

TM
KICKER E.C.

Contains PYRENONE

EPA REG. NO. 4816- 707 CODE 72070

EPA EST. NO. 279-NY-1

A highly versatile Pyrenone Insecticide Concentrate for indoor or outdoor application as a space, area or contact spray. Kicker may be applied through mechanical aerosol or ULV Generators, thermal fogging equipment as well as conventional fogging or spraying equipment. Authorized for use in all areas of official establishments operating under the Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs.

INDOOR USE AREAS

Including, but not limited to : Bakeries, beverage plants, canneries, flour mills food processing plants, grain elevators, granaries, homes, hospitals, hotels, industrial installations, kennels, meat packing plants, motels, office buildings, railroad cars, restaurants, schools, ships' holds, storage or processing areas of dried food products, surfaces of bags of stored food products, supermarkets, truck trailers and warehouses.

OUTDOOR USE AREAS

Including, but not limited to: Cattle barns, corrals, dairies, drive-in restaurants, drive-in theaters, feedlot, golf courses, horse barns, parks, milking parlors, milk rooms, playgrounds, poultry houses, swine lots, recreational areas, swine houses, urban areas and zoos.

PROVIDES RAPID KILL OF INSECTS WITHOUT OBJECTIONABLE RESIDUES WHEN USED ALONE

MAY BE APPLIED AS A WET SPRAY IN FOOD PLANTS WHILE IN OPERATION

MAY BE TANK MIXED WITH RESIDUAL INSECTICIDES

ACTIVE INGREDIENTS:

Pyrethrins.....	6.0%
*Piperonyl Butoxide, Technical.....	60.0%

INERT INGREDIENTS.....	34.0%
	<u>100.0%</u>

*Equivalent to 48.0% (butylcarbityl)(6-propylpiperonyl) ether and 12.0% related compounds.

Keep Out of Reach of Children

CAUTION

Harmful if Swallowed

See side panel for additional precautions

STATEMENT OF PRACTICAL TREATMENT:

IF SWALLOWED: Contact a physician or Poison Control Center immediately. Do not induce vomiting unless direction by a physician. This product contains petroleum distillate and vomiting may cause aspiration pneumonia.

IF IN EYES: Flush with water for approximately 15 minutes. Contact a physician if irritation persists.

IF ON SKIN: Remove contaminated clothing. Flush skin with plenty of soap and water. Contact a physician if irritation persists.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crab and other aquatic organisms. Keep out of lakes, streams and ponds (except when used as a mosquito larvacide - then used only around the borders of those areas). Shrimp and crab may be killed at application rates recommended on this label. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith.

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STORAGE AND DISPOSAL

For containers larger than one gallon:

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

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved State and local procedures.

For containers one gallon and smaller:

STORAGE: Store in original container in a cool, dry place inaccessible to children and pets.

DISPOSAL: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

Do not apply directly to food. Do not apply as a space spray while food processing is underway. Foods should be removed or covered before treatment. Thoroughly wash all food processing surfaces before reuse. After spraying in meat packing plants, bakeries and food processing plants, wash with a suitable detergent and rinse with potable water all equipment, benches, shelving, etc. where exposed food will be handled. In case washing is impractical, do not allow food to come in contact with treated surfaces for at least 48 hours. Food processing operations do not have to be stopped while applying a wet spray with care in accordance with directions and cautions given above. Remove pets, birds and cover fish aquaria before spraying.

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 such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried.

This concentrate is designed to be diluted with water or oil. The resulting spray solution should be applied using good mechanical or compressed air fogging equipment.

The insecticidal components of this concentrate, pyrethrins and piperonyl butoxide, are classified as food additives, and allowable tolerance levels will not be exceeded, when used as directed.

When diluting with water, prepare only the amount needed for immediate use. Agitate occasionally. Holding a water dilution more than 24 hours is not recommended. For oil dilutions in food handling establishments, a deodorized petroleum oil which conforms with CFR 21 especially section 172.884 is required (such as Exxon Isopar M, Ashland Low Odor Base Solvent or their equivalents). For outdoor ULV applications use fuel oil.

IN COMBINATION WITH RESIDUALS:

To provide flushing and quick knockdown of insects, KICKER E.C. 60--6 may be added to Diazinon, Dursban, Safrotin, Baygon, Pyrid, Picam and Demon in on-site tank mixtures.

Applications must be made in accordance with the more restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product with is prohibitions against such mixing.

FOR INDOOR APPLICATION:

Remove pets, birds, and cover fish aquarium before spraying.

WHEN USED ALONE AS A SURFACE SPRAY:

Food processing operations (except in Federally inspected meat and poultry plants) do not have to be stopped when KICKER E.C. 60-6 is applied as a wet spray in accordance with the directions and precautions given on this label.

