



**ACCEPTED**

MAY -4-2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 73049-269

# PYRENONE®

## GENERAL PURPOSE SPRAY

- PYRENONE GENERAL PURPOSE SPRAY IS AN EFFECTIVE, FAST-ACTING INSECTICIDE THAT KILLS THE ACCESSIBLE OR EXPOSED STAGES OF: ANTS, BEDBUGS, CHEESE MITES, CLOVER MITES, COCKROACHES, CRICKETS, FLYING MOTHS, FRUIT FLIES, GNATS, HORNETS, HOUSEFLIES, MOSQUITOES, SCORPIONS, SILVERFISH, SPIDERS AND WASPS
- PYRENONE GENERAL PURPOSE SPRAY CONTROLS MANY COMMON STORED PRODUCT PESTS: ANGOUMOIS GRAIN MOTHS, GRAIN MITES, RICE WEEVILS, CARPET BEETLES, GRANARY WEEVILS, RUST-RED FLOUR BEETLES, CHEESE SKIPPERS, INDIAN MEAL MOTHS, SAW-TOOTHED GRAIN BEETLES, CIGARETTE BEETLES, MEAL WORMS, SPIDER BEETLES, CONFUSED FLOUR BEETLES, MEDITERRANEAN FLOUR, TOBACCO MOTHS, DRUGSTORE BEETLES, MOTHS
- PYRENONE GENERAL PURPOSE SPRAY IS HIGHLY USEFUL FOR INSECT CONTROL IN RESIDENCES, INSTITUTIONS, PUBLIC BUILDINGS, HOSPITALS, HOTELS, RESTAURANTS, STORES, THEATERS, FOOD PROCESSING PLANTS, BAKERIES, GRAIN MILLS, DAIRIES, BREWERIES, BOTTLING PLANTS, WAREHOUSES, TRUCKS AND OTHER SITUATIONS WHERE AN INSECTICIDE WITH A HIGH DEGREE OF EFFECTIVENESS IS REQUIRED
- WHEN USED AS DIRECTED, ALLOWABLE TOLERANCE LEVELS IN FOOD WILL NOT BE EXCEEDED
- CONTAINS PYRETHRINS, A BOTANICAL INSECTICIDE
- CONTAINS PYRETHRINS COMBINED WITH [PIPERONYL BUTOXIDE] [BUTACIDE®] TO GIVE RAPID [FLUSH-OUT AND] KNOCKDOWN WITH EXTENDED KILLING POWER
- PYRETHRINS RAPIDLY [EXPELS] [FLUSHES OUT] AND KNOCKS DOWN BUGS [ROACHES] [INSECTS] FROM CRACKS AND CREVICES [THEIR HIDING PLACES]
- PYRETHRINS INSECTICIDE [IS] MADE FROM [CHRYSANTHEMUM] FLOWERS
- SPECIALLY FORMULATED [DESIGNED] TO [PROVIDE FAST AND EFFECTIVE] KILL [OF] CRAWLING AND FLYING [PESTS][INSECTS]

**ACTIVE INGREDIENTS:**

Pyrethrins . . . . .	0.15%
Piperonyl Butoxide . . . . .	1.50%
<b>OTHER INGREDIENTS:</b> . . . . .	<b>98.35%</b>
	<b>100.00%</b>

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.  
 (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

EPA REG. NO. 73049-269

EPA EST. NO.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See Side Panel For Additional Precautions

NET CONTENTS:

Environmental Science

FIRST AID	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give <b>any</b> liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-877-315-9819.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

**PRECAUTIONARY STATEMENTS  
Hazards To Humans & Domestic Animals**

**CAUTION**

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes and clothing. Wear protective clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash clothing before reuse. Remove pets, birds and cover fish aquaria before spraying. Prevent re-entry of dogs and cats into treated area until spray deposits are dry.

In hospitals, patients should be removed from room prior to spraying room with this product. Room should be ventilated for two hours after spraying. Do not return patient to room until after the ventilation period.

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. Cover or remove foods before treatments. In food processing areas, all surfaces must be washed and rinsed with potable water after spraying.

When using in animal quarters, do not apply directly to food, water or food supplements. Wash teats of dairy animals before milking.

**Environmental Hazards**

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources.

**DIRECTIONS FOR USE**

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

For maximum insect control, a combination localized surface application and space treatment is recommended.

When treating surfaces and fabrics, spray in an inconspicuous area to test for possible staining or discoloration.

