

SHOCKWAVE™

FOGGING CONCENTRATE

TECHNICAL BULLETIN

Shockwave™ is new fogging concentrate technology that delivers the highest-level immediate control combined with the benefit of IGR activity. Shockwave provides flushing action and quick knockdown, plus residual activity. Shockwave contains insect growth regulator similar to the naturally occurring insect growth hormones that 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 (Pyriproxyfen)

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

- Heavy insect populations
- Hard to kill insects



Product Specifications

Signal Word	Caution
Packaging	4 x 1 gallons per case
EPA Registration Number	1021-1810
Food Handling	For use in food areas and non-food areas
Stability of Undiluted Product	Stable
Stability of Diluted Product	Stable in solution. Agitation recommended; not required. If left diluted in tank, make sure to agitate before reuse.
Appearance	Clear to light yellow
Odor	Slight odor of petroleum distillates
Active Ingredients	Pyrethrins, PBO, MGK 264, Esfenvalerate, Pyriproxyfen
Flammability	Combustible liquid
Mode of Action	Sodium channel inhibitor – disrupts insects nervous system, insect growth regulator
Class of Chemistry	Pyrethrins, insecticide synergists, IGR
Respirator Required	Required
Mix or Dilute in	Use undiluted or dilute in oil only (refined kerosenes as defined by CFR Title 21, 172.884)
Activity	Contact kill, residual activity, IGR effect
Shelf Life	3 years or more if stored at room temperature

Use Areas

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

Homes Restaurants Schools
Food processing plants Hotels Warehouses

Outdoor Use Around Structures

Dumpsters Homes Warehouses
Garbage cans Public buildings

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)

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

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8810 Tenth Avenue North, Minneapolis, MN 55427 037-1416/20M-0308