**SHOCKWAVE™ FOGGING CONCENTRATE**

- For use indoors and outdoors as a ULV, space, area, contact spray or thermal fog for listed insects in areas specified on the label.
- Contains insect growth regulator similar to the naturally occurring insect growth hormones that interfere with insect growth and development.
- For use in and around the home and food and non-food areas of food processing plants and food service establishments.
- Provides flushing action and quick knockdown plus residual activity.

**ACTIVE INGREDIENTS:**

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyrethrins</td>
<td>1.00%</td>
</tr>
<tr>
<td>Piperonyl butoxide, Technical</td>
<td>2.00%</td>
</tr>
<tr>
<td>N-butylic bicycloheptene dicarboximide</td>
<td>3.00%</td>
</tr>
<tr>
<td>Esfenvalerate (CAS #66230-04-4)</td>
<td>0.20%</td>
</tr>
<tr>
<td>2-(1-methyl-2-(4-phenoxypyphenyl) ethoxy) pyridine</td>
<td>0.10%</td>
</tr>
</tbody>
</table>

**OTHER INGREDIENTS:** 95.70%

* Equivalent to 1.6% (butylicarbaryl) (6-propylpiperonyl) ether and 0.4% related compounds.

**MGK® 284, Insecticide Synergist**

**Contains petroleum distillate**

SHOCKWAVE™ is a trademark, PREMIUM PYRETHRUM® and MGK® are registered trademarks of McLaughlin Gormley King Company.

**KEEP OUT OF REACH OF CHILDREN CAUTION**

**FIRST AID**

**IF SWALLOWED:** Immediately call a poison control center or doctor. Do not give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN:** This product contains petroleum distillate and may pose an aspiration pneumonitis hazard. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

**PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear a pesticide respirator jointly approved by the Mine Enforcement and Safety Administration and the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Avoid contamination of food or feedstuffs. Remove pets, birds, and cover fish aquariums before spraying.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and other wildlife. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not store near heat or open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. See booklet for directions for use.

**SEE BOOKLET FOR DIRECTIONS FOR USE**

Manufactured by:

MGK

8810 Tenth Avenue North • Minneapolis, MN 55427
EPA Reg. No. 1021-1810
EPA Est. No. 1021-MN-2
63416-MN-1, 70815-GA-1

Superscript is the first character of the lot number.

**NET CONTENTS: 1.0 GALLON**
FIRST AID

IF SWALLOWED:
• Immediately call a poison control center or doctor.
• Do not give any liquid to the person.
• Do not induce vomiting unless told to do so by a poison control center or a doctor.
• Do not give anything by mouth to an unconscious person.

IF IN EYES:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
• Call a poison control center for treatment advice.

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: This product contains petroleum distillate and may pose an aspiration pneumonitis hazard.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-746-9712.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear a particle respirator particle approved by the Mine Enforcement and Safety Administration and the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Avoid contamination of food or feedstuffs. Remove pets, birds, and cover fish aquaria before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other wildlife. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Do not store near heat or open flame.

PHYSICAL OR CHEMICAL HAZARDS

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ALL DIRECTIONS COMPLETELY BEFORE USE.

In Hospitals: Patients should be removed from room prior to treatment. Rooms should be ventilated for two hours after spraying. Do not return patients to room until after ventilation.

Do not use in nurseries or rooms where infants, ill, or aged persons are present.

GENERAL: SHOCKWAVE™ Fogging Concentrate is designed for use undiluted in mechanical sprayers, which gives particles of aerosol size. It can be diluted with refined kerosene, which meet Food Additive Regulation as defined by CFR Title 21, 172.864, and applied in fogging equipment that give larger than aerosol particle size. It can also be diluted with the oil specified above and applied as a contact spray to kill crawling insects shown later on this label.

Do not apply directly to food. Do not allow spray to contact stored food or food contact surfaces. Do not apply as a space spray while food processing is underway. Cover or wash all food processing surfaces and equipment with an effective cleaning compound followed by a potable water rinse. In the home, cover all food processing surfaces, dishes and utensils before treatments or thoroughly wash before use following treatment.
INDOOR AREAS for use in and around:

Animal Areas & Quarters
Animal Control Centers
Animal Shelters
Apartments
Arcades
Auditoriums
Bakeries
Bars
Basements
Bathrooms
Beverage Plants
Boats
Bottling Plants
Breweries
Brewery Warehouses
Buildings
Buses
Cabins
Cabinets
Cafeterias
Campers
Canneries
Churches
City Missions
Circus Tents
Closets
Club Houses
Commercial Buildings
Communication Centers
Condominiums
Concession Stands
Court Houses
Crawlspace
Crematoriums

