



Active Ingredient:	
Pyrethrins	5.00%
Other Ingredients	95.00%
	100.00%

PyGanic® is a registered trademark of McLaughlin Gormley King Company. All other marks are property of their respective holders.

KEEP OUT OF REACH OF CHILDREN CAUTION PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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 eye. Call a poison control center or doctor 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-740-8712 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear: coveralls over short-sleeved shirt and short pants; chemical-resistant gloves, such as, Barrier Laminate, Nitrile Rubber, Neoprene Rubber, or Viton; chemical-resistant footwear plus socks; chemical-resistant headgear for overhead exposure; chemical-resistant apron when cleaning equipment, mixing, or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:
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 pesticide is highly toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. 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 into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

SEE INSIDE BOOKLET FOR DIRECTIONS FOR USE

Manufactured by:
MGK®
8810 Tenth Avenue North, Minneapolis, MN 55427
EPA Reg. No. 1021-1772
Rev. 0209-0210
EPA Est. Nos. 1021-MN-2A, 48498-CA-01^B
Superscript is the first character of the lot number.
F7444-100

NET CONTENTS 1 GALLON



STATE OF HAWAII
Department of Agriculture
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Disc.

PULL HERE TO OPEN / PRESS TO RESEAL



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IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • 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.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-740-8712 for emergency medical treatment information.</p>	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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(continued)



ENVIRONMENTAL HAZARDS

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DIRECTIONS FOR USE

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

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. For any requirements specific to your State or Tribe, consult the agency for pesticide regulation.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR, Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep unprotected persons out of treated areas until sprays have dried.

Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. Eye protection, gloves, a long-sleeved shirt and long pants are recommended.

Allow spray to dry before allowing adults, children or pets on treated areas.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

INDOOR AREAS for use in and around:

Aircraft (not aircraft cabins)	Bottling Plants	Classrooms	Delicatessens
Animal Areas and Quarters	Breweries	Closets	Department Stores
Animal Shelters	Brewery Warehouses	Clubhouses	Diners
Animal Control Centers	Buildings	Coffee Shops	Doghouses
Apartments	Buses	Colleges	Storage or Processing Areas
Arcades	Cabinets	Commercial Buildings	That Contain
Assisted Living Facilities	Cabins	Communication Centers	Dried Fruit Products
Attics	Cafeterias	Concession Stands	Drugstores
Auditoriums	Campers	Condominiums	Dumpsters
Bakeries	Canneries	Courthouses	Dwellings
Barns	Casinos	Crawlspaces	Egg Processing Plants
Bars	Cattle Barns	Crematoriums	Factories
Basements	Cattle Stalls	Dairies	False-Ceilings
Bathrooms	Churches	Dairy Stalls and	Food Processing Plants
Beverage Plants	Circus Tents	Holding Areas	Food Storage Areas
Boats	City Missions	Daycare Centers	Freight Containers

(continued)





Frozen Food Plants	Institutions	Other Public Buildings	Supermarkets
Fruit Packing Sheds	Jails	Parking Garages	Swine Houses
Funeral Parlors	Kennels	Passenger Railroad Cars	Taverns
Garages	Laboratories	Peanut Warehouses	Textile Mills and Warehouses
Garbage Bins	Laundromats	Pool Halls	Theaters
Garbage Cans	Lavatories	Poultry Houses	Tobacco Factories
Garbage Compactors	Libraries	Poultry Plants	Tobacco Warehouses
Garbage Trucks	Liquor Stores	Pounds	Tool Sheds
Gas Stations	Livestock Barns	Prisons	Trains
Grain Elevators	Livestock Hauling Equipment	Public Storages	Transportation Equipment
Grain Harvesting and Handling Equipment	Loafing Sheds	Rabbit Processing Plants	Truck Trailers
Grain Mills	Locker Rooms	Railroad Cars	Trucks
Granaries	Mausoleums	Recreational Vehicles	Tunnels
Grocery Stores	Meat Packing Plants	Research Animal Quarters	Universities
Health Care Facilities	Mess Halls	Restaurants	USDA-Inspected Facilities
Herb Drying and Processing Facilities	Milk Rooms	Retail Stores	Utilities
Herb Warehouses	Milking Parlors	Rice Mills	Utility Rooms
Homes	Mills	Schools	Vending Machines
Horse Stables and Barns	Mini Storage	Seed Production Facilities	Veterinary Hospitals
Horse Trailers	Mobile Canteens	Seed Warehouses	Wall and Equipment Voids
Hospices	Mobile Homes	Ship Holds	Warehouses
Hospitals	Morgues	Ships	Washrooms
Hotels	Mortuaries	Smoke Shops	Wheat Mills
Indoor Eating Establishments	Motels	Spice Plants	Wholesale Stores
Industrial Installations	Movie Theaters	Spice Production Facilities	Wine Cellars
Institution Dining Areas	Museums	Sports Stadiums	Wineries
	Mushroom Processing Areas	Stables	Zoos
	Nursing Homes	Storage Bins (areas)	
	Office Buildings	Stores	

