

# CULITHOR™

## GRANULAR MOSQUITO GROWTH REGULATOR

Registration No. L10919 of Act No. 36 of 1947 UN No. 3082

A granular insect growth regulator (juvenile hormone mimic)  
for the prevention of adult mosquito emergence.

**ACTIVE CONSTITUENT: 12 g/kg (S)-METHOPRENE**

### ENSYSTEX SOUTH AFRICA (PTY) LTD

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Net Contents:

**1 kg**

### APPLICATION

CULITHOR™ Granular Insect Growth Regulator can be applied prior to flooding by tides or at any larval stage after flooding by rain or tides, or in permanent water sites.

Ground: Apply by hand or by using ground equipment capable of achieving good, even coverage.

| SITE  | PEST  | RATE  | CRITICAL COMMENTS  |
|---|---|---|--|
| Freshwater swamps and marshes, salt and freshwater lagoons, salt marshes, mangrove swamps, estuarine areas, woodland pools, any natural water-holding features. For use in open water or where water is obscured by vegetation. | <i>Aedes</i> , <i>Anopheles</i> , <i>Culex</i> and <i>Ochlerotatus</i> spp. | 1.0 kg/ha<br>(10 m <sup>2</sup> 1 g or 100 m <sup>2</sup> 10 g) | Use this rate when water is shallow (<30 cm), clean and mosquito larval numbers are low (<10 per dip). |

### WITHHOLDING PERIODS

NO WITHHOLDING PERIOD IS REQUIRED FOR LIVESTOCK CONSUMING THE TREATED WATER IF PRODUCT IS APPLIED DIRECTLY INTO WATER.

**IF PRODUCT IS APPLIED TO DRY SITES (PRIOR TO FLOODING OR RAINFALL) THEN THE FOLLOWING WITHHOLDING PERIOD MUST BE OBSERVED:**

**LIVESTOCK THAT GRAZE VEGETATION OR SOIL WITHIN 14 DAYS OF APPLICATION MUST BE PLACED ON CLEAN FEED FOR A PERIOD OF 21 DAYS PRIOR TO SLAUGHTER.**

**USERS MUST NOTIFY LIVESTOCK PRODUCERS OF THE WITHHOLDING PERIOD PRIOR TO TREATING DRY SITES THAT MAY BE GRAZED BY LIVESTOCK.**

## GENERAL INSTRUCTIONS

**Always keep unused product as dry as possible.**

CULITHOR™ prevents the emergence of adult mosquitoes, including common *Aedes*, *Anopheles*, *Culex* spp. from treated sites. Treated larvae continue to develop normally to the pupal stage after which they fail to emerge. CULITHOR™ Granular Insect Growth Regulator has sufficient activity to be effective against existing broods when applied to any larval stage at recommended rates.

Third and fourth larval instars are more susceptible to the effects of (S)-methoprene than early stages. (S)-methoprene has no effect on mosquitoes which have reached the pupal or adult stage of development at time of treatment.

## DIRECTIONS FOR USE

**Use only as indicated**

Prior to application of areas grazed by livestock, users must notify livestock producers of the with holding period.

## WARNINGS

Handle with care. A slight skin irritant. Toxic to fish, crustacea and other aquatic and soil arthropods. Store in original container, in a cool place and away from food and feedstuffs. Keep at temperatures not exceeding 40 (degrees sign) C. Keep out of the reach of children, uniformed persons and animals. Do not apply to animals.

## PRECAUTIONS

Wash with soap and water after use or accidental skin contact. Wear protective clothing, protective gloves and a face shield, during application. Wash clothing after day's work. Do not eat, drink or smoke whilst filing applicator or applying and before washing hands and face. Avoid contamination of food, feed, drinking water and eating utensils. Clean applicator thoroughly after use and do not leave pesticide mixture standing in applicators overnight. Dispose of wash water where it will not contaminate crop, grazing or water. Empty container thoroughly into applicator, perforate and dispose of according to local legislation.

Do not use the empty container for any other purpose. Do not contaminate dams, sewerage systems, drains, ponds, streams and other waterways with the product or used containers.

## FIRST AID

If poisoning occurs, contact a doctor or Griffon Poison Information Centre, Call +27 82 446 8946 (24 hours)

## 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.



**Batch No.:**

**Date of Manufacture:**