**Kills Stored Product Pests**

**Kills Cockroaches**

**Kills Flying Insects**

**Kills Crawling Insects**

**Kills Mosquitoes**

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### ACTIVE INGREDIENT:

- **Pyrethrins** .......................................................... 5.00%
- **Piperonyl butoxide, Technical** ........................................ 25.00%

### OTHER INGREDIENTS .................................................. 70.00%

*Equivalent to 20.00% (butylcarbityl) (6-propylpiperonyl) ether and 05.00% related compounds.

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**KEEP OUT OF REACH OF CHILDREN**

CAUTION

See reverse for first aid and precautionary statements.

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**INDOOR AREAS for use in and around:**

- Concession Stands
- Court Houses
- Crematoriums
- Dairy and Livestock Barns
- Day Care Centers
- Delicatessens
- Department Stores
- Diners
- Dog Houses
- Storage or Processing Areas that contain Dried Fruit Products
- Drug Stores
- Dumpsters
- Dwellings
- Egg Processing Plants
- Factories
- Freight Containers
- Fruit Packing Sheds
- Funeral Parlors
- Garbage Bins
- Garbage Cans
- Garbage Compactors
- Garbage Trucks
- Gas Stations
- Grain Elevators
- Grain Harvesting and Handling Equipment
- Garages
- Grain Mills
- Granaries
- Grocery Stores
- Homes
- Horse Stables and Barns
- Horse Trailers
- Hospitals
- Hotels
- Indoor Eating Establishments
- Industrial Installations
- Institution Dining Areas
- Institutions
- Jails
- Kennels
- Laboratories
- Laundromats
- Libraries
- Liquor Stores
- Livestock Barns
- Livestock Hauling Equipment
- Loafting Sheds
- Locker Rooms
- Marinads
- Meat Packaging Plants
- Mills
- Mausoleums
- Mess Halls
- Mini-Storage Mobile Canteens
- Mobile Homes
- Morgues
- Mortuaries
- Motels
- Movie Theaters
- Museums
- Mushrooms
- Processing Areas
- Nursing Homes
- Office Buildings
- Other Public Buildings
- Parking Garages
- Passenger Railroad Cars
- Peanut Warehouses
- Pool Halls
- Poultry Houses
- Poultry Plants
- Pounds
- Prisons
- Public Storage Rabbit Processing Plants
- Railroad Cars
- Recreational Vehicles
- Research Animal Quarters
- Restaurants
- Retail Stores
- Rice Mills
- Schools
- Ships
- Ship Holds
- Smoke Shops
- Sports Stadiums Stables
- Storage Bins (areas)
- Storage Areas for food in multi-walled paper or cloth bags
- Stores
- Supermarkets
- Swine Houses
- Taverns
- Textile Mills and Warehouses
- Theaters
- Tobacco Factories
- Tobacco Warehouses
- Tool Sheds
- Trains
- Transportation Equipment
- Trucks
- Truck Trailers
- Tunnels
- Utilities
- Utility Rooms
- False Ceilings
- Vending Machines
- Veterinary Hospitals
- Wall Equipment Voids
- Warehouses
- Washrooms
- Wholesale Stores
- Wine Cellars
- Wineries
- Zoos

**OUTDOOR AREAS for use in and around:**

- Alleys
- Amphitheaters
- Amusement Parks
- Athletic Fields (baseball, football, soccer)
- Back Yards
- Balconies
- Baseball Fields
- Beaches
- Bleachers
- Bridges
- Carwashes
- Campgrounds
- Circuses
- Construction Sites
- Corrals
- Courtyards
- Curbs
- Drive-Ins
- Restaurants
- Drive-In Theaters
- Dumpster
- Fair Grounds
- Feedlots
- Front Yards
- Game Fields
- Garbage Dumps
- Gazebos
- Golf Courses
- Grandstands
- Junk Yards
- Game Fields
- Kennels
- Levees
- Manure Piles
- Marinas
- Outdoor Eating Establishments
- Parks
- Parking Lots
- Patios
- Playgrounds
- Ranges
- Recreation Areas
- Rest Areas
- Roadides
- Roof tops
- Sanitary Sewers (Manholes)
- Side Yards
- Side Walks
- Stadiums
- Tennis Courts
- Truck Stops
- Underpasses
- Utility Room
- Outdoor
- Weigh Stations
- Wild Animal Parks
- Wood Piles
- Zoos

