Lambda-cyhalothrin

By DoMyOwn staff

OVERVIEW

What is Lambda-Cyhalothrin?



Lambda-Cyhalothrin belongs to a class of insecticides known as synthetic pyrethroids. Synthetic pyrethroids are man-made insecticides created to mimic the chemical properties of the naturally-occurring insecticide pyrethrum, which comes from the crushed petals of the Chrysanthemum flower. Synthetic pyrethroids, like lambda-cyhalothrin, are often preferred to the real thing as an active ingredient because they offer the added bonus of remaining effective for longer periods of time.

How does Lambda-cyhalothrin work?

Lambda-cyhalothrin begins working immediately upon contact or ingestion, resulting in fast insect knock-down and kill. Lambda-cyhalothrin kills by acting as a high-power poison to the insect's central nervous system. Once poisoned, the insect's nerve cells become excited, causing paralysis and eventual death.

What formulations are available?

Lambda-cyhalothrin is manufactured in various formulations (including powders, pellets, and liquids) to control a wide variety of indoor and outdoor pests including ants, cockroaches, spiders, termites, fleas, flies, ticks, silverfish, scorpions, earwigs,bed bugs, wasps, and bees. Lambda-cyhalothrin is also compatible with most other insecticides and fungicides which means that it may be applied alongside other pest control products while still maintaining its potency and effectiveness.



Demand CS Insecticide
$42.40
4.5 (473)

Physical Properties of Lambda-cyhalothrin:

- Colorless to beige solid
- Mild odor
- Low water solubility (ability to be dissolved in water)
- Nonvolatile (will not evaporate at room temperature)

Lambda-cyhalothrin Toxicity

Lambda-cyhalothrin is in EPA Toxicity Class II, where Class I is the most toxic and Class IV is the least toxic. Products containing Class II toxicity must include the signal word "WARNING" on the label. While lambda-cyhalothrin may be potentially harmful to people or pets if swallowed, it poses little threat when used strictly according to the product label. Always read the product label before applying pesticides in your home!

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