FOR THE CONTROL OF INSECTS including, but not limited to:

Almond Moths
Ampoulaea Grain Moths
Arts
Blast Egg Flies
Boxelder Bugs
Brown Dog Ticks
Caddies
Carpet Beetles
Carrion Beetles
Cereal Beetles
Cheese Mites
Cheese Skippers
Chocolate Moths
Cigarette Beetles
Clothes Moths
Clove Mites
Coelocethus
Coffee Bean Weevils
Confused Flour Beetles
Crickets
Dark Mealworms
Dandelion Beetles
Dear Flies
dermestid beetles
Drain Flies
Dried Fruit Beetles
Drugstore Beetles
Earwigs
Face Flies
Firebrats
Flat Grain Beetles
Flies
Flying Flies
Fungus Gnats by notification
Grains
Grain Mites
Grenary Weevils

Institutional Dining Areas
Institutions
Jails
Kennels
Laboratories
Laundromats
Lavatories
Libraries
Liquor Stores
Locker Rooms
Marinas
Mausoleums
Meat Packing Plants
Mass Halls
Mini-Storages
Mobile Canteens
Mobile Homes
Morgues
Mortuaries
Motels
Movie Theaters
Museums
Nursing Homes
Office Buildings
Other Public Buildings
Parking Garages
Pavilions
Poultry Houses
Prisons
Public Storages
Railroad Cars
Recreational Vehicles
Research Animal Quarantine Areas
Restaurants
Retail Stores

Rice Mills
Schools
Ships
Ship Stores
Smoke Shops
Sports Stadiums
Stables
Storage Bins (areas)
Stored Food in Multi-walled Paper or Cloth Bags
Stores
Supermarkets
Taverns
Textile Mills & Warehouses
Theaters
Tobacco Factories
Tobacco Warehouses
Tool Sheds
Trains
Transportation Equipment
Trucks
Truck Trailers
Tunnels
Utilities
Utility Rooms
Vending Machines
Veterinary Hospitals
Wall & Equipment Voids
Warehouses
Washrooms
Wholesale Stores
Wine Cellars
Wineries
Zoos

(contd)
FOR THE CONTROL OF INSECTS including, but not limited to: (continued)

- Mites
- Millers 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
- Skippers

FOR INDOOR USES

FOR APPLICATIONS ONLY IN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS

A food handling establishment is an area or place other than a private residence in which food is held, processed, prepared and/or served.

Do not apply while the food area is in operation.

Remove or cover exposed food and food handling surfaces.

Do not allow spray to contact stored food.

Close room and shut off all air conditioning or ventilating equipment.

Do not allow adults, children, or pets to enter the treated area at least 15 minutes, until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Only protected handlers may be in the area during application.

Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

Remove or cover exposed food and drinking water before application.

Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.

Do not apply more than 1 time per day.

As Undiluted Space Spray Application:

For application in food areas of food handling establishments:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>To kill exposed accessible stages of: Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Reas, Gnats, Wasps, Honeys, Cover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants and the following common Stored Product Pests: Granary Weevils, Rice Weevils, Confused Hour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Meal Worms, Grain Mites, Cuckkles and Red Flour Beetles</td>
<td>Apply at the rate of 0.5 fluid ounce undiluted SHOCKWAVE™ Fogging Concentrate per 1,000 cubic feet of space (0.52 ml/m³).</td>
<td>Direct spray toward upper corners of room and ceiling. Leave room closed for 1/2 hour and ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating under Federally inspected facilities.</td>
</tr>
</tbody>
</table>

To kill: Cockroaches, Silverfish, Earwigs, Ants, Spiders | Apply at the rate of 0.5 fluid ounce undiluted SHOCKWAVE™ Fogging Concentrate per 1,000 cubic feet of space (0.52 ml/m³) of space. | Direct the spray first into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harbor-age areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Then treat as a space spray. Vacate treated area and leave the room closed for 1/2 hour. Ventilate thoroughly before re-entry. |

