

4816-416

7/20/1973

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**ACCEPTED**

**JUL 20 1973**

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTER-  
ED UNDER NO. .... SUBJECT  
TO ATTACHED COMMENTS.

4816-416

**CODE  
750.10**

**PYRENONE®**

# INDUSTRIAL SPRAY

**EMULSIFIABLE CONCENTRATE**

EPA Reg. No. 4816-416

**A FOOD INDUSTRY INSECT SPRAY**

May be diluted with either water or oil

Approved for Use in All Departments  
of Official Establishments Operating  
Under the Meat, Poultry, Shell Egg  
Grading and Egg Products Inspection  
Programs.

Provides Rapid Kill of Insects Named Without Objectionable  
Residues.

The Insecticidal Components (Piperonyl Butoxide and Pyre-  
thrins) are Classified as Food Additives and When This Pro-  
duct is Used as Directed, Allowable Tolerance Levels will  
not be Exceeded.

**ACTIVE INGREDIENTS:**

- Pyrethrins ..... 1.0%
- Piperonyl Butoxide, Technical\* ..... 10.0%
- Petroleum Distillate ..... 79.0%

**INERT INGREDIENTS: ..... 10.0%**

\*Equivalent to 8.0% of (butylcarbtyl) (6-propylpiperonyl)  
ether and to 2.0% of related compounds.

**CAUTION**  
**KEEP OUT OF REACH OF CHILDREN.**

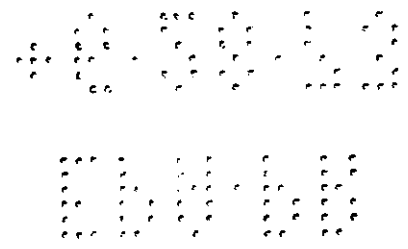
SEE SIDE PANEL FOR ADDITIONAL CAUTIONS

**Net Contents      1 Gallon**

PYRENONE - Registered Trademark of FMC Corporation

*Manufactured by*

**FMC CORPORATION  
AGRICULTURAL CHEMICAL DIVISION  
MIDDLEPORT, NEW YORK 14105**



USE PRECAUTIONS

The use of this product in food processing plants should be confined to time periods when the plant is not in operation. Foods should be removed or covered before treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

Remove any birds, pets or fish aquarium before spraying.

When diluting with water, prepare only the amount needed for immediate use. Holding a water dilution more than 24 hours is not recommended. Agitate occasionally. For oil dilutions, a deodorized petroleum oil is recommended.

Vacate premises after treatment and ventilate before reoccupying. Sweep up and remove dead insects.

Repeat treatment when reinfestation occurs.

DIRECTIONS

For maximum effectiveness, a combination of localized surface application and space treatment is recommended.

AS A SURFACE SPRAY: For initial clean up of severe insect infestations, dilute at a rate of 1 part concentrate in 4 parts water or oil. This dilution may not be used in edible product areas of federally inspected meat and poultry plants. In these plants and for normal infestations, dilute 1 part concentrate in 9 parts water or oil.

To control roaches, ants, silverfish, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, saw-toothed grain beetles, spider beetles, cigarette beetles, Drugstore beetles, meal worms, grain mites and cadelles: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers. For silverfish, spray bookcases. For ants, spray trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

To control carpet beetles, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving. Repeat treatment as needed.

To control bedbugs: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, mouldings and floors. Repeat treatment as needed.

To control fleas and brown dog ticks: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, mouldings, window and door frames and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Concurrent treatment of animals with an approved insecticide is recommended. Repeat treatment as needed.

AS A SPACE SPRAY: Dilute at a rate of 1 part concentrate to 19 parts water or oil. Apply with mechanical or compressed air equipment (non-thermol) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. For rapid control of flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, and tobacco moths: direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for at least 10 minutes. Ventilate and sweep up dead insects before re-occupying.

VAPOR SPRAY: For rapid kill of exposed or accessible stages of the insects named on this label, dilute 1 part concentrate to 1 to 9 parts water or oil. Apply using conventional mechanical or compressed air equipment (not thermal), following directions for space spraying. Apply the above dilutions at ratio from 1 to 10 ounces per 1000 cubic feet of space.

When used in meat and poultry processing plants, a dilution of no less than 1 to 1 (50%) is acceptable and it must be dispersed from equipment adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns.)

CAUTION: Harmful if swallowed.

This product is toxic to fish. Keep out of lakes, streams, and ponds. Do not contaminate water supplies by cleaning of equipment or disposal of wastes.

Apply this product only as directed on the label.

This container may be reused after thorough cleaning.

