

# JETSTREAM™

Water-Based Contact Insecticide

## TECHNICAL BULLETIN

JetStream™ Water-Based Contact Insecticide is a fogging concentrate that delivers fast acting flushing action, knockdown and kill of insects, without the hassles created by oil-based products. JetStream™ is a 1% Pyrethrum Concentrate, dual synergized with PBO and MGK 264.

- JetStream™ contains a water-based Polymeric Surfactant System that delivers more Pyrethrum per fluid ounce of concentrate than the leading competitive product
- JetStream™ is non-flammable and helpful in situations where oil is a negative factor
- JetStream™ is more flexible than oil-based fogging concentrates



### Product Specifications

Signal Word	Caution
Packaging	4 x 1 gallons per case
EPA Registration Number	1021-1851
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	Yellow – milky white mixture
Odor	Mild sweet odor
Active Ingredients	Pyrethrins, PBO, MGK 264
Flammability	Not classified as flammable or combustible by OSHA
Mode of Action	Sodium channel inhibitor – disrupts insects nervous system
Class of Chemistry	Pyrethrins, insecticide synergists
Respirator Required	None
Mix or Dilute in	Water only
Activity	Flushes insect from hiding, contact kill
Shelf Life	3 years

### Use Areas

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

Homes                      Restaurants                      Schools  
Food processing plants                      Hotels                      Warehouses

#### On Stored Grain

#### In and Around Animal Housing and Related Facilities

Dairy and livestock barns                      Animal areas and quarters                      Poultry houses

#### Transportation Equipment

Ships                      Trains                      Trucks

### Method of Application

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

Always read and follow label directions.

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

## Product Description

**JetStream™ contains a water-based Polymeric Surfactant System that delivers more Pyrethrum per fluid ounce of concentrate than the leading competitive product**

- Oil based BP100 contains 0.066 lbs. Pyrethrum per gallon
- Water-based JetStream contains 0.082 lbs. Pyrethrum per gallon (24% more)

**JetStream™ is helpful in situations where oil is a negative factor**

- Reduce preparation and clean up time
- Use in accounts with VOC reduction initiatives
- Reduce oil inhalation exposure concerns
- Non-flammable — Use in accounts where there is an explosion hazard concern

**JetStream™ is more flexible than oil-based fogging concentrates**

- Readily mixes with water
- Can be used as a surface spray in a “B&G type” sprayer
- Can be easily diluted to achieve 0.5% Pyrethrum concentration for fogging

## Best Practices when using JetStream Water-Based Contact Insecticide

### Balance the pH

The pH of the spray solution should be in the 5.5 to 7.0 range. Outside of this range Pyrethrum degrades, and performance will be reduced.

### Test the Surface First

Some wood and plastic finishes can be stained by insecticide treatments. To be sure, test surface by applying JetStream to an inconspicuous area or surface and evaluate for staining before application.

### Ventilate Before Re-entry

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

### Mixing Tip

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

### Animal Housing

Do not apply spray directly to animals that will be used for milk or meat production. See label for full directions for animal housing applications.

**Always read and follow label directions.**

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call 1-866-MGK-4PRO (1-866-645-4776)  
or send an e-mail to [brands@mgk.com](mailto:brands@mgk.com).

**JETSTREAM™**  
Water-Based Contact Insecticide

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## Key Insects Controlled

**JetStream is labeled for the control of insects including, but not limited to:**

Almond Moths	Drugstore Beetles	Miller Moths
American Black Flour Beetles	Earwigs	Millipedes
Angoumois Grain Moths	Elm Leaf Beetles	Mites
Ants	European Grain Moths	Mosquitoes
Barn Flies	Face Flies	Mushroom Flies
Bean Weevils	Firebrats	Palmetto Bugs
Bed Bugs	Flat Grain Beetles	Pillbugs
Bees	Fleas	Pink Scavenger Caterpillars
Beetles	Flies	Red Flour Beetles
Black Carpet Beetles	Flying Moths	Red Horned Grain Beetles
Black Fungus Beetles	Foreign Grain Beetles	Rice Flour Beetles
Blow Flies	Fruit Flies	Rice Moths
Book Lice	Fungus Beetles	Rusty Grain Beetles
Bottle Flies	Fungus Gnats	Saw-toothed Grain Beetles
Boxelder Bugs	Gnats	Scorpions
Broad-horned Flour Beetles	Grain Mites	Sheep Ticks
Brown Dog Ticks	Granary Weevils	Silverfish
Brown Spider Beetles	Grasshoppers	Skipper Flies
Cadelles	Ground Beetles	Slender-horned Flour Beetles
Carpet Beetles	Hairy Fungus Beetles	Small Flying Moths
Centipedes	Hairy Spider Beetles	Small-eyed Flour Beetles
Cereal Beetles	Hide Beetles	Sowbugs
Cheese Mites	Horn Flies	Spider Beetles
Cheese Skippers	Hornets	Spiders
Chocolate Moths	House Flies	Spinous Ear Ticks
Cigarette Beetles	Indian Meal Moths	Square-necked Grain Beetles
Clothes Moths	Khapra Beetles	Stable Flies
Clover Mites	Large Black Flour Beetles	Tobacco Moths
Cluster Flies	Larger Grain Borers	Trogoderma Beetles
Cockroaches	Lesser Grain Borers	Two Banded Beetles
Cocoa Bean Moths	Lesser House Flies	Vinegar Flies
Coffee Bean Weevils	Lesser Mealworms	Warehouse Beetles
Confused Flour Beetles	Longheaded Flour Beetles	Wasps
Corn Sap Beetles	Maize Weevils	Waterbugs
Crickets	Meal Worms	Webbing Clothes Moths
Dark Mealworms	Mediterranean Flour Moths	Weevils
Darkling Beetles	Merchant Grain Beetles	White Marked Spider Beetles
Depressed Flour Beetles	Mexican Grain Beetles	Yellow Jackets
Dermestid Beetles	Midges	Yellow Mealworms
Drain Flies		
Dried Fruit Beetles		