



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

11556-112

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

171 / 479686
171 / 484708

Term of Issuance:

Unconditional

Name of Pesticide Product:

Countdown EC Premise Insecticide

Name and Address of Registrant (include ZIP Code):

Miles, Inc.
PO Box 390
Shawnee Mission, KS 66201-0390

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 unconditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 11556-112".
 - b. The front panel lists in and around livestock premise however the product is labelled for use on sites other than livestock premises. Expand front panel to identify appropriate use sites.
 - c. Delete the phrase "For Terrestrial Uses" under Environmental Hazards paragraph.
 - d. Qualify the site greenhouses with "noncommercial" to avoid compliance with the Worker Protection Standard.
 - e. The tank-mixing instructions are too open-ended. Either delete or revise in accordance with PR Notice 82-1.
 - f. Under "Food/Feed Handling Establishment Applications" add the following paragraphs from the Tempo 2 label: **General Surface Application** and **Spot, Crack, and Crevice Application**.

Signature of Approving Official:

Date:

Delbert 4-3-78

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- g. Use in food handling establishments can imply use in the United States Department of Agriculture (USDA) Meat and Poultry Plants. Therefore, either add the statement "**Not for Use in USDA Meat and Poultry Plants**" or submit an application to USDA requesting these areas. If granted you can then indicate on the label that the product can be used in these areas.
- h. Remove "pets" from "Cattle, horses, and pets may be present at time of treatment." If possible, pets should be removed during pesticide application (premise, crack and crevice, etc., not relevant for direct application to pets).

3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

George T. LaRocca
Product Manager 13
Insecticide & Rodenticide Branch
Registration Division (H7505C)

(FRONT PANEL)

COUNTDOWN EC PREMISE INSECTICIDE™
FOR AGRICULTURAL OR COMMERCIAL USE ONLY

**For Broad-Spectrum Control of Crawling and Flying Pests
In and Around Livestock Premises**

Active Ingredient	<u>Percent By Weight</u>
Cyfluthrin; cyano(4-fluoro-3-pi.enoxyphenyl)methyl- 3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxyla'e	24.3%
Inert Ingredients	<u>75.7%</u>
	100%

(This product contains xylene-range, aromatic petroleum solvents)

Contains 2 pounds cyfluthrin per gallon.

EPA Est. No. - TBD

EPA Reg. No. 11556 - TBD

NET CONTENTS: 240 MILLILITERS (8.11 oz)

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

WARNING

(See Rear Panel for Statements of Practical Treatment
and Other Precautionary Statements)

Miles Inc.
Agriculture Division
Animal Health Products
P.O. Box 390
Shawnee Mission, Kansas 66201, USA

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 3 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

11556-112

(REAR PANEL)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May cause eye injury. Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or spray mist. Wear safety glasses, goggles or a face shield when handling the undiluted material and wear a respirator when making general surface, overhead applications.

Do not contaminate feed or food. Keep out of reach of children.

Wash thoroughly with soap and warm water after handling. Remove contaminated clothing and wash before reuse.

STATEMENTS OF PRACTICAL TREATMENT

If in eyes: Hold eyelids open and flush with plenty of water. Get medical attention.

If swallowed: Call a physician or Poison Control Center. Do not induce vomiting. Vomiting may cause an aspiration hazard. If on skin: Wash thoroughly with soap and water. Get medical attention if irritation occurs.

NOTE TO PHYSICIAN: Treat the patient symptomatically taking into consideration that this formulation contains 34% aromatic petroleum distillates.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors when such containers are present. For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

Apply this product only as specified on this label.

(REAR PANEL cont'd)

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions for Use before using **COUNTDOWN EC PREMISE INSECTICIDE**. Do not apply directly to animals, feed, food, or watering equipment.

GENERAL INFORMATION

COUNTDOWN EC PREMISE INSECTICIDE concentrate is a liquid formulation containing 2 pounds of active ingredient per gallon, which will provide effective knockdown and residual control of the pests listed in this label.

Mix 16 milliliters of **COUNTDOWN EC PREMISE INSECTICIDE** in one gallon of water to make a dilution of 0.1% active ingredient concentration.

COUNTDOWN EC PREMISE INSECTICIDE is intended for use as a general surface, spot or crack and crevice application for pest control in and around buildings and structures and their immediate surroundings. Permitted areas of use include, but are not limited to, cattle (including dairy) barns, feedlots, horse stables, corrals, livestock housing structures, swine houses, pet kennels, poultry houses, meat, poultry and egg processing and packing plants, milk rooms, dairy product processing plants, grain mills, granaries, greenhouses, pickle factories, meat and produce canneries and warehouses.

COUNTDOWN EC PREMISE INSECTICIDE applications are permitted in all areas of food and/or feed handling facilities. Food and/or feed handling facilities are defined as places other than private residences in which exposed food and/or feed is held, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food and/or feed. Cover exposed food and/or feed or remove from area being treated.