NOTE: If there is a need to treat such areas as conduits, motor housings, junction and switch boxes or other electrical equipment, turn off electrical equipment prior to application. After application, allow time for oil to dissipate before starting motors or placing switches in the "ON" position.
For application in treatment of stored food areas: For areas with foods stored in multi-walled bags, cloth bags or other packaging stored in such areas as listed for the control of accessible adult stages:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almond Moths, Angoumois Grain Moths, Arts, Caddisflies, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused flour beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean flour Moths, Mosquitoes, Red flour beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetle and other listed pests.</td>
<td>Dispense first by directing spray into cracks and crevices, corners, pallets and around stacks of packaged goods hitting as many insects as possible and then apply as a space spray at a dosage of 1.5 fluid ounces per 1,000 cubic feet (1.6 m³/m³) of room space.</td>
<td>Repeat application as necessary for insect control. Do not remain in treated area and ventilate before re-entry.</td>
</tr>
</tbody>
</table>

For application in other stored food and tobacco facilities: As a space treatment around bags or other packaging and pallets containing stored peanuts, nuts, beans (including cocoa), seeds, copra, and tobacco. Do not apply directly to any exposed foodstuff or exposed tobacco.

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>For the control of accessible stages of, Almond Moths, Angoumois Grain Moths, Arts, Caddisflies, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused flour beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean flour Moths, Mosquitoes, Red flour beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetle and other listed pests.</td>
<td>Apply as a space spray at the rate of 1.5 fluid ounces per 1,000 cubic feet (1.6 m³/m³) of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.</td>
<td>Apply to the surface of stored or bagged products. Also spray walls, floors and other surfaces, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places.</td>
</tr>
</tbody>
</table>

To kill Cockroaches

<table>
<thead>
<tr>
<th>Application Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using an appropriate ULV spraying device, inject the aerosol spray directly into cracks and crevices.</td>
</tr>
<tr>
<td>Spray directly into cracks and crevices to completely fill walls, equipment, and other small structural void areas. Leave room ventilation or air conditioning equipment on during application. Except in hospitals, as noted above, the room can be reentered immediately after applications are complete.</td>
</tr>
</tbody>
</table>
**As Diluted Space Spray Application:**

For application in food areas of food handling establishments:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| To control accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Meal Moths, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fun House Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Fly Moths, Sowbugs, Spider Beetles, Yellow Meal Moths, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils and Khapra Beetles. | Dilute SHOCKWAVE™ Fogging Concentrate with a white mineral oil conforming to Regulation 21 CFR 121.1800(b) or an odorless light petroleum hydrocarbon conforming to 121.1802 at the rate of 1% (one part concentrate to 9 (nine) parts oil and mix well. Apply at the rate of 0.5 fluid ounces per 1,000 cubic feet (0.6 m³/m³) of space, filling the room with mist. Use in mechanical fogging, thermal fogging or spraying equipment. Close room and shut off all air conditioning or ventilating equipment. | Remove or cover exposed food and cover food handling surfaces in edible product areas of food handling establishments. Food contact surfaces should be thoroughly washed with an effective cleaning compound and rinsed with potable water after use of the product. Do not apply directly to food. Do not allow spray to contact stored food or food contact surfaces.
Do not apply as a space spray while food processing is underway. Cover or wash all food processing surfaces and equipment with an effective cleaning compound followed by a potable water rinse. In the home, cover all food processing surfaces, dishes and utensils before treatments or thoroughly wash before use following treatment. Vacate treated area and ventilate before re-entry. |

Treatment of Areas Containing Stored Dried Fruit Products: For areas with foods stored in multi-walled bags, cloth bags or other packaging stored in such areas as listed for the control of accessible adult stages:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>For control of Confused Flour Beetles, Dried Fruit Beetles, Indian Meal Moths, And Saw-Toothed Grain Beetles</td>
<td>Dilute concentrate with all at the rate of 1 part SHOCKWAVE™ Fogging Concentrate plus 29 parts oil or 4.5 fluid ounces per gallon (98 mL/L) and mix well. Disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use 0.5 fluid ounce per 1,000 cubic feet (0.6 m³/m³) of space.</td>
<td>Remove and destroy infested products. Repeat application at this dosage in any given month. Leave the room closed for one hour. Do not remain in treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.</td>
</tr>
</tbody>
</table>