OUTDOOR AREAS for use in and around:

Alleys	Corrals	Gazebos	Patios
Amphitheaters	Courtyards	Golf Courses	Playgrounds
Amusement Parks	Curbs	Grandstands	Racetracks
Athletic Fields	Drive-In Restaurants	Greenhouses	Ranges
(baseball, football, soccer)	Drive-In Theaters	Junkyards	Recreation Areas
Backyards	Dumpsters	Kennels	Rest Areas
Balconies	Exterior of Homes and Other Buildings	Levees	Roadsides
Baseball Fields		Livestock Pasture	Rooftops
Bleachers	Fairgrounds	Manure Piles	Sanitary Sewers (manholes)
Bridges	Feedlots	Nurseries	Schoolyards
Campgrounds	Front Yards	Outdoor Eating Establishments	Sidewalks
Car Washes	Game Fields	Outdoor Growing Crops	Side Yards
Circuses	Garbage Dumps	Parking Lots	Stadiums
Construction Sites	Gardens	Parks	Tennis Courts

(continued)

Trees, Shrubs, Flowers and Foliage Plants	Urban Areas Underpasses	Weigh Stations Wild Animal Parks	Zoos and Other Similar Areas
Truck Stops	Utility Rooms Outdoors	Wood Piles	

FOR USE ON:

Beefalo	Elk	Livestock	Pullets
Birds	Emus	Llamas	Quail
Buffalo	Exotics	Mules	Ratites
Calves	Geese	Ostrich	Roosters
Cattle – Beef and Milking	Goats	Oxen	Sheep
Chickens	Hogs	Pheasants	Swine
Donkeys	Horses	Ponies	Turkeys
Ducks	Lambs	Poultry	

TO KILL THE FOLLOWING INSECTS:

Ants (excluding fire and Pharaoh ants)	Cigarette Beetles	Fruit Tree Leaf Rollers	Leaf Rollers
Angoumois Grain Moths	Clover Mites	Fruit Worms	Leafhoppers
Aphids	Clover Weevils	Fungus Gnats	Lice
Apple Maggots	Cockroaches	Garden Symphylan	Loopers
Armored Scales	Codling Moths	Glassy-winged Sharpshooters	Lygus
Armyworms	Colorado Potato Beetles	Gnats	Maggots
Artichoke Plume Moths	Confused Flour Beetles	Grain Mites	Mealybugs
Asparagus Beetles	Corn Earworms	Grape Leafhoppers	Mediterranean Flour Moths
Bagworms	Crane Flies	Grape Leaf Skeletonizers	Mexican Bean Beetles
Bean Beetles	Crickets	Grape Mealybugs	Midges
Beet Armyworms	Cross-striped Cabbageworms	Grasshoppers	Millipedes
Beetles	Cucumber Beetles	Greenhouse Thrips	Mites
Bermudagrass Mirids	12-spotted Cucumber Beetles	Green Bugs	Mole Crickets
Billbugs	Dark Mealworms	Green Fruit Worms	Moths
Blister Beetles	Darkling Beetles	Green Peach Aphids	Mushroom Flies
Blowflies	(lesser mealworm)	Gypsy Moths	Navel Orange Worms
Boll Weevils	Diamondback Larvae	(adults & larvae)	Olive Fruit Flies
Boxelder Bugs	and Moths	Harlequin Bugs	Onion Maggots
Branch and Twig Borers	Dried Fruit Beetles	Heliothis spp.	Orange Tortrix
Brown Dog Ticks	Drugstore Beetles	Horn Flies	Pacific Flatheaded Borers
Cabbage Loopers	Earwigs	Hornworms	Pear Psyllids
Cabbage Maggots	Eastern Tent Caterpillars	House Flies	Pepper Weevils
Cadellles	Elm Leaf Beetles	Imported Cabbageworms	Pink Bollworms
Cankerworms	Eriophyd Mites	Indian Meal Moths	Potato Leafhoppers
Carrot Weevils	European Pine Tip Moths	Japanese Beetles	Potato Tuber Worms
Caterpillars	Fire Worms	Katydid	Poultry Lice
Chalcids	Flea Beetles	Lace Bugs	Proba Bugs
Cheese Skippers	Fleas	Leaf-footed Plant Bugs	Psyllids
Cherry Fruit Flies	Forest Tent Caterpillars	Leafhoppers	Red Flour Beetles
	Fruit Flies	Leaf Miners	Rice Weevils