COUNTDOWN EC PREMISE INSECTICIDE is intended to be mixed with water and applied with hand-pressurized or power-operated sprayers. Spray pressure should not exceed 50 psi at the nozzle tip. Add the appropriate amount of product when filling container with water, shake or agitate as necessary to mix. Diluted spray mixture can be stored overnight and applied the following day; however, mixture should be agitated well prior to application to prevent the uneven distribution of product. Before leaving spray mixture unagitated for an extended period of

(REAR PANEL cont'd)

time, release tank pressure and elevate nozzle and hose above tank outlet, activate trigger and drain all suspension from hose back into spray tank. Retighten spray tank lid and do not repressurize until starting spray again.

COUNTDOWN EC PREMISE INSECTICIDE will not stain or cause damage to any painted or varnished surface, plastic, fabric or other surface where water applied alone causes no damage.

TANK MIXING: The user, at his discretion, can tank mix pesticides currently registered for similar use patterns, unless the product labels specifically prohibit such use. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank mixing.

INSTRUCTIONS FOR USE

GENERAL SURFACE APPLICATION

Mix 16 milliliters of **COUNTDOWN EC PREMISE INSECTICIDE** per 1000 sq. ft. in sufficient water to adequately cover the area being treated but which will not allow dripping or run-off to occur (See Note). Use a low pressure system (less than 50 p.s.i.) with a fan-type nozzle to uniformly apply the dilution.

Applications can be made to walls, floors, ceilings, in and around cupboards, between, behind and beneath equipment, appliances, around floor drains, window and door frames, and on the underside of shelves, drawers and in similar areas. Applications may be made to floor surfaces along walls and around air ducts, however, do not treat entire area of floor or floor coverings. All food processing surfaces and utensils should be covered or thoroughly washed following treatment. Cover exposed food or remove from area being treated. Re-application can be made at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas. It is recommended to wear safety glasses, goggles or face shield and a respirator when making a general surface treatment to overhead areas.

Cattle, horses, and pets may be present at time of treatment. When used in poultry and swine houses, do not apply while animals are present.

(REAR PANEL cont'd)

Note: Volume of Water Applied to a Vertical Surface to Attain Appropriate Coverage

<u>Type of Surface</u>	<u>Qts.</u> <u>/1000</u> <u>Sq. Ft.</u>	<u>Gals.</u> <u>/1000</u> <u>Sq. Ft.</u>
Ceramic Tile (Glazed)	0.75	0.2
Stainless Steel	0.75	0.2
Latex Painted Plywood (Semigloss)	4.0	1.0
Masonite (Smooth)	6.3	1.5
Unpainted Plywood	11.0	2.7
Unpainted Particle Board	11.7	3.0
Cement Block (Semigloss Latex)	12.5	3.2
Cement Block (Unfinished)	145.5	36.3

SPOT, OR CRACK AND CREVICE APPLICATIONS

Mix 16 milliliters of **COUNTDOWN EC PREMISE INSECTICIDE** in one gallon of water to make a 0.1% active ingredient concentration. Use a low pressure system with a pin-point or variable pattern nozzle to apply the suspension in specific areas such as: cracks and crevices in or behind baseboards, in floors, walls, expansion joints, areas around water and sewer pipes, wall voids, or voids in table legs and equipment where pests can hide as well as other similar areas. Spot treatments may also be made to areas including but not limited to storage areas, closets, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, the underside of shelves, drawers and similar areas. **COUNTDOWN EC PREMISE INSECTICIDE** can be reapplied at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas.

FOOD/FEED HANDLING ESTABLISHMENT APPLICATIONS

COUNTDOWN EC PREMISE INSECTICIDE applications are permitted in both food/feed and on-food areas of food/feed handling establishments as a general surface, spot, or crack and crevice treatment. Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing system (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas.

(REAR PANEL cont'd)

INDOOR PEST CONTROL

CRAWLING INSECT PEST CONTROL

For general household pests and occasional invaders make applications in a manner as previously described under General Surface, Spot, or Crack and Crevice Application. Particular attention should be given to treating entry points and harborage areas.

For pantry pest control of exposed adult and immature stages of insects, make application to cupboards, shelving and storage areas. Particular attention should be given to treating cracks and crevices and other harborage areas. Remove all utensils, uncovered foodstuffs (or any with package opened), shelf paper and other objects before spraying. Allow treated surfaces to dry and cover shelves with clean paper before replacing any utensils, foodstuff or other items. Any foodstuff accidentally contaminated with spray solution should be discarded.

For stored product pest control of exposed adult and immature stages of insect pests, apply to cracks, crevices, and other surfaces where the pests have been seen or has harborage. Treat warehouses, production facilities, storage areas, and other areas where products are stored before filling with the product. **COUNTDOWN EC PREMISE INSECTICIDE** may be used by pest control operators and grain producers to treat grain storage facilities and other areas noted above for stored product pest control. Cleaning all areas prior to use of **COUNTDOWN EC PREMISE INSECTICIDE** will increase levels of control. Any foodstuffs infested with pests should be removed and destroyed.

