

Active Ingredient CYPERMETHRIN

Cypermethrin is used to control insects in agricultural food and non-food crops, commercial and residential structures, and landscapes as well as an equine fly repellent.

Examples of insects cypermethrin is used to control include ants, beetles, bugs, centipedes, cockroaches, crickets, earwigs, firebrats, fleas, flies, gnats, grasshoppers, hornets, millipedes, mites, mosquitoes, moths, pill bugs, psyllids, scale, scorpions, silverfish, sow bugs, spiders, termites, thrips, ticks, wasps, and whitefly. It can be found in many forms including emulsifiable concentrates, wettable powders, pressurized liquid spray (aerosol/fogger), and ultra-low-volume (ULV) liquid formulations.

Potential hazards of cypermethrin:

- ◆ **Highly toxic to fish.**
- ◆ **Very highly toxic to aquatic insects and organisms.**
- ◆ **Very low toxicity to birds.**
- ◆ **Highly toxic to bees and other beneficial insects.**

Water quality issues:

Cypermethrin has an extremely low potential to move through soil, because it binds tightly to soil particles and therefore is not considered a threat for contaminating groundwater. However, cypermethrin can move via surface runoff into lakes, streams, and other bodies of water, poisoning aquatic invertebrates.

Tips for keeping cypermethrin out of water:

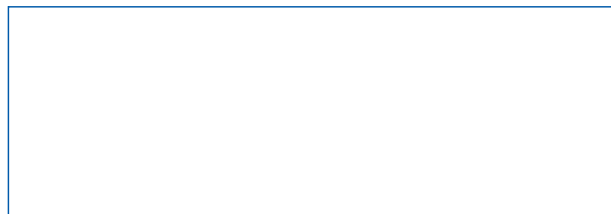
- ◆ **Avoid perimeter sprays on hard surfaces surrounding buildings, especially where water from irrigation or rain can wash the insecticide away.**
- ◆ **Do not apply near a body of water or near places where water drains into the street, gutters, and storm drains.**
- ◆ **Avoid runoff by not overwatering.**
- ◆ **Apply only when needed.**
- ◆ **Avoid application before the rainy season.**

Options to consider when pesticides are recommended:

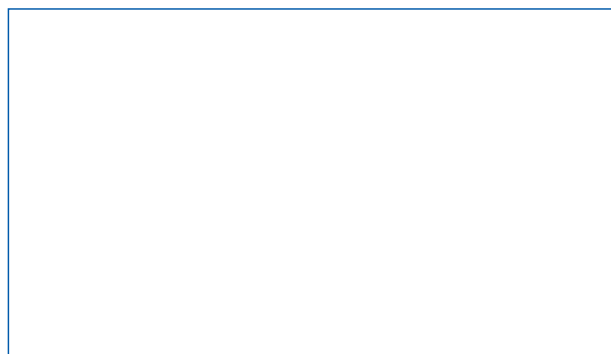
- ◆ **Always select the least toxic product that can solve the problem and consider nonchemical alternatives. Always use pesticides in an integrated pest management program that includes a combination of methods.**
- ◆ **See the UC IPM Web site, www.ipm.ucdavis.edu, for nonchemical or safer chemical control alternatives.**

More about cypermethrin:

- ◆ **Cypermethrin is a synthetic pyrethroid insecticide. It is used to control many insect pests in agricultural settings as well as in urban areas. Cypermethrin also is used to control pests in cracks and crevices.**



Product being applied



Company contact information

For more pesticide and pest management information, visit the University of California IPM Web site at www.ipm.ucdavis.edu or the California Department of Pesticide Regulation Web site at www.cdpr.ca.gov.



The contents of this document do not necessarily reflect the views and policies of the California Department of Pesticide Regulation.