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APPLICATION SITES	PESTS CONTROLLED	USE DIRECTIONS	DILUTION GAL.	WATER	EFFECTIVE IN FINAL DILUTION PT.	PS.
Beverages, beverage plants, canneries, flour mills, food processing plants, grain elevators, granaries, homes, hospitals, hotels, industrial installations, kennels, meat packing plants, motels, office buildings, railroad cars, restaurants, schools, ships' holds, storage or processing areas of dried food products, surfaces of bags of stored food products, supermarkets, truck trailers and warehouses.	Small flying moths and exposed stages of flies including fruit flies, mosquitoes and gnats.	Close doors and windows and shut off ventilating systems. Apply as a fog or fine mist directing the spray toward the upper portions of the room and toward windows and other light sources that attract these insects. Thoroughly fill the area with mist using 1 or 2 ounces per 1000 cubic feet. Keep area closed for 10 minutes or more. Vacate after treatment and ventilate before reoccupying. Repeat treatment as needed.	1.0 fl. oz./gal.	YES	0.05	0.16
	Ants, cockroaches, crickets, clover mites, cheese mites, confused flour beetles, boxelder bugs, scorpions, cigarette beetles, cadellies, drugstore beetles, granary weevils, grain mites, mealworms, rice weevils, rust red flour beetles, silverfish, spiders, sawtoothed grain beetles, spider beetles, waterbugs, palmetto bugs, centipedes, millipedes, sowbugs and pillbugs.	For initial cleanout, apply as a coarse droplet surface spray using approximately 1 gallon to 750 square feet. Spray thoroughly all surfaces where these insects are usually found including walls, baseboards, moldings, doors, cabinets, shelves, sinks and pipes, with special attention to cracks and crevices, niches, dark corners, drains and similar hiding places. Treat ant trails, nests and runs. When possible, spray insects directly. Repeat treatment at the same rate of application after an interval of one month if reinfestation occurs. This dilution may not be used in edible product areas of Federally inspected areas of meat and poultry plants.	4.5 fl. oz./gal.	YES	0.2	2.0
		In Federally inspected meat and poultry plants, apply as a coarse droplet surface spray using approximately 1 gallon to 750 square feet. Spray thoroughly all surfaces where the insects are usually found including walls, baseboards, moldings, doors, cabinets, shelves, sinks and pipes, with special attention to cracks and crevices, niches, dark corners, drains and similar hiding places. Treat ant trails, nests and runs. When possible spray insects directly. Repeat treatment at the same rate of application after an interval of one month or if reinfestation occurs.	2.0 fl. oz./gal.	YES	0.1	1.0
	Carpet beetles.	For initial clean up of severe infestations spray the edges of carpeting and under carpeting and rugs. Make localized application to floors and baseboards. Spray directly into cracks, crevices, closets and infested areas of shelving. Repeat treatment as needed.	4.5 fl. oz./gal.	YES	0.2	2.0
	Bedbugs.	For normal infestations.	2.0 fl. oz./gal.	YES	0.1	1.0
		For initial clean up of severe infestations spray the edges of carpeting and under carpeting and rugs. Make localized application to floors and baseboards. Spray directly into cracks, crevices, closets and infested areas of shelving. Repeat treatment as needed.	4.5 fl. oz./gal.	YES	0.2	2.0

APPLICATION SITES	PESTS CONTROLLED	USE DIRECTIONS	DILUTION RATE	OIL	WATER	% ACTIVE IN FINAL DILUTION	
						PT.	PG.
Stored grain.	Exposed accessible stages of Indian Meal Moth and Angoumois Grain Moth.	Apply to the surface of the binned grain at a rate of 2 gallons per 1000 square feet (1.6 pints per 100 square feet). Apply at monthly intervals beginning with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.	4.0 fl. oz./gal.	NO	YES	0.2	2.0
Cattle, horses, sheep, swine, goats and hogs.	Horn flies, horse flies, mosquitoes and gnats.	Apply to wet the hair thoroughly with particular attention to topline, underline, flanks, withers and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are merging in large numbers.	0.5 fl. oz./gal.	NO	YES	0.02	0.20
	Horse flies and deer flies.	Apply a quart per adult animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat treatment each week as needed.	2.0 fl. oz./gal.	NO	YES	0.1	1.0
	Face flies.	Use a spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1 1/2 ounces per animal. Repeat daily as needed.	2.0 fl. oz./gal.	NO	YES	0.1	1.0
	Mobile stages of (biting) yellow lice and (sucking) blue lice.	Spray to thoroughly wet the hair of the animal including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.	0.25 fl. oz./gal.	NO	YES	0.01	1.10
	Poultry lice.	Spray roasts, walls and nests or cages, thoroughly. This should be followed by spraying over the birds with a fine mist.	2.0 fl. oz./gal.	NO	YES	0.1	1.0
Poultry houses.	Bedbugs and mites.	Spray crevices of roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide.	2.0 fl. oz./gal.	NO	YES	0.1	1.0
Sheep and goats.	Sheep tick or KED.	Thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.	0.25 fl. oz./gal.	NO	YES	0.01	0.10
Livestock and pets.	Fleas.	Wet the animal by dipping or spraying. For best results against fleas and ticks on dogs, the kennels or animal quarters and bedding should also be treated. Provides protection against reinfestation.	2.0 fl. oz./gal.	NO	YES	0.1	1.0

