

# SHOCKWAVE®

## FOGGING CONCENTRATE

Shockwave® is unmatched fogging concentrate technology that delivers the highest-level control combined with the benefit of NyGuard® IGR activity. Shockwave provides flushing action and quick knockdown, plus residual activity. Shockwave contains NyGuard IGR that mimics naturally occurring insect growth hormones to interfere with insect growth and development.

### Shockwave contains five active ingredients

- Dual killing agents (Pyrethrum and Esfenvalerate)
- Dual synergized (Piperonyl Butoxide and MGK-264)
- Insect growth regulator (NyGuard® pyriproxyfen)

### Shockwave is the ideal clean-out solution for the toughest situations

- Heavy insect populations
- Hard-to-kill insects



### Product Specifications

<b>Signal Word</b>	Caution
<b>Packaging</b>	Gallons (4 per case)
<b>EPA Registration Number</b>	1021-1810
<b>Food Handling</b>	For use in food areas and non-food areas
<b>Stability of Undiluted Product</b>	Stable
<b>Stability of Diluted Product</b>	Stable in solution. Agitation recommended; not required. If left diluted in tank, make sure to agitate before reuse.
<b>Appearance</b>	Clear to light yellow
<b>Odor</b>	Slight odor of petroleum distillates
<b>Active Ingredients</b>	Pyrethrins, PBO, MGK 264, Esfenvalerate, Pyriproxyfen
<b>Flammability</b>	Combustible liquid
<b>Mode of Action</b>	Sodium channel modulator – disrupts insects' nervous system, insect growth regulator
<b>Class of Chemistry</b>	Pyrethrins, insecticide synergists, IGR
<b>Respirator Required</b>	Required
<b>Mix or Dilute in</b>	Use undiluted or dilute in oil only (refined kerosenes as defined by CFR Title 21, 172.884)
<b>Activity</b>	Contact kill, residual activity, IGR effect
<b>Shelf Life</b>	3 years or more if stored at room temperature

### Use Areas

#### Indoors in Food and Non-food Areas, such as:

- Homes
- Food processing plants
- Restaurants
- Hotels
- Schools
- Warehouses

#### Outdoor Use Around Structures

- Dumpsters
- Garbage cans
- Homes
- Public buildings
- Warehouses

#### Poultry Houses

#### Transportation Equipment

- Ships
- Trains
- Trucks

## Method of Application

- Mechanical foggers (space spray)
- Thermal foggers
- Compressed air sprayers (surface spray)
- Crack and crevice injection devices
- Aerosol generators
- Power sprayers (poultry houses)

## Best Practices when using Shockwave® Fogging Concentrate

### Contains petroleum distillates

Do not treat lawns, turf or plants. Do not treat surfaces that may be stained.

### Dilute with oil

The Shockwave label allows it to be used indoors either diluted or undiluted. Outdoors it can only be used diluted. Dilute Shockwave with refined kerosenes that meet food additive regulations as defined by CFR Title 21, 172.884.

### Ventilate before re-entry

Ventilation is achieved by completely exchanging the air in the room or area 3 times.

### Mixing tip

When mixing, add the concentrate first, then dilute with oil, then agitate. If there is a good agitation in the mixing tank or unit, then the mixing order is not as important.

### In poultry houses

Remove animals prior to treatment. See label for full directions for use in poultry houses.

### Note

Diluted product may look hazy. Keep product agitated as much as possible.

## Key Insects Controlled

### Shockwave is labeled for the control of insects including, but not limited to:

Almond Moths  
Angoumois Grain Moths  
Ants  
Black Flies  
Boxelder Bugs  
Brown Dog Ticks  
Cadelles  
Carpet Beetles  
Carrion Beetles  
Cereal Beetles  
Cheese Mites

### Always read and follow label and SDS directions.

To learn more, visit [www.mgk.com](http://www.mgk.com), call 1-800-645-6466 or send an e-mail to [brands@mgk.com](mailto:brands@mgk.com).

Cheese Skippers  
Chocolate Moths  
Cigarette Beetles  
Clothes Moths  
Clover Mites  
Cockroaches  
Coffee Bean Weevils  
Confused Flour Beetles  
Crickets  
Dark Mealworms  
Darkling Beetles  
Deer Flies  
Dermestid Beetles  
Drain Flies  
Dried Fruit Beetles  
Drugstore Beetles  
Earwigs  
Face Flies  
Firebrats  
Flat Grain Beetles  
Flies  
Flying Moths  
Fruit Flies  
Fungus Gnats  
Gnats  
Grain Mites  
Granary Weevils  
Hide Beetles  
Horn Flies  
Hornets  
Horse Flies  
Indian Meal Moths  
Khapra Beetles  
Lesser Grain Beetles  
Lesser Grain Borers  
Lesser House Flies  
Litter Beetles  
Mediterranean Flour Moths  
Merchant Grain Beetles  
Midges  
Miller Moths  
Millipedes  
Mosquitoes  
Mosquitoes that may carry and transmit West Nile Virus  
Palmetto Bugs  
Pillbugs  
Red Flour Beetles  
Rice Flour Beetles  
Rice Weevils  
Rusty Grain Beetles  
Saw-tooth Grain Beetles  
Silverfish  
Skipper Flies  
Small Flying Moths  
Sowbugs  
Spider Beetles  
Spiders  
Stable Flies  
Ticks  
Ticks that may carry and transmit Lyme disease  
Tobacco Moths  
Warehouse Beetles  
Wasps  
Waterbugs  
Yellow Jackets  
Yellow Mealworms

**SHOCKWAVE®**  
FOGGING CONCENTRATE

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**MGK®**

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