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**FOR USE ON:**

- Beefalo
- Birds
- Buffalo
- Calves
- Cattle–beef, milking
- Chickens
- Donkeys
- Ducks
- Emus
- Exotics such as European Red Deer
- Geese
- Horses
- Lambs
- Llamas
- Mules
- Ostriches
- Oxen
- Pheasants
- Pigs
- Ponies
- Pulets
- Quail
- Raittes
- Roosters
- Sheep
- Swine
- Turkeys
DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Avoid contamination of food or feedstuffs. Remove pets and birds and cover fish aquariums before spraying. Avoid exposing reptiles to this product.

Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse. After spraying in bakeries, meat processing, and meat and poultry processing areas, close room and shut off all air conditioning or ventilating equipment. Dilute at the rate of 1 part concentrate into 10 parts water and mix well. Apply at the rate of 1 fluid ounce per 1,000 cubic feet of space, filling the room with mist. Vacate treated area and ventilate before re-entry.

INDOOR USE—DILUTED

ULV AND SPACE SPRAY: Use in aerosol generators to kill exposed accessible stages of: Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Mediterranean Flour Moths, Hidden and Red Flour Beetles, Rice Weevils, Saw-toothed 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 and Khapra Beetles. Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose. As noted above, first dispose 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 fluid ounce per 1,000 cubic feet of room space. Vacate treated area and ventilate before re-entry.

ON PEANUTS, NUTS (ALMONDS AND WALNUTS), BEANS (INCLUDING COCOA), SEEDS (BIRDSEED MIXTURES, COTTONSEED AND FLAXSEED) AND COPRA IN BULK, BAGS OR OTHER PACKAGING: For the control of 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 Mealworms, Drugstore Beetles, Earwigs, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Red Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed 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, and Khapra Beetles. Remove or cover exposed food and cover food-handling surfaces in edible product areas of food handling establishments. Close room and shut off all air conditioning or ventilating equipment. Dilute at the rate of 1 part concentrate into 10 parts water and mix well. Apply at the rate of 1 fluid ounce per 1,000 cubic feet of space, filling the room with mist. Vacate treated area and ventilate before re-entry.
CONCENTRATE with 25 parts water, followed by spraying the birds with a fine mist. Sucking Lice on beef and dairy cattle and other listed animals, apply the spray to thoroughly wet the 2 fluid ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment monthly intervals with the first appearance of infestation. In severe infestations of flying moths, break up webbing with a rake before spraying and make a second application in two weeks. Apply diluted spray as a fine mist in the air above the animals. This concentrate may also be diluted with water at the rate of 1 part concentrate to 25 parts water, followed by spraying the birds with a fine mist.

FOOD STORAGE AREAS containing multi-walled bags, cloth bags and other packaging in warehouses, storage rooms, flour mills, grain elevators, granaries and other listed areas for the control of: Angoumois Grain Moths, Cadelles, Confused Flour Beetles, Indian Meal Moths, Mediterranean Flour Moths, Rice Weevils, Saw-toothed Grain Beetles, Yellow Mealworms, Cheese Mites, Cheese Skippers, Cigarette Beetles, Grain Mites, Granary Weevils, Dark Mealworms and Red Flour Beetles. Remove and destroy infested products. Apply diluted spray as a fine mist 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 at a rate of 1-2 fluid ounces per 1,000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill exposed stages of those stored product pests listed. Sweep up and destroy fallen insects.

