

Technical Bulletin



SHOCKWAVE¹

Flushing, Killing & Residual Aerosol

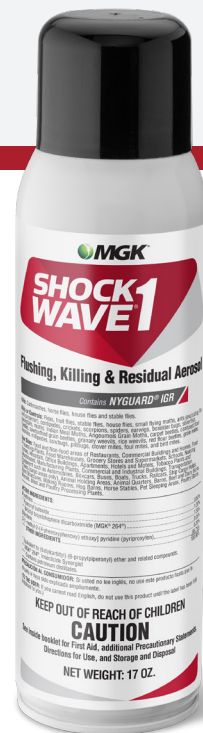
Shockwave[®] 1 Flushing, Killing & Residual Aerosol is formulated with five active ingredients and is designed to flush insects from harborage areas, kill by contact and provide residual control of a variety of crawling and flying insects. This ready-to-use aerosol with food-handling tolerances contains NyGuard[®] IGR, an insect growth regulator that helps target the entire insect population and stop the next generation of insects.

Features and Benefits

- Provides flush, kill and residual control of cockroaches, flies, spiders and other listed insects
- Contains NyGuard IGR for dual modes of action to control immature and adult insects
- Dual-synergized to combat metabolic resistance and increase effectiveness
- Does not drip or leak, even when sprayed upside down

Product Specifications

Key Target Pest(s)	Cockroaches, fruit flies, house flies, stable flies and spiders
Signal Word	Caution
Form	Aerosol
Active Ingredient(s)	Pyrethrins, bifenthrin, pyriproxyfen, Piperonyl butoxide (PBO), MGK-264
Class of Chemistry	Pyrethroid (3A); Juvenile hormone receptor modulator (7C); Dual synergists
Activity	Flushing, insect growth regulator, kills by contact, residual, synergist
Mode of Action	Sodium channel modulator; Disrupt and prevent metamorphosis; Interference with P-450 mediated detoxification system
Stability	Avoid freezing, but if frozen, thaw and shake before use
Flammability	Flammable. Contents under pressure
Odor	Alcohol
PPE Requirements	Long pants, long sleeves, shoes and socks
Retreat Interval	1 day
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/shockwave-1-flushing-killing-residual-aerosol
to see resources and
additional information.

Packaging

- 17 ounce aerosol can (12 per case)

Use Sites

Indoor and Outdoor Areas

- Residential homes
- Commercial buildings
- Food and non-food areas
- Transportation equipment

Livestock Areas

- Livestock housing
- Poultry housing
- Horse barns
- Farm structures

*Apply when animals
are not present*

Application Equipment

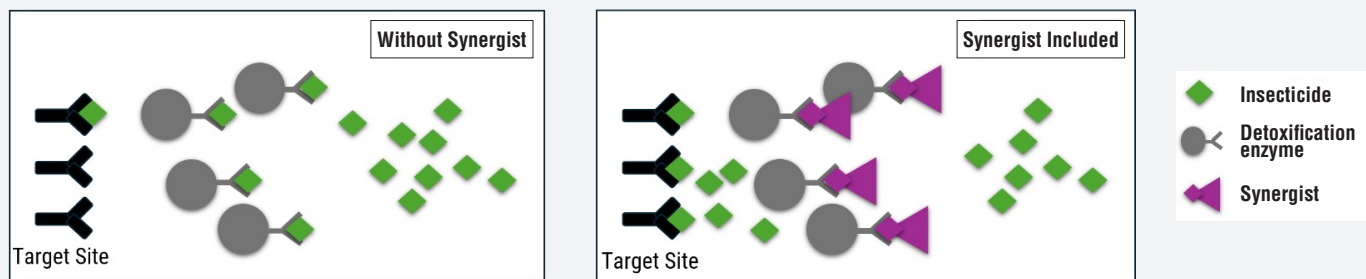
- Fits in standard aerosol devices

Application Methods

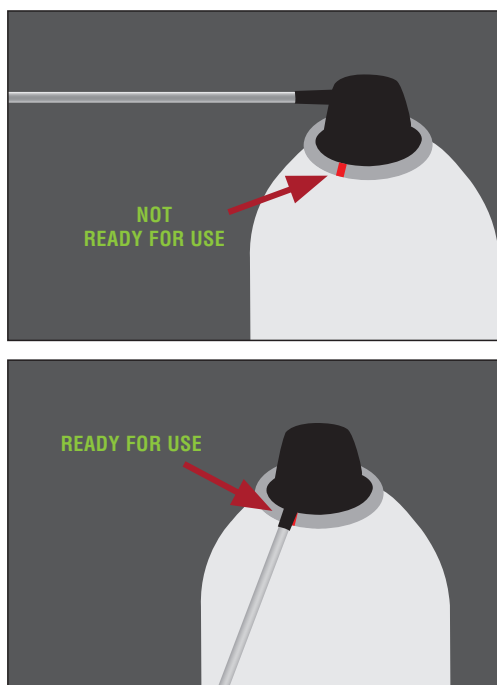
- Spot treatment
- Crack and crevice
- Space spray (indoor)



Synergists Enhance Insecticide Efficacy



To have a lethal effect, the active ingredient in an insecticide needs to reach its target site within the insect. Resistant insects commonly have a heightened defense mechanism, cytochrome P450 enzymes, that attack insecticides. Synergists such as piperonyl butoxide (PBO) and MGK-264 bind to these detoxification enzymes, allowing the insecticide to reach its target site and work more effectively.



Tips and Tricks From the MGK Technical Department

- Shockwave 1 comes with a convenient straw applicator to quickly switch from space spray to crack and crevice applications.
- When applying as a flusher, it's best to apply in short, targeted bursts into harborage areas, allowing insects to emerge. When applying as a residual, apply at the max label rates.
- This product will not stain water safe fabrics and surfaces. However, care should be taken to test in an inconspicuous area and observe for potential staining.
- Make sure that the actuator is lined up in the correct position as shown below.

MGK Sustainability in Action

- The aerosol can, cap, and carton are 100% recyclable.
- Shipping cartons are sourced from Sustainably Managed Forests
- PET lining is BPA-free and can is composed of 20% recycled steel

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: 1021-2804

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