

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

EPA REGISTRATION

DATE OF ISSUANCE

SEP 28 1989

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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161 / 254,491  
18 / 2

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 indorsement 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.

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

*[Signature]*

9/28/89

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.



Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (E7505C)

Enclosures

BE RELEASABLE COPY

EPAFS 3050-TL  
COYNE 109

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, 1974, this pesticide  
registered under EPA Reg. No. 32574

### **PRECAUTIONARY STATEMENTS Hazards To Humans and Domestic Animals**

Do not get in eyes, or on skin or clothing. Wear goggles or safety glasses while mixing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Do not apply directly to food, water or feed supplements. Do not apply directly to animals.

**Official establishments operating under the Federal Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Program:** Before using this product, exposed food products and packaging materials must be removed or protected. After using this product, facilities, equipment, and utensils must be washed with an effective cleaning compound and thoroughly rinsed with potable water after spraying. Before food products may be placed back into the area where this product has been used, the area should be sufficiently free of odor to prevent product contamination.

When using this product in animal housing areas, do not apply as a coarse surface spray directly on food, water or feed supplements.

Do not apply as a coarse surface spray directly on animals.

### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

### **PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

### **STORAGE AND DISPOSAL**

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

**Storage:** Store in a cool, dry place away from heat or open flame. Store on a solid, level surface in an upright position. Keep container closed when not in use. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, filler's earth, etc. Dispose of waste at an approved waste disposal facility.

**Pesticide Disposal:** Pesticide, spray mixture or rinsate may be disposed of on site according to label instructions, or at an approved waste disposal facility.

**Container Disposal:** Triple Rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

SPECIMEN LABEL - FRONT PANEL

**PROTECTICIDE™**  
**COYNE FORMULA 109**

**Effective, Fast Acting  
PROTECTICIDE™ Insecticide Provides  
Flushing Action, Quick Knockdown  
and Superior Kill. Specifically  
Designed for Use In and Around  
Poultry Houses as a Space,  
Area or Contact Spray.**

Authorized by USDA for use in edible  
product areas of official establishments  
operating under the Meat, Poultry, Shell  
Egg Grading and Egg Products  
Inspection Program.

ACTIVE INGREDIENTS:

Pyrethrins .....	0.1%
*Piperonyl Butoxide, Technical .....	1.0%
INERT INGREDIENTS: .....	<del>98.9%</del>
TOTAL .....	100.0%

\*Equivalent to 0.80% (butylcarbityl)(6-propylpiperonyl) ether and  
0.20% related compounds.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or poison control center  
immediately. Because of aspiration potential do not induce  
vomiting unless under direct medical supervision. Do not  
induce vomiting or give anything to an unconscious person.

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

**IF ON SKIN:** Remove contaminated clothing and wash af-  
fected areas with soap and water.

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

**SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

**AVISO**

**PRECAUCION AL USUARIO**

Si usted no inglé's, no use este producto hasta que la etiqueta  
le haya sido explicada ampliamente.

**PROTECTICIDE** is a trademark of Cardinal Chemical Com-  
pany Inc. All rights reserved.

EPA Reg. No. 3050-  
EPA Est. No. 3050-CA-1

Coyne Chemical Company  
11358 Sunrise Gold Circle  
Rancho Cordova, CA 95742

EPHFS 3050-TL  
COYNE 109

## **DIRECTIONS FOR USE**

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

**DO NOT USE THIS PRODUCT IN OR ON ELECTRICAL EQUIPMENT DUE TO THE POSSIBILITY OF SHOCK HAZARD.**

**General:** This Product has been specifically designed for indoor and outdoor use in, around the perimeter of, and outside of poultry houses. For use undiluted or diluted with water and applied as a space spray with cold aerosol generators (ULV), automatic spraying systems, and hand held mechanical foggers or misters. Also for use undiluted or diluted with water and applied as a wet surface spray with mechanical misting equipment or compressed air sprayers.

This product should be used in, around the perimeter of, and outside of poultry houses as a space or surface spray for the control of, but not limited to, exposed stages of the following insects:

Ants, Hornets, Brown Dog Ticks, Horn Flies, Cockroaches, Horse Flies, Crickets, House Flies, Darkling Beetles, Lice, Deer Flies, Mites, Earwigs, Mosquitoes, Face Flies, Silverfish, Fannia Flies, Scorpions, Firebrats, Small Flying Moths, Fleas, Spiders, Flies, Stored Product Moths, Fruit Flies, Wasps, Fungus Gnats, Yellow Jackets, and other similar insects.

### **Dilution Instructions:**

Dilute this product just prior to use as follows:

0.05% Pyrethrins - Add 1 part Concentrate to 1 part water.