FOR USE ON ANIMALS: To protect beef and dairy cattle and horses from Horn Flies, House Flies, Mosquitoes and Gnats, dilute 1 part concentrate with 49 parts water, mix well and apply a light mist sufficient to wet the tips of the hairs. To control Stable Flies, Horse Flies and Deer Flies on animals apply 2 fluid ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to control continued infestation. To control the motile stages of Blood Sucking Lice on beef and dairy cattle and other listed animals, apply the spray to thoroughly wet the hair. Use 2 fluid ounces or less per animal and repeat every 2 to 3 weeks as required.

To control Poultry Lice, spray roosts, walls and nests or cages thoroughly with a dilution of 1 part concentrate with 25 parts water, followed by spraying the birds with a fine mist.

ANIMAL QUARTER USE - DAIRY AND BEEF BARNS, POULTRY HOUSES, SWINE HOUSING AND OTHERListed AREAS: For use in and around listed use areas to control accessible stages of: Brown Dog Ticks, Clover Mites, Cockroaches, Crickets, Deer Flies, Earwigs, Face Flies, Firebrats, Flies, Fleas, Flies, Horn Flies, Hornets, Moths, Silverfish, Small Flying Moths, Spiders, Stable Flies, Ticks, Wasps, Yellow Jacks, Fannia Flies and Darkling Beetles.

As a space spray in conventional ULV cold aerosol generators or foggers adjusted to deliver aerosol size droplets. Whenever possible, space spray application should be made in the late evening when insects are at rest. Apply undiluted at the rate of 0.25-1.0 fluid ounces per 1,000 cubic feet of space above the animals. This concentrate may also be diluted with water at the rate of 1 part concentrate to 10 parts water and applied at the rate of 1-2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray toward the upper portion of the enclosure, above the animals, filling the room with mist or fog. Vacate treated area and ventilate before re-entering.

To control Bedbugs and Mites in poultry houses, prepare a dilution of 1 part concentrate to 25 parts water and spray crevices of roost poles, cracks in walls, and cracks in nests where the Bedbugs and Mites hide.

FOR USE IN AUTOMATIC ULV SPRAYING SYSTEMS, IN AREAS SUCH AS ANIMAL QUARTERS, DAIRY AND BEEF BARNS, POULTRY HOUSES, SWINE HOUSING, WAREHOUSES, RESIDENTIAL BACKYARDS AND OTHER LISTED INDOOR AND OUTDOOR AREAS.

Use to control, or temporarily reduce annoyance from accessible stages of: Brown Dog Ticks, Clover Mites, Cockroaches, Crickets, Deer Flies, Earwigs, Face Flies, Firebrats, Flies, Fleas, Gnats, Horn Flies, Hornets, Horse Flies, Mosquitoes, Silverfish, Small Flying Moths, Spiders, Stable Flies, Ticks, Wasps, Yellow Jacks, Fannia Flies and Darkling Beetles.

As a space spray in conventional ULV cold aerosol generators or foggers adjusted to deliver aerosol size droplets. Whenever possible, space spray application should be made in the late evening when insects are at rest. Apply undiluted at the rate of 0.25-1.0 fluid ounces per 1,000 cubic feet of space above the animals. This concentrate may also be diluted with water at the rate of 1 part concentrate to 10 parts water and applied at the rate of 1-2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray toward the upper portion of the enclosure, above the animals, filling the room with mist or fog. Vacate treated area and ventilate before re-entering.

To control Bedbugs and Mites in poultry houses, prepare a dilution of 1 part concentrate to 25 parts water and spray crevices of roost poles, cracks in walls, and cracks in nests where the Bedbugs and Mites hide.

FOR USE IN TRANSIT PROTECTION: To control accessible stages of listed insects, clean and spray truck beds, boxcars, ship holds and other listed transit equipment before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked. Apply diluted spray at the rate of 1 gallon per 1,000 square feet.

