

Technical Bulletin



NyGuard® Plus Flea and Tick Premise Spray is a fast-acting, water-based aerosol that combines two modes of action (Groups 3A and 7C) to kill adult fleas, flea larvae and eggs, ticks, and other listed pests. With an insect growth regulator (IGR) that helps break the flea life cycle, NyGuard Plus provides residual control and prevents flea reinfestation for up to 7 months.

Features and Benefits

- System III® compatible
- Neutralizes pet odors, including urine
- Will not stain water-safe surfaces
- No-drip application for controlled treatment

Product Specifications

Key Target Pest(s)	Fleas and ticks, carpet beetles, cockroaches, dust mites, and lice
Signal Word	Caution
Form	Aerosol
Active Ingredient(s)	Sumithrin; Pyriproxyfen; MGK-264
Class of Chemistry	Pyrethroid (3A); Juvenile hormone receptor modulator (7C); Synergist
Activity	Kills by contact; residual
Mode of Action	Sodium channel modulator; Disrupt and prevent metamorphosis; Interference with P-450 mediated detoxification system
Stability	If frozen, thaw and shake before use
Flammability	Contents under pressure
Odor	Slight - Solvent
PPE Requirements	None listed
Retreat Interval	None listed
Mix or Dilute In	Ready to use
Shelf Life	2 years or more in ideal storage conditions



Scan the QR code or visit
mgk.com
to see resources and
additional information.

Use Sites

Indoor Use Only

- Residential homes
- Commercial buildings
- Non-food areas
- Transportation equipment

In Pet Areas

- Pet sleeping quarters
- Pet bedding
- Floor and floor coverings

Application Methods

- Not for use on humans or animals

Packaging

- 17 oz unit (12 per case)



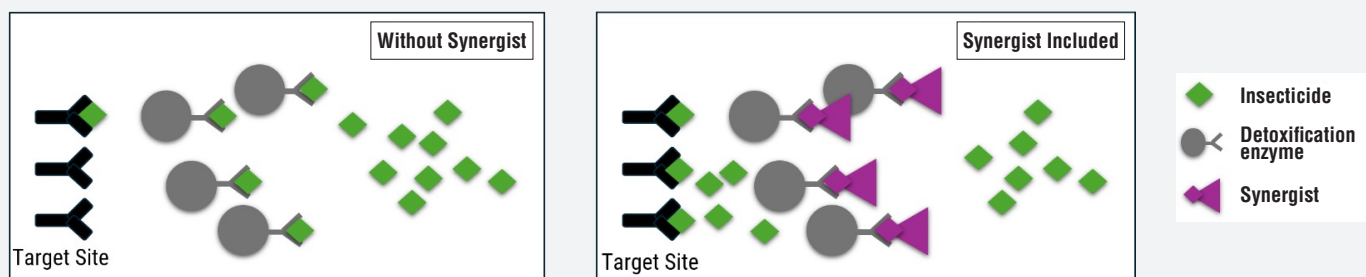
Tips and Tricks from the MGK Technical Services Team

Each active ingredient plays an important role. Understanding the role of each active ingredient can help inform effective application.

- Sumithrin provides contact and residual control.
- Pyriproxyfen is an insect growth regulator that interferes with immature insect development, helping break the flea life cycle.
- MGK 264 is a synergist that helps enhance insecticidal activity.

Prepare surfaces before treatment. For best results, vacuum thoroughly before treating carpets or other surfaces and immediately dispose of the vacuum bag in outside trash. Shake well before use and make a test application in an inconspicuous area. NyGuard Plus will not stain water-safe surfaces.

Synergists Enhance Insecticide Efficacy



For an insecticide to be effective, the active ingredient must reach its target site within the insect. Detoxification enzymes can break down insecticides before they reach that site. MGK-264 acts as a synergist by binding to these enzymes, helping the insecticide reach its target site and work more effectively.

MGK Sustainability in Action

- The product is formulated to be effective using small quantity of product
- Shipping cartons and paper labels are sourced from Sustainably Managed Forests
- Aerosol can, cap and carton are 100% recyclable

Always read and follow all label instructions. For any medical or safety questions, concerns or incident reports, call 1.888.740.8712.

EPA Registration Number: 1021-2580

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