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

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

### 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
  - Garbage cans
  - 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)

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.
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
- Caddisflies
- Carpet Beetles
- Carrion Beetles
- Cereal Beetles
- Cheese Mites
- 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
- Fleas
- 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 Borer
- 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-toothed Grain Beetles
- Silverfish
- Skipper Flies
- Small Flying Moths
- Sawbugs
- Spider Beetles
- Spiders
- Stable Flies
- Ticks
- Ticks that may carry and transmit Lyme disease
- Tobacco Moths
- Warehouse Beetles
- Wasps
- Waterbugs
- Yellow Jackets
- Yellow Mealworms

Always read and follow label directions.

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