(continued)

Salt-marsh Caterpillars	Soft Scales	Tarnished Plant Bugs	Vine Mealybugs
Saw-toothed Grain Beetles	Southern Chinch Bugs	Thrips	Vinegar Flies
Scales	Sow Bugs	Tobacco Moths	Webworms
Sharpshooters	Spider Beetles	Tomato Budworms	Weevils
Sheep "Tick" or Ked	Spiders (excluding	Tomato Bugs	Western Yellow-striped
Shore Flies	Brown Recluse spiders)	Tomato Fruit Worms	Armyworms
Shot Hole Borers	Springtails	Tomato Hornworms	Whiteflies
Silverfish	Squash Bugs	Tomato Pinworms	Yellow Mealworms
Skippers	Stable Flies	Tomato Russet Mite	
Small Flying Moths	Stinkbugs	Tussock Moths	

GENERAL USE DIRECTIONS

IMPORTANT: It is recommended that the final spray mix be buffered to a pH of 5.5 – 7.0. Outside of this range pyrethrins can degrade and the product will lose effectiveness.

To avoid possible harm to honey bees and other beneficial insects, it is advisable to apply when the non-target insects are least active.

Pyrethrins degrade rapidly in sunlight. To ensure the best performance, coverage is key. Use spray equipment that will provide the best coverage and direct contact with as many insects as possible.

FOR USE OUTDOORS ON TREES, SHRUBS, FLOWERS AND FOLIAGE PLANTS:

Combine 16 to 32 fluid ounces of PyGanic® PRO with 100 gallons of water for applications with conventional sprayers or 16 to 32 fluid ounces of PyGanic® PRO with 10 gallons of water for applications with low volume mist blowers or 7 to 15 ml (1/4 – 1/2 of a fluid ounce) per gallon water for applications with handheld or backpack sprayers.

FOR USE ON AND AROUND LISTED OUTDOOR AREAS: To kill insects on Turf, Ornamental Plants, Gardens, Landscaping, Foundation Walls and Perimeters mix 7 to 15 ml (1/4 to 1/2 of a fluid ounce) of PyGanic® PRO per gallon of water for applications with compressed air sprayers or pump driven sprayers.

USE INDOORS ON TREES, SHRUBS, FLOWERS AND FOLIAGE PLANTS: Combine 16 to 32 fluid ounces of PyGanic® PRO with 100 gallons of water for applications with conventional sprayers or 7 to 15 ml (1/4 to 1/2 of a fluid ounce) of PyGanic® PRO per gallon of water for applications with handheld or backpack sprayers.

IMPORTANT NOTE: Plant safety is an important consideration when using insecticides in a greenhouse. However, it is not possible to evaluate the phytotoxicity of PyGanic® PRO on numerous plant varieties that may react differently to insecticides in different growth stages or under varying environmental conditions. Before making widespread applications of PyGanic® PRO or tank mix combinations, treat a limited number of plants and observe for phytotoxicity over a 10-day period.

***FOR USE ON HARVESTED FRUITS AND VEGETABLES:** Apples, Blackberries, Blueberries, Boysenberries, Cherries, Crabapples, Currants, Dewberries, Figs, Gooseberries, Grapes, Guavas, Loganberries, Mangoes, Muskmelons, Oranges, Peaches, Pears, Peas, Pineapples, Plums, Raspberries, Tomatoes.

***DIRECT SPRAY TO FRUITS IN BASKETS, ON TRUCKS OR IN PROCESSING PLANTS:** To kill *Drosophila* spp., *Tephritid* spp., Fruit Flies, Vinegar Flies and other nuisance pests, dilute this concentrate at the rate of 1 part with 900 parts water (1 pint with 125 gallons of water or 5 ml with 10 pints of water). Thoroughly mix the emulsion in the spray tank and treat as follows:

- 1) Apply liberally to fruits and vegetables in baskets, on trucks and in plants. Use sprayers at a high pressure for applying at the rate of five or six pints of diluted spray to a 2-ton load of produce. Direct the spray for maximum coverage of the baskets or hampers. It is important to spray between and beneath the containers.
- 2) Spray the raw stock stacked in the yard.
- 3) Dip baskets in the diluted spray, after dumping the produce to kill adhering larvae and pupae.