**SPACE SPRAY:** For rapid control of *Houseflies, Fruit Flies, Mosquitoes, Flying Moths* and *Gnats*. Close doors and windows and shut off ventilating systems. Use a good sprayer adjusted to deliver a fine mist, directing spray toward the upper portions of the enclosure and filling the room with mist. Use 1/2 to 1 oz. of spray for each 1000 cubic feet of space. Keep area closed for at least 10 minutes after spraying. Vacate area after treatment and ventilate for 30 minutes before reoccupying. Do not allow pets to enter area before ventilated.

**VAPOR SPRAY:** Pyrethrin General Purpose Spray is a potent spray that permits its use as a fog or vapor treatment in special electric, steam or compressed air equipment. Use in accordance with manufacturers' directions for the individual type of applicator selected. Dosages vary with different generators, but many such applicators are designed to give most effective

results when the material is used at 1 pint to each 8,000 - 15,000 cu. ft. of space. In all cases, dosages should be sufficient to thoroughly fill the enclosure with fog or vapor. Insects controlled will be the same as given for "Space Spray" above.

**SURFACE SPRAY: TO CONTROL *Cockroaches, Silverfish, Crickets, Spiders, Clover Mites, Scorpions, Cheese Mites, Cheese Skippers, Spider Beetles***, use Pyrenone General Purpose Spray in a good machine adjusted to deliver a coarse droplet spray using approximately 1 gal. of material to each 750 sq. ft. of surface. Spray infested areas thoroughly and direct the liquid behind baseboards, moldings, cabinets, shelves, sinks, door and window frames, pipes, toward drains and dark corners and into cracks, crevices, recesses and similar hiding places, contacting insects wherever possible.

**AGAINST *Ant* INFESTATION**, treat shelves, cabinets and storage areas; spray ant runs, trails, baseboards, thresholds and other places of entry and treat nests liberally.

**TO CONTROL *Bedbugs* effectively**, apply liberally to top, ends, sides and bottom of mattresses, spraying thoroughly all tufts, seams and folds. Spray springs and frames, directing the liquid into all cracks and lock joints. Treat walls, baseboards, moldings, floors, closets, bedroom furniture and picture frames with particular attention to protected *Bedbug* hiding and breeding places.

**TO CONTROL *Carpet Beetles* effectively**, apply to floor areas and baseboards. Spray directly into cracks, crevices and under carpets where insects may be found. Treat both the underside and top side of infested carpets. Spray inside of trucks, closets and infested areas of shelving.

**STORED GRAIN OR FLOUR INSECTS:** Pyrenone General Purpose Spray is also useful in mills, elevators, granaries, warehouses, food storages and other situations where an effective, fast-acting insecticide is required for control of the exposed stages of: *Granary Weevils, Rice Weevils, Cigarette Beetles, Drugstore Beetles, Carpet Beetles, Saw-Toothed Grain Beetles, Rust-Red Flour Beetles, Confused Flour Beetles, Angoumois Grain Moths, Indian Meal Moths, Tobacco Moths, Meal Worms* and *Grain Mites*. As a space or vapor spray, it provides rapid kill of flying and crawling stages. In cracks and crevices of floors, it is effective in the control of grain insects.

**FOR TREATMENT OF FLOORS AND BINS:** Pyrenone General Purpose Spray not only gives initial kill of the accessible stages of most stored grain and food product pests listed in the previous paragraph, but gives some continued protection in cracks and crevices where insects hide. Apply with a good machine, adjusted to deliver a coarse droplet spray using approximately 1 gal. of material to each 750 sq. ft. of surface.

**IN MILLS, ELEVATORS AND GRANARIES**, thoroughly spray floors, walls and other surfaces of bins, storage and handling areas with particular attention to cracks, crevices and similar protected locations. Waste grain, dust, dirt and debris should be removed and destroyed and storage areas cleaned before spraying. Treat unloading, handling and processing areas and apply the insecticide to conveying, processing and handling equipment, the inside of reel sifter, purifier conveyors, sifters, roll housings and hoppers, pick-up conveyors, etc. Spray thoroughly around the bases of heavy machinery and equipment.

**FOR IN-TRANSIT PROTECTION AND CONTROL**, treat truck beds, box cars and ships' holds before loading. For extended protection and control in warehouses and food products storages, treat exposed surfaces as recommended above and spray heavily into cracks, crevices, recesses, hiding and breeding areas. Thoroughly treat walls, floors, shelves and other exposed areas, and lightly spray each layer of cartons or containers as stacked.

**AS A CONTACT SPRAY:** Pyrenone General Purpose Spray is also very effective when used as a contact spray against *Mosquitoes, Gnats, Wasps, Hornets, