

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
4816-710

DATE OF ISSUANCE

TERM OF ISSUANCE

12 JUN 1987

NOTICE OF PESTICIDE: ☒ REGISTRATION
☐ REREISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT
Turbocide Pest Control System
With Pyrenone 1-5

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

✓ Fairfield American Corporation
87th and Harrison Streets
Frenchtown, NJ 08825

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 4816-710" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

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

Enclosures

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

For Arturo E. Castillo

DATE

June 12, 1987

EPA Form 8570-6 (Rev. 5-76)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

JUN 12 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, the above product
is registered under FIFRA Reg. No.

INSECTICIDE, LIQUIFIED GAS
TURBOCIDE

CODE

Pest Control System With Pyrenone 1 -5

EPA Reg. No. 4816-

EPA Est. No. 38719-NC-01

This unique aerosol application system employs LIQUID CARBON DIOXIDE as a solvent and propellant.

No chemicals to mix, measure or pour.

No containers to dispose of.

These cylinders are returned to the manufacturer for refilling.

ACTIVE INGREDIENTS:

Pyrethrins 1.0%

*Piperonyl Butoxide, Technical 5.0%

**INERT INGREDIENTS: 94.0%

TOTAL 100.0%

*Equivalent to min. 4.0% (butylcarbityl) (6-propylpiperonyl) ether and 1.0% related compounds.

**Contains petroleum distillate

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

See rear panel for additional precautions.

PYRENONE is a Registered Trademark of Fairfield American Corporation
TURBOCIDE is a Trademark of Fairfield American Corporation

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Avoid inhalation of spray mist. Avoid contact with skin and eyes. Avoid contamination of feed and foodstuffs, except as directed on this label. Vacate premises after treatment and ventilate before reoccupying. Remove pets, birds and cover fish aquariums before spraying.

When using this product as a space spray in food processing plants, food should be removed or covered during treatment. Do not apply as a space spray while food processing is underway. 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. Thoroughly wash all food processing surfaces before reuse. All surfaces in processing areas must be washed and rinsed with potable water after spraying.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Contact a physician if irritation persists.
IF INHALED: Remove affected person to fresh air. Apply artificial respiration if indicated.
IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water. Contact physician if irritation persists.
IF SWALLOWED: Contact a physician or Poison Control Center immediately.
DO NOT INDUCE VOMITING: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: This cylinder must be checked periodically. A defective cylinder should not be used. A cylinder that has parts missing, is plainly worn or distorted, should be replaced immediately. Store upright in a cool and dry area.

PESTICIDE DISPOSAL: Pesticide that cannot be used according to label instructions must be returned to the point of purchase in its original container.

CONTAINER DISPOSITION: This cylinder must not be disposed of in any manner. Cylinders must be returned to point of purchase for credit. All cylinders, valves and caps remain the property of the manufacturer. Federal regulations prohibit the refilling of cylinders without written consent of the manufacturer.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Keep from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130 °F. may cause bursting.

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

NET CONTENTS _____

LOT NO. _____

DIRECTIONS FOR USE

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

TURBOCIDE should be applied only with the appropriate high pressure gun and hose or through an approved automatic spray system.

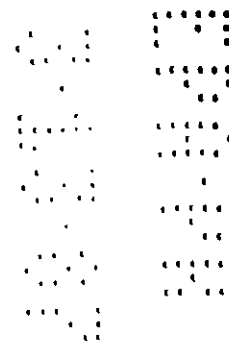
Two separate nozzle systems provide for accurate delivery of insecticide to assure economical control of insect pests. The low delivery rate gun (LDRG) operates at a discharge rate of 2.0 g/sec. (0.02 g of pyrethrins and 0.10 g of piperonyl butoxide). The high delivery rate gun (HDRG) operates at a discharge rate of 5.0 g/sec. (0.05 g of pyrethrins and 0.25 g of piperonyl butoxide). Proper selection of guns will allow both accurate and cost effective insect control.

An automatic timing device can also be coupled with a high delivery rate nozzle (5.0 g/sec.). This timer can be set to be activated at predetermined times to allow the nozzle to operate for the given amount of time for the area and insect pests to be treated.

The LDRG with the extended nozzle provides for use as a contact or surface spray as well as crack and crevice or void treatment.