*NOT REGISTERED FOR THIS USE IN THE STATE OF CALIFORNIA.



GENERAL USE DIRECTIONS FOR INDOOR APPLICATIONS:

Remove pets and birds and cover fish aquariums before spraying.

Kills only at time of application. Listed insect pests must be directly contacted to be effective.

Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. Patients should be removed prior to treatment. If application is done as a surface spray, patients may re-enter once the spray has dried. If application is done as a space spray, the rooms should be ventilated for two hours after spraying. Do not return patients to room until after ventilation.

Do not apply in institutions (including libraries, schools, sports facilities etc.) in the immediate area where occupants are present. Do not apply to classrooms while in use. Vacate rooms prior to treatment. If application is done as a surface spray, occupants may re-enter once the spray has dried. If application is done as a space spray, rooms should be ventilated for two hours after spraying. Do not allow occupants to enter room until after ventilation.

FOOD AREA USE: Avoid contamination of food or feedstuffs. Do not apply directly to food. Do not apply space spray while food processing is underway. Foods should be removed or covered during treatment. All food processing surfaces and equipment should be covered or washed with an effective cleaning compound followed by a potable water rinse. In the home all food processing surfaces, dishes and utensils should be covered during treatment or thoroughly washed before use.

USE AS A SURFACE SPRAY IN LISTED INDOOR AREAS: To kill accessible, exposed stages of listed crawling insects, dilute 1 – 3 fluid ounces of concentrate with one gallon of water, mix well and apply as a coarse wetting spray at the rate of 1 gallon of spray mixture per 750 square feet of surface. To ensure maximum kill of listed crawling insects, spray thoroughly into all cracks, moldings, 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. To kill ANTS (excluding fire and Pharaoh ants), spray directly into nests, along trails, and directly on all ants observed.

Except in Federally-inspected meat and poultry plants, food processing operations may continue when this product is applied as a surface spray with care and in accordance with the directions and precautions given above.

Dilution Table for Surface Spray

Fluid Ounces of Concentrate Per Gallon of Solution	Pounds of Pyrethrum Per Gallon of Solution	Percent Pyrethrins in Solution
1	0.0032	0.039%
2	0.0064	0.078%
3	0.0096	0.118%
4	0.0128	0.159%
5	0.0160	0.200%
6	0.0192	0.242%
7	0.0224	0.284%
8	0.0256	0.328%
12	0.038	0.508%
16	0.051	0.702%
22	0.070	1.020%



FOR FEDERALLY-INSPECTED MEAT AND POULTRY PROCESSING FACILITIES: To kill accessible, exposed stages of listed crawling insects, dilute 9 fluid ounces with one gallon of water and apply at the rate of 1 gallon to 750 square feet, paying special attention to force the spray into all cracks and crevices.

SPACE SPRAY IN FOOD AND NON-FOOD AREAS OF LISTED INDOOR AREAS: For use in mechanical fogging or spraying equipment to kill accessible stages of listed FLYING AND CRAWLING INSECTS. Close room and shut off all air conditioners or ventilating equipment. Dilute at the rate of 1 part concentrate into 1 – 8 parts water (see table below) and mix well. Apply at the rate of 1 fluid ounce of diluted solution per 1000 cubic feet of space, filling the room with mist. Direct the space treatment upward and whenever practical, keep doors and windows closed for at least 30 minutes after application. Vacate treated area and ventilate before re-entry.

This concentrate may also be diluted with oil. If the product is used in a certified organic facility, check with certification regulations regarding allowed oils. Any oil should also meet Federal Food Additive Regulation requirements as defined by CFR Title 21. Conduct a small jar compatibility test by mixing a small amount of oil and concentrate and observe the physical compatibility of the mixture. Dilute at the rate of 1 part of concentrate with up to 8 parts oil. Apply at the rate of 1 fluid ounce of diluted solution per 1000 cubic feet of space.

When this product is applied as a space spray in food processing or food handling establishment applications should be confined to time periods when the plant is not in operation.

