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407-409 1/3
12-31-89

Front Panel

**IMPERIAL
PYRENONE®
MULTI-PURPOSE SPRAY**

**A Concentrated PYRENONE®
Micro Emulsion**

**Clear - Stable - Leaves No Oily or
Objectionable Residues**

Effective, Fast Acting Insecticide

**For Use in Homes, Institutions, Restaurants
Food Processing Plants, Dairies, Livestock and
Outdoors for Mosquito Control**

**Apply with Conventional Mechanical or
Compressed Air Equipment**

ACTIVE INGREDIENTS:

Pyrethrins	0.1%
*Piperonyl Butoxide, Technical	1.0%
INERT INGREDIENTS:	98.5%
Petroleum Distillate	<u>0.4%</u>
Total	100.0%

*Equivalent to 0.8% (butylcarbityl) (6-propylpiperonyl) ether and 0.2% related compounds.

PYRENONE® - Registered Trademark of Fairfield American Corp.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS 1 QUART

EPA Reg. No. 407-409
EPA Est. 407-IA-1

K-82-84-1

**Manufactured by
IMPERIAL INC.
SHENANDOAH, IA 51601**

**Not Reviewed. Registrant claims to be in accordance with
Registration of Pesticide Products - Guide for Pesticide
Registration, Page 2-13, Appendix 2, Section 2.1.1.**

2

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists.

Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is under way. After space spraying in food processing plants, wash with potable water all equipment, benches, shelving, etc., where exposed food will be handled. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use.

Remove pets and birds, and cover fish aquariums before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of waste.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Store in original container, in a cool, dry, secure area away from fertilizer, food, or feed. Keep container closed. Do not transport or store under 32°F.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

CONTAINER DISPOSAL: Triple rinse (or equivalent). The offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

INDOOR APPLICATION

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

Vacate treated areas and ventilate before reoccupying.

For maximum effectiveness a combination of spot surface treatment and fogging is recommended.

SURFACE SPRAYING: 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, drug-store beetles, meal worms, grain mites and cadelles: Use a good sprayer adjusted to a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers or 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 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 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 entire 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.

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 clothes moths: Remove any infested articles from storage, brush thoroughly and air for 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.

SPACE SPRAYING: Close doors and windows and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. 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 throughout the entire area at a rate of 3 - 6 ounces per 1,000 cubic feet of space.

FOGGING: To kill exposed or accessible stages of the above named crawling insects use a rate of one gallon to 20,000 to 40,000 cubic feet of space. Contact insects directly whenever possible.

ON ANIMALS: To protect cattle and horses from horn flies, house flies, mosquitoes and gnats apply a light mist sufficient to wet the surface of the hair. To control stable flies, horse flies, and deer flies apply at a rate of 2 ounces per adult cow or horse sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

To control blood-sucking lice, apply to the infested areas of the animal using a stiff brush to get the spray to the base of the hair. Repeat every 2 to 3 weeks if required.

OUTDOOR APPLICATION

ADULT MOSQUITO CONTROL: Apply as a fine mist to thoroughly treat the entire area. For best results treat when the wind velocity does not exceed 5 miles per hour. Treat shrubbery or vegetation where mosquitoes may rest, low marshy places, stagnant pools or ponds and shore lines. Apply at a rate of 1 gallon per acre (4 ounces per 1,000 square feet).

Using truck-mounted conventional misting equipment such as Rotomist models 51C91 or 100HT traveling at 5 m.p.h. to treat a 300 foot swath, calibrate equipment to deliver 45 gallons per minute.

NOTICE

Buyer assumes all risks of use, storage or handling of this product in strict accordance with directions given herewith.