APPLICATION SITES	PESTS CONTROLLED	USE DIRECTIONS	DILUTION RATE	A	WATER	2 ACTIVE IN FINAL DILUTION PT.	2.0
	Flea and Brown Dog Ticks.	For initial clean up of severe infestations thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, molding, window and door frames and the entire floor and floor coverings. Fresh bedding should be placed in animal quarters following treatment. Concurrent treatment of animals with an approved insecticide is recommended. Repeat treatment as needed.	4.5 fl. oz./gal.	YES	YES	0.2	2.0
		For normal infestations.	2.0 fl. oz./gal.	YES	YES	0.1	1.0
	Clothes moths	Remove any infested articles from storage, brush thoroughly and air several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus, and other storages, directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly keeping nozzle at least three feet from fabric to avoid staining. Store in moth tight containers or repeat treatment monthly.	11 fl. oz./gal.	YES	YES	0.5	3.0
Mills, elevators and granaries.	Accessible stages of: Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Cadellies, Drugstore Beetles, Mealworms, Sawtoothed Grain Beetles, Spider Beetles, Cheese Mites, Grain Mites, Silverfish and Red Rust Beetle.	For rapid initial kill of exposed or accessible stages, clean out any waste grain, dust, dirt or debris and destroy before spraying. Apply as a coarse droplet spray using approximately 1 gallon to 750 square feet of surface. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this use. In mills, elevators and granaries, thoroughly spray floors, walls and other surfaces of bins, storage and handling areas with particular attention to cracks, crevices and similar protected locations. Treat unloading, handling and processing areas and apply the insecticide to conveying, processing and handling equipment, such as the inside of reel conveyors, purifier conveyors, sifters, roll housings and hoppers, pick up conveyors, etc. Spray thoroughly around the base of heavy machinery and equipment. Thoroughly treat walls, floors, shelves and other exposed surfaces and lightly spray each layer of cartons or containers as stacked. Sack surfaces of bagged grain can be sprayed lightly until slightly moist.	2.0 fl. oz./gal.	YES	YES	0.1	1.0
		For protection in transit, treat truck beds, box cars and ships' holds before loading. Apply at a rate of 1 gallon to 750 square feet of surface with particular attention to cracks, crevices and similar hiding places.	2.0 fl. oz./gal.	NO	YES	0.1	1.0

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APPLICATION SITES	PESTS CONTROLLED	USE DIRECTIONS	DILUTION RATE	CIL	WATER	% ACTIVE IN FINAL DILUTION	P
Livestock and pet.	Spinose ear tick.	Apply by individual treatment, syringing or pouring 1 to 2 ounces into each ear of large animals or a few drops into the ears of dogs.	1.0 fl. oz/gal.	NO	YES	0.04	0.
Around residential areas, rural fields or woods, lots, roadside edges, pathways and coastal vegetation areas.	Brown dog ticks.	Apply with a mist blower applicator calibrated to deliver three gallons per acre at 200 psi. Make applications during peak of infestation and repeat if necessary. Apply directly to vegetation where the ticks rest.	0.5 fl. oz/gal.	NO	YES	0.3	2.
Barns, milking parlors, milk rooms, dairies and poultry houses.	Flies, mosquitoes and gnats.	Apply as a fog or fine mist directing the spray toward the ceiling and upper corners until the area is filled with mist using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes. Vacate the treated area and ventilate before reoccupying. Repeat application as necessary.	2.0 fl. oz/gal.	YES	YES	0.1	1.
Mosquito resting sites.	Adult mosquitoes, small flying moths and black flies.	Apply as a fine mist or fog. Treat shrubbery and vegetation where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shore lines may be treated. Application of this product to any body of water for adult mosquito control is prohibited. With mobile or truck mounted equipment the above application rate will result if a 300 foot swath is treated, traveling at 5 m.p.h., dispensing spray at a rate of 10 fluid ounces per minute. Repeat as necessary usually once or twice a week.	16.5 fl. oz/gal.	YES	YES	1.5	15.
Mosquito larvae breeding sites.	Mosquito larvae.	Apply at the rate of 5 gallons per acre. Apply as a coarse wetting spray uniformly over wet lands, swamps, marshes or shallow waters. Do not exceed this dosage or fish kill may result.	1.5 fl. oz/gal.	YES	NO	0.005	0.