For use by pest control operators or livestock producers in livestock housing structures (including poultry houses) and pet kennels to control crawling and flying insect pests. Apply as a general surface and/or a crack and crevice spray. Control will be enhanced when facilities are cleaned and interior applications are supplemented with exterior perimeter treatments. Cattle, horses and pets may be present during treatment. When used in poultry and swine houses, do not apply while animals are present. Do not make applications to animal feedstuffs or water equipment.

FLYING INSECT PEST CONTROL (General Surface Spray)

For control of flying insects indoors make application to surfaces as directed under Directions For Use, where the pests collect or rest. Do not apply as a "space spray" application.

(REAR PANEL cont'd)

OUTDOOR PEST CONTROL

For control of flying insects outdoors use a 0.1% concentration and make applications to outside surfaces of buildings, porches, patios, garages and other areas where these pests have been seen or found. Use a 0.1% concentration and make pin stream applications directly to the nests of wasps, yellow-jackets and hornets.

For perimeter pest control, make a general surface application to outside surfaces of buildings, porches, patios, garages and other adjacent areas where pests have been seen or found. To help prevent infestations of buildings by occasional invaders, treat soil, turf or other substrates adjacent to buildings, the building foundation, walls, around doors and windows, soffit areas where these pests are active and may find entrance or harborage.

For aid in control of the imported red fire ant, use a 0.1% concentration of COUNTDOWN EC PREMISE INSECTICIDE and thoroughly drench or inject the entire mound showing activity to provide contact control of the adult fire ants. COUNTDOWN EC PREMISE INSECTICIDE will provide contact activity and residual repellency in the active mound.

When using the injection treatment method for control of the imported red fire ant it is essential that treatment be made to the bottom of the active mound. Apply suspension throughout the downward and upward motion of the injector tool. Multiple injection sites may be needed to ensure complete distribution of the suspension throughout the active mound.

Do not use COUNTDOWN EC PREMISE INSECTICIDE to treat fire ant mounds in any food crop production area, pasture or area where food crop production may occur.

COUNTDOWN EC PREMISE INSECTICIDE

PESTS CONTROLLED BY COUNTDOWN EC PREMISE INSECTICIDE

I. INDOOR PREMISE PESTS

1. Crawling Pests

- Ants (except Pharaoh)
- Bedbugs
- Carpet beetle
- Centipedes

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Cockroaches
 American
 Asian
 German
 Oriental
 brown-banded
 smoky brown

Crickets
Darkling beetles
Earwigs
Firebrats
Millipedes
Pillbugs
Silverfish
Sowbugs
Spiders

2. **Flying Pests**

Clothes moths
Flies
Gnats
Midges
Mosquitoes
Moths
Yellow-jackets
Wasps

3. **Pantry & Stored Product Pests**

Beetles (exposed adults & immature stages)
Cadelle
Cigarette
Confused flour
Dermestid
Drug-store
Granary weevil
Hide
Larder
Leather
Lesser grain borer
Lesser mealworm

Reason to Issue: Initiate EPA product label

Date: 2/14/95
Supersedes: 1/23/95
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- Merchant grain
- Mealworm
- Red flour
- Rice weevil
- Sawtoothed grain
- Warehouse
- Moths
 - Indian meal
 - Mediterranean flour

II. FOOD PROCESSING PESTS

(Same crawling & flying pests, pantry stored product pests as for INDOOR PREMISE) and

- Fruitflies
- Phoridflies
- Sciaridflies

III. OUTDOOR/PERIMETER PESTS

- Ants
- Bees
- Boxelder bugs
- Carpenter ants
- Cecidflies
- Centipedes
- Clusterflies
- Cockroaches
- Crickets
- Elm leaf beetle
- Fire ants
- Firebrats
- Flies
- Fleas
- Gnats
- Ground beetles
- Hornets
- Imported red fire ants
- Midges
- Millipedes
- Mosquitoes
- Moths
- Scorpions

(REAR PANEL cont'd)

Silverfish
Spiders
Ticks
Wasps
Yellow-jackets

- For **GENERAL SURFACE APPLICATION**, use 16 milliliters of **COUNTDOWN EC PREMISE INSECTICIDE** per 1000 sq. ft. in sufficient water to adequately cover the area being treated.
- For **SPOT, OR CRACK AND CREVICE APPLICATIONS**, Mix 16 milliliters of **COUNTDOWN EC PREMISE INSECTICIDE** in one gallon of water to make a 0.1% active ingredient concentration.

STORAGE AND DISPOSAL

Not for Storage In or Around the Home

Pesticide Disposal:

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

Pesticide wastes are hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

Do not use container in connection with food, feed, or drinking water. Completely empty container into application equipment. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(REAR PANEL cont'd)

Storage:

Store in cool, dry place and in such a manner as to prevent cross-contamination with other pesticides, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, use an absorbent material and carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away.

Limited Warranty and Limitation of Damages

Miles Inc., Animal Health Products, warrants that this material conforms to the chemical description on this label. MILES INC., ANIMAL HEALTH PRODUCTS, MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Miles Inc., Animal Health Products, is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.