

PYRENONE 25-5 W.P.

EPA REG. NO. 4816-

CODE XXX.XX

EPA Est. No. 279-NY-1

A WETTABLE POWDER CONTAINING PYRENONE

For use in food processing and storage areas, institutions, residential areas, and animal quarters including, but not limited to, restaurants, warehouses, hospitals, hospices, hotels, motels, homes, barns and stables.

For use on livestock and pets including, but not limited to, cattle, horses, sheep, goats, hogs, poultry, dogs and cats.

For use outdoors on trees, shrubs, roses and flower gardens.

Kills many insects including, but not limited to gypsy moth caterpillars, gypsy moth adults, adult Japanese beetles, Eastern tent caterpillars, forest tent caterpillars, fleas and ticks.

Controls numerous insects including, but not limited to, ants, bedbugs brown dog ticks, cadelles, carpet beetles, cheese mites, cigarette beetles, clover mites, cockroaches, confused flour beetles, crickets, deer flies, drugstore beetles, face flies, fleas, gnats, grain mites, granary weevils, horn flies, horse flies, house flies, lice, meal worms, mites, mosquitoes, poultry lice, rice weevils, rust red flour beetles, sawtoothed grain beetles, sheep tick or "ked", silverfish, spider beetles, spiders, stable flies and ticks.

Provides rapid kill of insects without leaving objectionable residues. May be tank mixed with other residual insecticides

ACTIVE INGREDIENTS:

Pyrethrins.....	2.50
*Piperonyl Butoxide, Technical.....	25.00

INERT INGREDIENTS.....	72.50
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TOTAL:	100.00%
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*Equivalent to min 20.0% (butylcarbityl)(6-propylpiperonyl) ether and 5.0% related compounds.

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KEEP OUT OF REACH OF CHILDREN

CAUTION

JUN 12 1987

See side panel for additional precautions

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NET CONTENTS: _____

DIRECTIONS FOR USE

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

To prepare dilutions, add the required amount of wettable powder to water and blend thoroughly. This will produce a suspension. SHAKE WELL at regular intervals during use. Prepare only the amount needed for immediate use. Holding dilutions more than 24 hours is not recommended. Refer to chart for appropriate dilution rates and use directions.

This product may be added, to provide flushing and quick knockdown of insects, with Diazinon, Dursban, Safroten, Baygon, Pyrid, Ficam and Demon in on-site tank mixtures.

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

Use a dilution from the Dilution Table that corresponds to the desired application rate.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes. Wear protective clothing. Wash with soap and water after handling and before eating or smoking. Remove or cover fish aquaria before using this product.

Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Foods should be removed or covered before treatment. Thoroughly wash all food processing surfaces before reuse. Facilities and equipment in Federally inspected meat and poultry plants must be washed with an effective cleaning compound followed by a potable water rinse.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water. Do not induce vomiting unless directed to do so by a physician. Give nothing by mouth to an unconscious person.

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

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IF IN EYES: Flush eyes with plenty of water.. Contact a physician if irritation persists.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water. Contact a physician if irritation persists. Thoroughly wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes and estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

APPLICATION SITES Including but not limited to:	PESTS CONTROLLED Including but not limited to:	USE DIRECTIONS
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.	Small flying moths and exposed stages of flies including fruit flies, mosquitoes and gnats.	Close doors and windows and shut ventilating systems. Apply as a fine mist directing the spray toward upper portions of the room and toward windows and other light sources to attract these insects. Thoroughly treat 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 needed.
	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, spiders, 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 rate of application after an interval of one month if reinfestation occurs. Dilution may not be used in edible product areas of Federally inspected areas of meat and poultry plants.
		In Federally inspected meat and poultry plants, apply as a coarse droplet surface spray using approximately 1 gallon to 750 square feet. Spray thoroughly 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, corners, drains and similar hiding places. Treat ant trails, nests and runs. When possible spray insects directly. Repeat treatment at the rate of application after an interval of one month or if reinfestation occurs.
	Carpet beetles.	For initial clean up of severe infestations spray the edges of carpeting and under carpeting and make localized application to floors, baseboards. Spray directly into cracks, crevices, closets and infested areas of shelving. Repeat treatment as needed.
		For normal infestations.

APPLICATION SITES Including but not limited to:	PESTS CONTROLLED Including but not limited to:	USE DIRECTIONS	DILUTION RATE
	Bedbugs.	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.	10.5 ounces per gallon
		For normal infestations.	5.5 oz./gallon
	Fleas 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.	10.5 ounces per gallon
		For normal infestations.	5.5 oz./gallon
	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.	26.5 ounces per gallon.
Mills, elevators and granaries.	Accessible stages of: Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Cadellids, 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.	5.5 ounces per gallon

APPLICATION SITES Including but not limited to:	PESTS CONTROLLED Including but not limited to:	USE DIRECTIONS	DILUTION RATE
		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.	
		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.	5.5 ounces per gallon
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.	10.5 ounces per gallon
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.	1.00 ounces per gallon
	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.	5.50 ounces per gallon
	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.	5.50 ounces per gal.
	Motile 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.	0.5 ounces per gallon
Poultry and poultry houses.	Poultry lice.	Spray roosts, walls and nests or cages thoroughly. Spray the birds thoroughly to insure penetration through the feathers. Start at bottom of birds and work up.	5.5 ounces per gallon

APPLICATION SITES Including but not limited to:	PESTS CONTROLLED Including but not limited to:	USE DIRECTIONS	DILUTION RATE
Poultry houses.	Bedbugs and mites.	Spray crevices of roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide.	5.5 ounces per gallon
Sheep and goats.	Sheep tick or RED.	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.	0.5 ounces per gallon
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.	5.5 ounces per gallon
	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.	2.0 ounces per gallon
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.	16.0 ounces per gallon
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.	5.5 ounces per gallon

Fairfield American Corporation
809 Harrison Street
Frenchtown, NJ 08825

Attention: Paul J. Kruger


Gentlemen:

Subject: Amendment (Label Revision)
Kicker E.C.
EPA Registration No. 4816-707
Application Dated February 3, 1987

The proposed amendment to the registration of the product cited above to amend the label by rounding off the dilution use rates to the nearest 0.5 fl oz/gal is acceptable. A stamped copy of the draft label is enclosed for your records.

Submit five (5) copies of the finished printed label before the product is released for shipment under the amended labeling.

Sincerely yours,


Arturo E. Castillo
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

87744: I: Tavano: C-9: KENCO: 05/28/87: 06/06/87: teg: SJH: DSG: BJP: EK: BJP

CONCURRENCES								
SYMBOL	ORIGINATOR TS767							
SURNAME	Tavano							
DATE	6/12/87							

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