

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.

- PRECAUTIONS
- 1. Handle with care. Avoid splashing and contact with eyes, nose and mouth.
  - 2. Poisonous by swallowing, inhalation and contact with skin.
  - 3. WEAR FULL PROTECTIVE CLOTHING i.e. rubber gloves, rubber boots, overalls, hood and respirator when mixing and applying this insecticide.
  - 4. On completion of spraying, remove protective clothing and wash hands and face thoroughly with soap and water.
  - 5. KEEP APART FROM FOOD AND FOODSTUFFS.
  - 6. **DO NOT** eat, drink or smoke while mixing and applying Lambda cyhalothrin 5EC.
  - 7. KEEP OUT OF THE REACH OF CHILDREN.
  - 8. Dangerous to livestock and domestic pets.
  - 9. **DO NOT** contaminate drinking pools, dams, rivers, waterways and other water supplies.
  - 10.Store in the original container and KEEP UNDER LOCK AND KEY.

**EMPTY CONTAINER DISPOSAL**-Invert the empty container over the spray tank or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a minimum of 10% of the container. Add the rinsings to the contents of the spray tank. Dispose of the wash water at a site for the disposal of pesticides. Destroy the empty container by perforation and flattening. Bury away in a designated area or away from water sources. **DO NOT** use for any other purpose. If possible, offer the container for recycling.

**DECONTAMINATION OF SPRAYER**  
Clean applicator thoroughly after use and ensure that all traces of Lambda cyhalothrin 5EC are removed. Make use of the following method:  
(a) Drain and rinse tank, spray boom and hoses with clean water for at least 10 minutes.  
(b) Fill tank with clean water and add to it 1.0 litre household bleach (Sodium Hypochlorite) (5 %) or 1.5 litres of household bleach(3.5 %) per 200 litres of water. Rinse hoses and spray boom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlets.  
(c) Repeat step (b) and thereafter, rinse thoroughly with clean water and dispose of the wash water at a site designated for the disposal of pesticides.

**SYMPTOMS OF POISONING**  
Due to inert, the product is a mild irritant and may cause mild to severe irritation to the skin. Can cause dermatitis through defatting of tissue. May cause skin irritation as well as mild to severe pulmonary injury.

**FIRST AID**  
**Inhalation** : Remove the source of contamination or the victim to fresh air. Keep the patient under observation. If irritation persists, obtain medical attention immediately.  
**Skin Contact** : Remove contaminated clothing, shoes and leather goods. Wash skin gently and thoroughly with clean water and non-abrasive soap. Application of Olive oil to the affected area will afford prompt relief. After the affected area is washed with soap and water, dry off and apply Olive oil. If irritation persists, get medical attention.  
**Eye Contact** : Flush eyes immediately with large amounts of gently flowing clean water, occasionally lifting upper and lower lids until no evidence of chemical remains (approximately 15-to-20 minutes). If irritation persists, obtain medical attention.  
**Ingestion** : **DO NOT induce vomiting. DO NOT** give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with clean water. Obtain medical attention immediately. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus.  
**NOTE TO PHYSICIAN** : Treat symptomatically and supportively.  
**ANTIDOTE** :There is no specific ANTIDOTE available.

**WARRANTY**  
Excellent results should be achieved from the use of this product provided the recommendations contained on this label are followed in full. However, as the application of this product and the conditions under which it is applied are beyond the control of Ayestock Investments (PVT) LTD, no warranties are given with regard to the use of this product. Ayestock Investments (PVT) LTD accepts no liability in delict for any injury to persons or damage to or loss of property, resulting from the handling, use, storage or disposal of this substance.  
**Shelf life:** Two years from date of manufacture if kept in the original unopened container under constant cool and dry conditions.  
**BATCH NO:**  
**DATE OF MANUFACTURE:**

LAMBDA CYHALOTHRIN 5EC INSECTICIDE

Reg. No. 20-D-136-107

Net Contents:

1 Litre



DANGEROUS POISON

Composition Mass/Volume  
Lambda-cyhalothrin .....50 g/l

Chemical group: Synthetic Pyrethroid

A SYNTHETIC PYRETHROID INSECTICIDE FOR THE CONTROL OF RED, SPINY AND HELIOTHIS BOLLWORMS AND OTHER PESTS IN COTTON AS WELL AS CUTWORM IN ALL AGRICULTURAL AND HORTICULTURAL CROPS.

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DIRECTIONS FOR USE: Use only as directed.

**MIXING INSTRUCTIONS**  
Half-fill the spray tank with suitable water. Shake the container thoroughly prior to use. Add the required volume of Lambda Cyhalothrin 5EC and fill the tank while agitating. Maintain agitation during application. Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight. Spraying equipment must be thoroughly flushed out at the end of the spraying operation.  
**APPLICATION METHODS**  
Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application. Constant agitation throughout the spray operation is essential. Only clean water should be used.  
**Ground application**  
The equipment must be fitted with hollow cone nozzles that give medium to fine droplets when using a conventional high volume sprayer. Calibrate the equipment before use and ensure that the correct rate is applied. The spray mixture must be evenly distributed over the target area. Do not spray when plants are wet.

**NOTE: SYNTHETIC PYRETHROIDS SHOULD BE USED AS FOLLOWS:**  
**On Cotton:**  
1) S.E Lowveld : Not before 25th of December and not after the end of February.  
2) Elsewhere : Not before the 1st of February  
3) May not be used on any crop between 1st of June and 31st of August.

CROP	PEST	APPLICATION RATE	REMARKS
Cotton	Red bollworm, Heliothis bollworm, Spiny bollworm, Leaf-eating caterpillars	150-200 ml per hectare. Use 100 to 150 litres of water.	Apply when pests are first recorded.
Coffee	Berry moth Cutworm	150-200 ml per hectare. Use 100 to 150 litres of water.	Apply when pests are first recorded.
Tomatoes	Bollworm Semi looper Fruitworm Thrips Cutworm	100 ml per hectare. Use 100 to 150 litres of water	Apply on seed-bed or transplants when soil is wet or moist. Spray preventatively at fruit stage or when eggs/caterpillars are found. Spray at first sign of bollworm infestation.
Potatoes	Tuber moth larva	120 ml per hectare	Apply in 250-500 l of water/ha depending on the plant size. Start spraying when plants are 1 month old or earlier if an infestation occurs. Repeat at 10-14 day intervals and ridge at least twice during the growing season. For Cutworm control, spray over crop row at emergence. Use 150-200 litres of water per ha.
	Cutworms	150-200 ml per hectare. Use 100 to 150 litres of water	
Maize	African Armyworm Stalk borer	200 ml/ha 100 ml/ha	Apply at the first sight of pests infestation.
	Cutworm	150 ml/ha Use 100 to 150 litres of water	Spray onto moist soil at crop emergence.
Soyabeans	Cutworm	150 ml/ha Use 100 to 150 litres of water	Apply at the first sight of pests infestation. Spray onto moist soil at crop emergence.

**PRE-HARVEST INTERVALS (PHI):**  
Cotton, Soyabeans, Tomatoes, Potatoes:..... 21 days.  
Wheat, Coffee, Citrus, Maize:.....14 days.