To prepare your Turbocide cylinder for application follow directions supplied with each high pressure gun and hose. Open the cylinder valve. The cylinder is now ready for use. Upon completion of treatment reclose cylinder valve and relieve pressure in gun and hose.

Use of this product in food processing or food handling establishments (bakeries, beverage plants, canneries, dairies, food processing plants, hospitals, hotels, industries installations, meat packing plants, milkrooms, restaurants, schools, supermarkets and warehouses), should be confined to time periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before reusing. 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.



SPACE AND CONTACT SPRAY APPLICATION

To control accessible stages of:

Almond Moths	Crickets	Mosquitoes
Angoumois Grain Moths	Dark Mealworms	Red Flour Beetles
Ants	Drugstore Beetles	Rice Weevils
Boxelder Bugs	Earwigs	Sawtoothed Grain
Cadelles	Firebrats	Beetles
Cereal Beetles	Fleas	Scorpions
Cheese Mites	Flies	Silverfish
Cheese Skippers	Fruit Flies	Small Flying Moths
Chocolate Moths	Grain Mites	Spiders
Cigarette Beetles	Granary Weevils	Spider Beetles
Clothes Moths	Hide Beetles	Tobacco Moths
Clover Mites	Hornets	Vinegar Flies
Cockroaches	Indian Meal Moths	Wasps
Confused Flour Beetles	Mediterranean Flour Moths	Yellow Jackets
Yellow Meal Worms		

And the Following Greenhouse or Horticultural Pests:

Aphids	Mealy Bugs	Thrips
Cabbage Loopers	Omnivorous Leaf Rollers	Vegetable Leaf
Cabbage Worms	Red Spider Mites	Miners
Chrysanthemum Leaf	Spider Mites	White Flies
Miners		

USE AREAS

FOOD AND FEED PROCESSING AND HANDLING SITES

Bakeries, Beverage Plants, Bottling Plants, Breweries, Brewery Warehouses, Canning Plants, Dried Food Products in Storage or Processing, Egg Processing Plants, Flour Mills, Food Handling Establishments, Food Processing Plants, Fruit Packing Sheds, Grain Elevators, Grain Mills, Granaries, Grocery Stores, Meat Packing Plants, Milk Rooms, Mushroom Processing Houses, Peanut Warehouses, Poultry Plants, Rabbit Processing Plants, Restaurants, Rice Mills, Stored Food in Multi-Walled Paper or Cloth Bags, Supermarkets and Wineries.

COMMERCIAL TRANSPORTATION FACILITIES

Aircrafts, Boats, Buses, Freight Containers, Passenger Railroad Cars, Planes, Railroad Cars, Ships, Ships' Holds, Trains, Transportation Equipment, Trucks (Empty) and Truck Trailers.

PRIVATE OR COMMERCIAL DWELLINGS

Apartments, Cabins, Condominiums, Dwellings, Homes (Households), Hotels, Jails, Mobile Homes, Motels, Prisons, Recreational Vehicles (RV's) and Shelters for Homeless.

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ANIMAL SHELTERS

Animal Areas/Quarters, Cattle Barns, Dairy and Livestock Barns, Dog Kennels, Goat Houses, Horse Stables/Barns, Kennels, Loafing Sheds, Poultry Houses, Stables, Stable Bins, Research Animal Quarters, Swine Houses and Yards and Zoos.

NONRESIDENTIAL BUILDINGS

Churches, City Missions, Communication Centers, Drug Stores, Factories, Greenhouses, Industrial Installations, Institutions, Laboratories, Lathhouses, Libraries, Mausoleums, Mills, Museums, Office Buildings, Shade Houses, Shopping Malls, Stores, Textile Mills and Warehouses, Theaters, Tobacco Factories and Warehouses, Utility Rooms, Voids, i.e.: Attics, False Ceilings, Walls and Equipment Voids of the above Warehouses.

SCHOOLS AND DAY CARE CENTERS

Precautionary Note: Application is limited to only when these facilities are unoccupied. Keep children off treated surfaces until spray has dried.