Other stored food and tobacco facilities: For areas with foods or tobacco stored in multi-wall bags or cloth bags in flour mills, grain elevators, granaries, storage rooms, warehouses:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>For control of Angoumois Grain Moths, Cadelles, Cheese Mites, Cheese Skippers, Cigarette Beetles, Confused Flour Beetles, Dark Meal Moths, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Yellow Meal Worms</td>
<td>Dilute concentrate with all at the rate of 1 part SHOCKWAVE™ Fogging Concentrate plus 29 parts oil or 4.5 fluid ounces per gallon (98 mL/L) and mix well. Disperse this product first by directing spray into corners, under pallets, and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of 0.3 fluid ounce per 1,000 cubic feet (0.52 ml/m³) of space.</td>
<td>Remove and destroy infested products. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.</td>
</tr>
</tbody>
</table>
For federally inspected meat and poultry plants:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>For control of exposed or accessible stages of ants, earwigs, flies, fruit flies, gnats, mosquitoes, silverfish, small flying moths, spiders and waterbugs.</td>
<td>Dilute one part SHOCKWAVE™ Fogging Concentrate with 5 parts of a suitable oil. Using a power or proportioner-type sprayer, apply a uniform spray at pressures of 60-100 pounds per square inch to walls, posts, cage framing (birds grown in cages only). Application should also be made into cracks and crevices in and around insulation. One gallon of diluted spray covers 1,000 sq. ft (40 m²).</td>
<td>Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Before spraying, exposed food products and packaging materials must be covered or removed. After spraying, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water prior to use. Use as a space or general surface spray only when plant is not in operation. Do not apply directly to food. Do not allow spray to contact stored food or food contact surfaces. Do not apply as a space spray while food processing is underway. Cover or wash all food processing surfaces and equipment with an effective cleaning compound followed by a potable water rinse. In the home, cover all food processing surfaces, dishes and utensils before treatments or thoroughly wash before use following treatment.</td>
</tr>
</tbody>
</table>

To kill litter beetles (Such as Darking, Hide, and Carrion Beetles):

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>To kill litter beetles (Such as Darking, Hide, and Carrion Beetles)</td>
<td>Dilute 1 part SHOCKWAVE™ Fogging Concentrate with 5 parts of a suitable oil. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Before spraying, exposed food products and packaging materials must be covered or removed. After spraying, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water prior to use. Use as a space or general surface spray only when plant is not in operation. Do not apply directly to food. Do not allow spray to contact stored food or food contact surfaces. Do not apply as a space spray while food processing is underway. Cover or wash all food processing surfaces and equipment with an effective cleaning compound followed by a potable water rinse. In the home, cover all food processing surfaces, dishes and utensils before treatments or thoroughly wash before use following treatment.</td>
<td>SHOCKWAVE™ Fogging Concentrate can be applied to litter, such as poultry houses infested with litter beetles. Remove animals prior to treatment. Treat surfaces after animals are removed. Treat walls and floors and all areas where beetles frequently occur. Do not contaminate food/feed or water. Reapply after each growout or sanitation procedure. Indoor control can be enhanced by making perimeter treatments around the outside of building foundations to prevent immigrating adult beetles. Apply SHOCKWAVE™ Fogging Concentrate in a uniform band at least 1 foot up (0.3 m) and 1-4 feet (0.3-1.2 m) out from foundation. Maintaining a year-round treatment program will prevent background populations from reaching problem levels.</td>
</tr>
</tbody>
</table>

For applications in zoos:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>To kill flies, gnats, mosquitoes, small flying moths</td>
<td>As a space spray diluted for use in conventional mechanical fogging equipment, dilute 1 part SHOCKWAVE™ Fogging Concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at a rate of 2 fluid ounces per 1,000 cubic feet (2.05 m³) of space above the animal.</td>
<td>Direct spray towards the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs. Do not contaminate animal foods, feeds or water by application or drift.</td>
</tr>
</tbody>
</table>
**FOR APPLICATIONS IN RESIDENTIAL / COMMERCIAL SETTINGS, INCLUDING NON-FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS**

A food handling establishment is an area or place other than a private residence in which food is held, processed, prepared, and/or served. Non-food areas of food handling establishments include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

Applications within residential and non-residential buildings include homes, apartment buildings, kennels, and non-food areas of industrial and commercial buildings such as hospitals, hotels, warehouses, truck trailers, railroad cars, theatres, office buildings, schools, and other sites as listed.

Do not apply this product as a space spray in any residential or commercial settings, as listed above. Space sprays are ONLY allowed in food areas of food handling establishments.