Dilution Table for ULV Foggers

Dilution Ratio:					
Concentrate	Water	Fluid Ounces of Concentrate Per Ounce of Solution Volume	Fluid Ounces of Water Per Ounce of Solution Volume	Pounds of Pyrethrum Per 1,000 cu. ft. When Applied At 1 fl. oz. Per 1000 cu. ft.	Percent Pyrethrins in Solution
Undiluted		1.00	0.00	0.0032	5.00%
1	1	0.50	0.50	0.0016	2.47%
1	2	0.33	0.67	0.0011	1.65%
1	3	0.25	0.75	0.00101	1.23%
1	4	0.20	0.80	0.00064	0.99%
1	8	0.11	0.89	0.00035	0.547%

***FOR USE ON SWEET POTATOES IN STORAGE:** To kill Fruit Flies and Vinegar Flies, dilute this concentrate at 1 part to 14 parts water (9 fluid ounces with one gallon of water). Apply as a space fog with a mechanical fogger capable of producing particles of aerosol size at the rate of 1 gallon diluted spray per 100,000 cubic feet of space. Apply only when flying insects are present. Several applications may be necessary during periods of heavy infestation, but do not make more than 10 applications.

*NOT REGISTERED FOR THIS USE IN THE STATE OF CALIFORNIA.

***FOR USE ON STORED PRODUCTS:** The product can be used to kill accessible stages of listed insects on the following stored commodities: Almond Nutmeat and Shells, Barley, Beans, Birdseed, Buckwheat, Cocoa Beans, Corn, Cottonseed, Dried Apricots, Dried Fruit, Dried Prunes, Figs, Flax, Grain Nuts, Oats, Peanuts, Pistachios, Raisins, Rice, Rye, Sorghum, Tobacco, Wheat, and Walnut Nutmeat and Shells held in storage.





***DRIED FRUIT PRODUCTS IN STORAGE OR BEING PROCESSED:** To kill the following stored product pests: Dried Fruit Beetle and Saw-toothed Grain Beetle. Remove and destroy infested products. Dilute concentrate at the rate of 1 part concentrate to 8 parts water and mix well. Disperse the solution as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. If the solution is applied as a space spray, use one ounce diluted spray per 1000 cubic feet of space. 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.

***ON ALMONDS, PEANUTS, PISTACHIOS AND WALNUTS IN BULK OR IN BAGS:** To kill the following stored product insects: Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Flat Grain Beetles, Granary Weevils, Indian Meal Moths, Lesser Grain Borers, Maize Weevils, Mediterranean Flour Moths, Merchant Grain Beetles, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Saw-toothed Grain Beetles and Square-necked Grain Beetles, dilute 2.0 fluid ounces of PyGanic® PRO per gallon of water and apply as a coarse wet spray over the top of stored nuts or the outside surface of stacked bagged nuts at the rate of 4 gallons per 1000 square feet. Apply at weekly intervals for about 6 weeks and then at 15-day intervals. The first two applications should be applied at the rate of 4 gallons per 1000 square feet and subsequent treatments should be applied at the rate of 2 gallons per 1000 square feet.

*NOT REGISTERED FOR THIS USE IN THE STATE OF CALIFORNIA.

TREATMENT OF STORED GRAIN AND SEED AREAS: For best results to kill stored product pests in grain and seed storage areas and stored grain and seed, treat the area when it is empty of product, as a protectant applied as commodity is put into storage, and as a surface spray once it is in storage.

FOR USE IN STORAGE SITES: This concentrate can be used to treat grain and seed in warehouse bins and trucks, cargo ships, mills, bin hoppers, elevators and conveying equipment as a clean up prior to using them for storage. In mills and elevators, all grain-infested accumulations should be removed from the bin hoppers. All storage areas and conveying equipment should be thoroughly cleaned by sweeping out the waste grain, cobwebs and other debris from the walls and rafters as well as on the floor and door frames with special attention to material lodged in the cracks and crevices. All debris should be removed and burned to kill eggs and insects that might be present.

For farms, particular attention should be given to cleaning up around the used feed and grain bags, grain residues from wagons, harvesting equipment and feed troughs. Newly harvested grain should not be placed in the same bin with carry-over grain, and all carry-over grain stocks that are not treated with grain protectant should be fumigated. These cleaning operations should be done within two or three weeks before harvest.

After above sanitation measures have been employed, spray all areas prior to use for storage with 1 part to 22 parts water (6 fluid ounces with one gallon of water) up to 1 part to 8 parts (1 pint with one gallon of water). Apply at the rate of one gallon per 750 square feet on walls, floors, ceilings and partition boards of bins, paying particular attention to forcing the spray into all cracks and crevices.