HOSPICES, HOSPITALS AND NURSING HOMES

MISCELLANEOUS SITES

Campgrounds, Closets, Corrals, Drive-in Restaurants, Drive-in Theaters, Dumpsters, Feedlots, Garbage Compactors, Garbage Dumps, Golf Courses, Grain Harvesting/Handling Equipment, Junk Yards, Landscapes, Stable Bins, Locker Rooms, Manure Piles, Nurseries (Horticultural), Parks, Plantscapes and Sanitary Sewers (Manholes), Playgrounds, Storage Bins, Recreational Areas and Utilities.

Close doors and windows and shut off ventilating systems. Direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas to provide maximum penetration and impingement on the insects. Then apply as a space spray, directing the spray towards the ceiling and upper corners of the area and behind any obstructions.

Using the LDRG, apply at a rate of 2.5 seconds per 10,000 cubic feet of space.

Using the HDRG, apply at a rate of 5 seconds per 50,000 cubic feet of space.

For total clean-up of severe infestations of the above listed pests, apply as follows:

Using the LDRG, apply at a rate of 6.25 seconds per 1000 cubic feet of space.

Using the HDRG, apply at a rate of 2.5 seconds per 1000 cubic feet of space.

For all applications, keep area closed for at least one hour. Vacate the treated area and ventilate before reoccupying. Repeat treatment if necessary.

TREATMENT OF STORED FOOD AREAS

Foods in multi-walled bags or in cloth bags in warehouses, storage rooms, flour mills, grain elevators and granaries.

To control accessible adult stages of:

Cadelles	Cocoa Bean Moths	Red Flour Beetles
Cereal Beetles	Confused Flour Beetles	Rice Weevils
Cheese Mites	Copra Beetles	Sawtoothed Grain
Cheese Skippers	Dark Mealworms	Beetles
Cigarette Beetles	Grain Mites	Yellow Mealworms
Cockroaches	Granary Weevils	

Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose. As noted above, disperse Turbocide first by directing spray into cracks and crevices, corners, under pallets and around stacks or packaged goods - hitting as many insects as possible.

Using the LDRG, apply at a rate of 2 seconds per 100 square feet of floor space.

Using the HDRG, apply at a rate of 4 seconds per 1000 square feet of floor space.

Leave the treated areas closed for one hour. Do not remain in the treated area and ventilate before reentry. Repeat the application if necessary.

ANIMAL QUARTER USE (Cattle barns, horse barns, poultry houses, swine houses, kennels, zoos):

As a space spray to control Flies, Small Flying Moths, Mosquitoes and Gnats.

Using the LDRG, direct the spray above the animals and apply at a rate of 2.5 seconds per 10,000 cubic feet of space to be treated.

Using the HDRG, direct the spray above animals and apply at a rate of 5 seconds per 50,000 cubic feet of space to be treated.

Direct spray towards the upper portions of enclosure and fill the room with mist. Keep the area closed for at least 15 minutes. Applicator should vacate the area and ventilate before re-entering. Repeat treatment if reinfestation occurs. In zoos, prevent exposure of reptiles to the product. Do not treat or cause exposure of kittens or puppies under four weeks of age.

IN MUSHROOM PRODUCTION AND PROCESSING:

To control Mushroom Flies and Fungus Gnats.

In Growing Houses:

Using the LDRG, apply at the rate of 2.5 seconds per 10,000 cubic feet of space.

Using the HDRG, apply at the rate of 5 seconds per 50,000 cubic feet of space.

Guns should be discharged 8 to 10 feet away from the beds and directed slightly upwards over them. Circulating fans should be left in operation but for best results, refrigerators should be turned off.

In Packing and Canning Plants:

Using the LDRG, apply at the rate of 2.5 seconds per 10,000 cubic feet of space.

Using the HDRG, apply at the rate of 5 seconds per 50,000 cubic feet of space.

SURFACE SPRAY APPLICATION:

To control accessible stages of:

Ants	Dermestids	Millipedes
Boxelder Bugs	Drugstore Beetles	Palmetto Bugs
Centipedes	Earwigs	Pillbugs
Clover Mites	Firebrats	Silverfish
Cockroaches	Fleas	Spider Beetles
Crickets	Lice	Waterbugs

Using the LDRG with the extension nozzle, apply at the rate of 2 seconds per 100 square feet of floor space. Spray walls, floors and other surfaces of bins, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying, processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

FOR IN-TRANSIT PROTECTION: Clean and spray truck beds, boxcars, aircraft and ships' holds before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

STORED PRODUCT PROTECTION

To control accessible adult stages of:

Mediterranean flour moths, rice weevils, granary weevils, confused flour beetles, sawtoothed grain beetles, flat grain beetles, rusty grain beetles, square necked grain beetles, red flour beetles, cadelle beetles, angoumois grain moths, indian meal moths, almond moths and other flying and crawling insects listed on this label.

