. DO NOT apply

Bithor within 2 metres of a fishpond or water containing fish or aquatic species.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

Dangerous to fish and aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

#### STORAGE AND DISPOSAL:

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Spillage: Dispose of waste as indicated below or according to the Australian Standard AS 2507- Storage and Handling of Pesticides. Do NOT allow spilled product to enter sewers, drains creeks or any other waterways. Shake containers empty onto treatment site. Puncture or shred and bury empty containers at a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**FIRST AID:** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

**MATERIAL SAFETY DATA SHEET:** Additional information is listed in the Material Safety Data Sheet.

**NOTICE:** Ensystex warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with Directions for Use under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by Ensystex, or under abnormal conditions.

### DIRECTIONS FOR USE

#### RESTRAINTS:

DO NOT apply inside buildings.

DO NOT apply within 2 metres of water (eg ponds, creeks, dams, drains)

SITUATION	PEST	RATE kg/ha	RATE kg/100 m <sup>2</sup>	CRITICAL COMMENTS	
Turf (For example: lawns, commercial turf farms, parks, recreational areas, golf courses, bowling greens, sports fields)	Lawn Armyworm ( <i>Spodoptera mauritia</i> )	60	0.6	Broadcast Bithor with suitable application equipment to ensure uniform coverage over the treatment area. To ensure optimum control, irrigate the treated area with up to 4 mm of water immediately after application. Inspect treated areas for continuing activity. Reapply as required.	
	Sod Webworm ( <i>Herpetogramma licarsisalis</i> )	60-220	0.6-2.2	Broadcast Bithor with suitable application equipment to ensure uniform coverage over the treatment area. Apply granules to areas where ants are active. Where possible apply granules directly to the nest.  Use the low rate for maintenance treatments or to control light infestations. Use the high rate for heavy infestations and for maximum residual control.  The elimination of funnel ants from a particular site will generally require more than one application. Initial applications should be broadcast over affected areas. As the number of active colonies is reduced, application should shift to targeting active mounds. Apply granules directly to the mound and in the area immediately surrounding active mounds (300 mm radius).	
Black ants, Coastal Brown Ants, Funnel Ants, Meat Ants, Sugar Ants, Stinging Ants only	External surrounds of buildings and structures			Black ants, Coastal Brown Ants, Funnel Ants, Meat Ants, Sugar Ants, Stinging Ants only	60-220
	Fleas (Adults and Larvae) ( <i>Ctenocephalides</i> spp.)	110-220	1.1-2.2	Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. For optimum results irrigate the treated areas with up to 10 mm of water immediately after application. Use higher application rates when treating areas with dense ground cover or heavy leaf litter.	
	Ticks ( <i>Ixodes</i> spp.)	110-220	1.1-2.2	Applications should be made in spring to control larvae and nymphs that reside in the soil and leaf litter. Do not make spot applications. Treat the entire area where exposure to ticks may occur. Use higher application rates when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Retreat as necessary to maintain adequate control.	

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

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