## **INDOOR USE**

### **Space Spray Application**

**BEST AVAILABLE COPY**

**In poultry houses and poultry ranch equipment and tool sheds as a space spray, undiluted or diluted and applied with conventional ULV cold aerosol generators, automatic spraying systems, and hand held mechanical foggers or misters, for the control of, but not limited to, exposed stages of the following insects:**

Ants, Hornets, Brown Dog Ticks, Horn Flies, Cockroaches, Horse Flies, Crickets, House Flies, Darkling Beetles, Lice, Deer Flies, Mites, Earwigs, Mosquitoes, Face Flies, Silverfish, Fannia Flies, Scorpions, Firebrats, Small Flying Moths, Fleas, Spiders, Flies, Stored Product Moths, Fruit Flies, Wasps, Fungus Gnats, Yellow Jackets, and other similar insects.

Whenever possible, space spray application should be made in the late evening when insects are at rest. Use a conventional ULV cold aerosol generator, thermal fogger, or fogger adjusted to deliver aerosol size droplets. Close poultry house as tightly as possible. Apply at a rate of 1-2 ounces per 1000 cubic feet of space above the birds. Direct spray toward the upper portions of the enclosure above the birds, filling the barn with mist or fog. For best results, keep area closed for at least 25-30 minutes after treatment. Vacate treated area and ventilate before reentering. Repeat treatment if infestation reoccurs.

EPA FS 3050-TL  
COYNE 109

Facilities, equipment, and utensils in official establishments operating under the Federal Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Program, must be washed with an effective cleaning compound and rinsed with potable water after spraying.

## OUTDOOR USE

### Space Spray Application

For use outside of and around the perimeter of poultry houses and poultry ranch equipment and tool sheds as a space spray, undiluted or diluted and applied with conventional ULV cold aerosol generators, automatic spraying systems, and hand held mechanical foggers or misters, for the control of, but not limited to, exposed stages of the following insects:

Ants, Hornets, Brown Dog Ticks, Horn Flies, Cockroaches, Horse Flies, Crickets, House Flies, Darkling Beetles, Lice, Deer Flies, Mites, Earwigs, Mosquitoes, Face Flies, Silverfish, Fannia Flies, Scorpions, Firebrats, Small Flying Moths, Fleas, Spiders, Flies, Stored Product Moths, Fruit Flies, Wasps, Fungus Gnats, Yellow Jackets, and other similar insects.

Whenever possible, space spray application should be made in the late evening when insects are at rest. Apply when there is a light breeze approximately 5 miles per hour. Spray from the windward side so the mist or fog will be carried across the area to be treated. Outside treatment includes, but is not limited to, such areas as undersides of eaves, around farm equipment, above and around exposed manure piles, in and around shrubbery and vegetation, stagnant pools, marshy areas and other similar places where insects may rest or hide. Apply at a rate of 1-2 ounces per 1000 cubic feet. Repeat treatment if infestation reoccurs.

## INDOOR/OUTDOOR USE



### Surface Spray Application for Crawling Insects

For use as a surface spray, undiluted or diluted and applied with mechanical misting equipment or compressed air sprayers in, around the perimeter of, and outside of poultry houses and poultry ranch equipment and tool sheds for the control of, but not limited to, exposed stages of the following crawling insects:

Ants, Brown Dog Ticks, Cockroaches, Crickets, Darkling Beetles, Lice, Mites, Earwigs, Silverfish, Scorpions, Firebrats, Fleas, Spiders, and other similar insects.

Apply as a coarse, wet surface spray including, but not limited to such areas as trails, harborage areas, interior walls, exterior walls, nests, points of entry, dumpsters, tool sheds, gate houses, cracks and crevices, ranch equipment, beams, trash cans, ceilings, behind equipment, moldings, doors, around window frames, undersides of eaves, rafters, foundations, tractors, electric carts, manure piles, poultry hauling equipment, building foundations and similar insect hiding places. Spray liberally contacting as many insects as possible. Repeat treatment if infestation reoccurs.

EPAPS 3050TL  
COYNE 109

### **Surface Spray Application for Resting Flying Insects**

**For use as a surface spray, undiluted or diluted and applied with mechanical misting equipment or compressed air sprayers in, around the perimeter of, and outside of poultry houses and poultry ranch equipment and tool sheds for the control of, but not limited to, exposed stages of the following resting flying insects:**

Hornets, Horn Flies, Horse Flies, House Flies, Deer Flies, Mosquitoes, Face Flies, Fannia Flies, Small Flying Moths, Flies, Stored Product Moths, Fruit Flies, Wasps, Fungus Gnats, Yellow Jackets, and other similar insects.

Whenever possible, surface application should be made in late evening when insects are at rest. Apply as a coarse, wet surface spray including, but not limited to such areas as trails, harborage areas, interior walls, exterior walls, nests, points of entry, dumpsters, tool sheds, gate houses, cracks and crevices, ranch equipment, beams, trash cans, ceilings, behind equipment, moldings, doors, around window frames, undersides of eaves, rafters, foundations, tractors, electric carts, manure piles, poultry hauling equipment, building foundations, and similar insect hiding places. Spray liberally contacting as many insects as possible. Repeat treatment if infestation reoccurs.

**WARRANTY STATEMENT:** Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product is beyond the control of the manufacturer. No guarantee, expressed or implied, is made as to the effect of such or the results to be obtained if not used in accordance with the directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such or in combination with other materials.