

Onslaught®

MICROENCAPSULATED INSECTICIDE

TECHNICAL BULLETIN

Onslaught® Microencapsulated Insecticide is controlled release technology that provides long-lasting residual control of a broad spectrum of insects.

- Controlled release technology provides longer-lasting residual control
- Onslaught is effective on a broad-spectrum of insects and related pests
- Onslaught is flexible – it may be used indoors and outdoors, in homes and in food and non-food area of commercial structures
- Onslaught may be used in and around livestock facilities, on turf, ornamentals and landscapes
- No odor, easy to use formulation – Caution Label
- Economical to use

Product Specifications

Signal Word	Caution
Packaging	1 pint, 6 bottles per case
EPA Registration Number	1021-1815
Food Handling	For use in food and non-food areas
Stability of Undiluted Product	Stable
Stability of Diluted Product	Do not allow to stand overnight. Agitate thoroughly during mixing and periodically after diluted.
Appearance	Creamy, yellow/ light-brown
Odor	Odorless
Active Ingredients	Esfenvalerate
Flammability	Not classified as flammable or combustible by OSHA
Mode of Action	Sodium channel modulator
Class of Chemistry	Pyrethroid
Respirator Required	Not required
Mix or Dilute in	Water only
Activity	Residual – up to 5 months
Shelf Life	3 years in original commercial packaging



Use Areas

Indoor in Food and Non-Food Areas, such as:

Homes Restaurants Warehouses
 Food processing plants Schools Hotels

Outdoor Perimeter Treatments to areas such as:

Around garbage cans Patios Garages
 Porches Carports Fence lines

In Trees, Lawns, Landscapes and Turf

Use in and around Unoccupied Areas of Livestock Housing and Poultry Premises

Method of Application

- Broadcast surface treatment
- Crack and crevice treatment
- Spot treatment
- Perimeter spray
- Foliar spray treatment
- Tank mix or apply alone
- Injection into wall voids

Always read and follow label and MSDS directions.

To learn more visit www.mgkpro.com,
 call 1-866-MGK-4PRO (1-866-645-4776)
 or send an e-mail to brands@mgk.com.

Best Practices when using Onslaught® Microencapsulated Insecticide

Dilute with Water Only

Onslaught Microencapsulated Insecticide is a microencapsulated suspension concentrate containing 0.54 pounds active ingredient per gallon. The suspension is only intended for dilution in water, not oil.

Test the Surface First

Onslaught Microencapsulated Insecticide may be sprayed on any surface that will not be stained by water. If you are concerned about staining or are not sure if a surface is water safe, test the surface by spraying a small amount in an inconspicuous area before making a broad application.

Mixing Tip

Shake Onslaught bottle well prior to mixing. Clean spray equipment before using or diluting Onslaught. For dilution, add ½ the required water to spray tank, then add the appropriate amount of Onslaught. Agitate the mixture, and then slowly add the remainder of the water. Agitate the spray thoroughly before using and also occasionally during use to ensure dispersion. If you use a spray filter screen, they should be 50 mesh or larger.

Use Onslaught as part of an IPM Program

Tank mix Onslaught with an IGR such as NyGuard® IGR Concentrate to break the insect growth cycle and control future emerging insect populations. Do not apply Onslaught as a fog or space spray. Fog first with a product such as Riptide® Water-Based Pyrethrin ULV to get the quick knockdown action of the fog followed by a surface application of Onslaught for residual control.

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Key Pests Controlled

Ants	Dog Ticks	Psocids
Aphids	Earwigs	Scales
Asian Lady Beetles	Fire Ants	Silverfish
Bed Bugs	Firebrats	Spiders
Beetles	Fleas	Springtails
Boxelder Bugs	Mealy Bugs	Swarming Termites
Carpet Beetles	Midges	Ticks
Centipedes	Millipedes	Waterbugs
Cockroaches	Mites	
Crickets	Pillbugs	

Flying Pests including:	Deer Flies	Horn Flies
Blow Flies	Face Flies	House Flies
Chiggers	Fruit Flies	Mosquitoes
Clothes Moths	Fungus Gnats	Small Flying Moths
Crane Flies	Gnats	Whiteflies

Biting and Stinging Pests:	Deer Ticks	Mosquitoes
Bed Bugs	Dog Ticks	Scorpions
Bees	Fire Ants	Spiders
Biting Flies	Fleas	Ticks
Chiggers	Gnats	Wasps
Deer Flies	Hornets	Yellowjackets
	Lice	

Stored Product Pests including:	Fruit Flies	Rice Weevils
Angoumois Grain Moths	Grain Mites	Rusty Grain Beetles
Ants	Grain Moths	Saw-toothed Grain Beetles
Cadelles	Granary Weevils	Skippers
Cigarette Beetles	Indian Meal Moths	Spider Beetles
Confused Flour Beetles	Lesser Grain Borers	Spider Mites
Dark Mealworms	Maize Weevils	Square-necked Grain Beetles
Dried Fruit Beetles	Meal Moth Larvae	Tobacco Moths
Drugstore Beetles	Mediterranean Flour Moths	Yellow Mealworms
Flat Grain Beetles	Merchant Grain Beetles	
	Red Flour Beetles	

Livestock Premise Pests:	Deer Flies	Horse Flies
Bed Bugs	Face Flies	Lice
Carrion Beetles	Fleas	Litter Beetles
Chiggers	Flies	Mites
Darkling Beetles (lesser mealworm)	Hide Beetles	Mosquitoes
	Horn Flies	Stable Flies

Wood-Destroying Pests including:	Deathwatch Beetles	Round-headed House Borers
Carpenter Ants	Furniture Beetles	Swarming Termites
Carpenter Bees	Old House Borers	
	Powderpost Beetles	

For a complete list of insects controlled, refer to the product label.