Using the LDRG, apply at the rate of 10 seconds per 10,000 cubic feet of space.

Using the HDRG, apply at the rate of 20 seconds per 50,000 cubic feet of space.

ON STORED GRAIN

Clean and destroy debris before treatments. Apply to the surface of binned grain. Also spray walls, floors and other surfaces of bins, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

Apply at monthly intervals with the first appearance of moths and continue until early fall. In severe infestations, break up webbing with a rake before spraying and make a second application in two weeks.

ON PEANUTS, NUTS, BEANS (including cocoa) SEEDS and COPRA in BULK or BAGS:

Clean and destroy debris before treatments. Apply to the surface of stored or bagged products. Also spray walls, floors and other surfaces of bins, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray by directing the spray toward the ceiling and upper corners of the area and behind any obstructions. Apply at weekly intervals for about 6 weeks and then at 15 day intervals.

Products shipped and stored in metal containers: Drill two 3/16 inch holes, per container, above the surface of bulk stored product. One in the upper right front, one in the upper right rear. Using the LDRG, apply a 0.5 second burst for each hole for 20 foot containers and 1 second each for 40 foot containers. Reseal holes between treatments.

ON FRUITS (FRESH AND DRIED) - MANGOES, GUAVA, PINEAPPLES, ORANGES, FIGS:

Clean and destroy debris before treatments. Apply as a space spray. Direct the spray toward the ceiling and upper corners over and around storage areas. Also, direct spray behind any obstructions. Apply at weekly intervals for about 6 weeks and then at 15 day intervals.

TREATMENT OF FLYING INSECTS' RESTING PLACES

To aid in the control of:

Mosquitoes, Small Flying Moths, Gnats, Wasps

Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places by following directions for surface spray application as described above.

Carpet Beetles: Spray directly on beetles, baseboards, floors, shelves and carpets. Treat both sides of rugs, carpets and pads and all exposed and accessible surfaces of overstuffed furniture. Use the LDRG in

combination with the extension nozzle and apply at a rate of 2 seconds per 100 square feet of floor space. Repeat treatment as necessary.

Bedbugs: Apply by using the LDRG in combination with the extension nozzle at a rate of 2 seconds per 100 square feet of floor space. Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, molding and floors. Allow treated fabric to dry thoroughly before using. Repeat treatment as necessary.

Fleas and Ticks: Apply by using the LDRG in combination with the extension nozzle at a rate of 2 seconds per 100 square feet of floor space. Spray sleeping quarters, bedding, floor and floor covering where pets are kept. Repeat as necessary. Use only a recommended pet spray on pets.

To Treat Animals: To protect beef and dairy cattle from attacks of stable flies, horse flies, deer flies, face flies, house flies, horn flies, mosquitoes the motile stages of blood sucking lice and gnats, spray using the LDRG in combination with the extension nozzle at a rate of 2 seconds per 100 square feet or about 0.5 seconds on each side being careful to spray back, withers and forelegs thoroughly. To protect from face flies, spray the face and head, but do not spray into the eyes. Repeat treatment as necessary when flies are troublesome.

OUTDOOR USE

FOR TEMPORARY REDUCTION OF:

Houseflies, Gnats, Mosquitoes, Black Flies

For use in drive-in theaters, drive-in restaurants, golf courses, urban areas, parks, playgrounds and other recreational areas. Direct the spray into tall grass and around lawns where these pests may hover or rest. Apply while the air is still and avoid wetting foliage. Application should be made prior to use. Repeat as necessary.

In the treatment of corrals, feedlots, swine lots and zoos, cover any exposed water, drinking fountains and animal feed before application. Fill the area with mist and direct the spray into tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. Repeat application when necessary. In zoos, prevent exposure of reptiles to the product.

Sanitary Sewers (Manholes): Cockroach and mosquito infestations may be treated by inserting the HDRG through the vent hole in manhole covers and discharging for 15 seconds. When treating sewers, one manhole per 200 feet of line should be treated.