TREATMENT OF STORED GRAIN: To control accessible stages of: Indian Meal Moths and Angoumois Grain Moths. Apply diluted spray to the surface of binned grain at a rate of 0.5 gallons per 1,000 cubic feet. Apply at monthly intervals with the first appearance of infestation. In severe infestations of flying moths, break up webbing with a rake before spraying and make a second application in two weeks.

STORAGE AREAS FOR DRIED FRUIT PRODUCTS for control of: Confused Flour Beetles, Dried Fruit Beetles, Indian Meal Moths and Saw-toothed Grain Beetles. Remove and destroy infested products. Apply diluted spray as a fine mist to yield a solution of 0.093% Pyrethrins and 0.46% Piperonyl Butoxide. When filling tank, use a calming agent since high water temperatures can degrade pyrethrins, it is recommended that system tanks and/or release pesticides when people, pets and food or feed are present. A rain sensor and a wind sensor should be installed on the system to control drift and runoff. The system reservoir tank should be locked and a legible copy of the label securely attached to the system reservoir tank, or on the outside of the system timer. Never use concentrate in an evaporative cooling system.

This product will control insects that are directly contacted by its spray solution. Since many of the targeted insects can migrate in and out of treatment areas, it is recommended that this concentrate be used as part of an Integrated Pest Management (IPM) program. Control practices such as (but not limited to) eliminating breeding and harborage sites, combined with appropriate use of contact insecticides, Insect Growth Regulators (IGRs) and/or residual insecticides will provide the most effective control of target insects.

OUTDOOR USE: To control accessible stages of listed flying insects in listed outdoor areas. If possible, space spray application should be made in the evening or early morning when mosquitoes are typically most active. With a ULV spraying device, spray at a dosage rate of 5 fluid ounces of undiluted concentrate per minute.

TEMPORARY REDUCTION OF ANNOYANCE from: Flies, Mosquitoes and Small Flying Moths. The aforementioned outdoor ground application will give temporary relief of annoyance from the pests in listed outdoor areas. Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. In areas such as zoos, cover water, drinking fountains and animal feed before use.

TO CONTROL PESTS ON SHRUBS, FRUIT AND SHADE TREES:


Mixing Instructions: For Shrubs and Shade Trees follow directions on hose end applicator to obtain four (4) Tbs (2 fl. oz.) per gallon of water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)
1 fluid ounce = 2 Tbs

How To Apply: Spray plant to wet the leaves and branches until dripping.

AROUND HOUSE FOUNDATION:


Mixing Instructions: For Around House Foundation follow directions on hose end applicator to obtain four (4) Tbs (2 fl. oz.) per gallon of water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)
1 fluid ounce = 2 Tbs

How To Apply: To keep insects from entering the house, spray a 5 feet band of soil around the house next to the foundation. Also spray the foundation of the house to a height of 2 feet. Also spray walkways, firewood piles, garbage cans, tree trunks and into cracks and other places where insects can hide.

STORAGE AND DISPOSAL:

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

STORAGE: Store in a cool, dry place. Keep container closed.

DISPOSAL: If empty, Do not reuse container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

Surface spray: To control accessible stages of: Cockroaches, Silverfish, Beetles, and Crickets: Dilute 1–3 fluid ounces of concentrate with one gallon of water, mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture per 750 square feet of surface. To ensure maximum control of listed crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors and surfaces of bins, storage and handling areas. Particular attention should be paid to areas where moisture collects such as drains, sinks and water pipes and around the base of heavy machinery and equipment, contacting as many insects as possible.

ANTS: Spray directly into nests, along trails, and directly on all ants observed.
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. 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 and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic invertebrates. Do not contaminate water when disposing of equipment wash waters. 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.

FIRST AID

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

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.

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 the International Poison Center at 1-888-746-8712.