***FOR USE AS A GRAIN PROTECTANT:** This concentrate when diluted with water and sprayed directly on grains will effectively protect the grain against grain storage insects for a full season or approximately 8 months. Dilute at the rate of 1 part to 22 parts water (6 fluid ounces with one gallon of water). Thoroughly mix the emulsion and apply at the rate of 5 gallons per 1000 bushels of grain as it is carried along a belt or as it enters the auger or elevator. This concentrate may be used in combination with a registered fumigant for use on heavily infested stored products.

*NOT REGISTERED FOR THIS USE IN THE STATE OF CALIFORNIA.

Monthly inspections should be made. If the top 2 or 3 inches are infested, re-treat applying at the rate of 2 gallons of diluted material per 1000 bushels of stored product.

***SURFACE TREATMENT OF STORED GRAIN AND SEED:** To kill Indian Meal Moths, Angoumois Grain Moths and Mediterranean Flour Moths, monthly inspections should be made after the grain is placed in storage. If the top two or three inches are infested, dilute 1 part PyGanic® PRO with 14 parts of water and apply at the rate of 2 gallons per 1000 square feet of grain. Rake the mixture into the grain to a depth of 4 inches.

*NOT REGISTERED FOR THIS USE IN THE STATE OF CALIFORNIA



FOR USE ON LISTED ANIMALS:

- 1) To kill poultry lice, using a dilution of 2.5 to 4 fluid ounces of concentrate per gallon of water. Spray roosts, walls and nests or cages thoroughly. It is not necessary to remove poultry from the housing unit during treatment. This should be followed by spraying over the birds with a fine mist.
- 2) To kill mites on poultry and in poultry houses, dilute at the rate of 2.5 to 4 fluid ounces per gallon of water and spray crevices of roost poles, cracks in walls and cracks in nests where the mites hide. This should be followed by spraying over the birds with a fine mist.
- 3) To kill adult darkling beetle (lesser mealworm) in poultry houses, dilute 2.0 – 5.0 teaspoons (10 – 25 ml) of PyGanic® PRO per gallon of water. Using a power or proportioner-type sprayer, apply a uniform spray until wet at pressures of 80 to 100 pounds per square inch to surfaces such as interior walls, roosting posts, structural support pillars, and other surfaces where adult beetles are observed. One gallon of spray mixture covers 250 – 500 square feet. Do not contaminate food/feed or water. For maximum effectiveness, treatments should coincide with each growout or sanitation procedure. Indoor control can be enhanced by making perimeter treatments around the outside of buildings. To prevent immigrating adult beetles, apply a uniform band of spray 2 feet up and 1 – 4 feet out from the foundation.

FOR USE IN BARNs, DAIRIES, MILKING PARLORS, MILKING ROOMS AND POULTRY HOUSES: To kill the following flying insects: Flies, Fruit Flies, Gnats and Small Flying Moths, dilute at the rate of 2.5 fluid ounces per gallon of water. Apply as a fog or fine mist (at approximately 2 fluid ounces per 1000 cubic feet of space), directing the nozzle for maximum coverage and above livestock and poultry toward the ceiling and upper corners of the area being treated. For best results, close doors and windows before spraying, and keep them closed for 10 to 15 minutes. Applicator should vacate the treated area and ventilate it prior to returning. Sweep up and destroy fallen insects.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or 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 [for containers of 5 Gallons (18.9 L) or less]: 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 1/4 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.

Pressure rinse as follows [for containers greater than 5 Gallons (18.9 L) too large to shake]: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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Manufactured by:

MGK®

8810 Tenth Avenue North
Minneapolis, MN 55427



- Contains pyrethrins – a botanical insecticide derived from chrysanthemums
- For use in food handling, processing and storage areas
- For indoor and outdoor uses
- For use in barns, dairies and poultry houses

ACTIVE INGREDIENT:

Pyrethrins	5.00%
OTHER INGREDIENTS	95.00%
	100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

See Inside Booklet for First Aid and Additional Precautionary Statements

EPA Reg. No. 1021-1772
Rev. 0209-0210

EPA Est. Nos. 1021-MN-2^A, 48498-CA-01^B
Superscript is the first character of the lot number.

NET CONTENTS 1.0 GALLON

Manufactured by:



8810 Tenth Avenue North
Minneapolis, MN 55427

FOR ORGANIC PRODUCTION



F7444-100