Do not allow adults, children, or pets to enter the treated area at least 15 minutes, until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

**As Diluted Surface Spray Application:**

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>To control accessible stages of: Ants, Drugstore Beetles, Earwigs, Cockroaches, Silverfish, Beetles, Bedbug Bugs, Clover Mites, Crickets and other listed insects</td>
<td>Dilute in a range of 1 part SHOCKWAVE™ Fogging Concentrate plus 2.25 parts suitable diluent to 1 part concentrate plus 28 parts suitable diluent, mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture per 750 square feet (54 ml/m²) of surface.</td>
<td>May be used only when the facility is not in operation provided exposed food is covered or removed from the area being treated prior to application. To ensure maximum control of listed crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors and other surfaces, storage and handling areas. Particular attention should be paid to areas where moisture collects such as drains, sinks and water pipes, around the base of heavy machinery and equipment contacting as many insects as possible. For ants: spray directly into nests, along trails, and directly on all ants observed.</td>
</tr>
</tbody>
</table>

For applications in transit protection: truck beds, boxcars, ships holds, and other listed transit equipment before loading.

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>To control accessible stages of listed insects</td>
<td>Dilute concentrate with oil in a range of 1 part SHOCKWAVE™ Fogging Concentrate plus 2.25 parts oil to 1 part concentrate plus 28 parts oil and mix well. Apply diluted spray at the rate of 1 gallon per 1,000 square feet (40 ml/m²).</td>
<td>Spray thoroughly on walls and floors. Spray each layer of cartons or containers lightly as stacked.</td>
</tr>
</tbody>
</table>
FOR OUTDOOR USES:

Do not water the treated area to the point of run-off.
Do not make applications during the rain.
Do not allow adults, children, or pets to enter the treated area for at least 15 minutes, until sprays have dried.
Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
Only protected handlers may be in the area during application.
Do not apply to any fruit or nut bearing trees, shrubs, vines, or plants.
Do not apply this as a spray or broadcast application to turf other than small spot treatments around structures.
Do not use this product for area-wide mosquito adulticiding applications.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
(1) Treatment to soil or non-food bearing vegetation around structures;
(2) Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

As Diluted Surface Spray Application:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Application Rates</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>To control ants, cockroaches, crickets, flies and other flying insects, mosquitoes, sowbugs, spiders, and ticks.</td>
<td>Dilute concentrate in a range of 1 part SHOCK/WAVE™ Fogging Concentrate plus 2.25 parts oil to 1 part concentrate plus 29 parts oil and mix well. Use at the rate of 1 gallon diluted spray per 1000 square feet (40 m²).</td>
<td>To treat trash containers, dumpters, and outside surfaces of buildings and other surfaces where these pests have been seen or found. Do not treat surfaces that may be stained.</td>
</tr>
</tbody>
</table>

NOTE: When using oil as the diluent, an odorless light petroleum hydrocarbon as defined by CFR Title 21, 172.884 should be used for all food area and food related applications. Additionally, when diluted and used according to label directions, this spray will meet specifications for use under USDA meat, poultry, small egg grading, and egg products inspection programs.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry.)

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill.

Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¾ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.
SHOCKWAVE™

FOGGING CONCENTRATE

- For use indoors and outdoors as a ULV, space, area, contact spray or thermal fog for listed insects in areas specified on the label.
- Contains insect growth regulator similar to the naturally occurring insect growth hormones that interfere with insect growth and development.
- For use in and around the home and food and non-food areas of food processing plants and food service establishments.
- Provides flushing action and quick knockdown plus residual activity.

ACTIVE INGREDIENTS:
- Pyrethrins .............................................................. 1.00%
  * Piperonyl butoxide, Technical .................................. 2.00%
  ** N-Octyl bicycloheptene dicarboximide ........................ 3.00%
  Esfenvalerate (CAS #66230-04-4) ................................ 0.20%
  2-[(1-methyl-2-(4-phenoxyphenoxy) ethoxy) pyridine ..................... 0.10%
  *** OTHER INGREDIENTS ..................................... 93.70%
  ........................................................................... 100.00%

* Equivalent to 1.6% (butylocarbaryl) (6-propylnpiperonyl) ether and 0.4% related compounds.
** MGK® 264, Insecticide Synergist
*** Contains petroleum distillate

SHOCKWAVE™ is a trademark, PREMIUM PYRETHRUM® and MGK® are registered trademarks of McLaughlin Gormley King Company.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BOOKLET FOR FIRST AID, PRECAUTIONARY STATEMENTS, AND DIRECTIONS FOR USE

NET CONTENTS: 1.0 GALLON

Manufactured by:
8810 Tenth Avenue North • Minneapolis, MN 55427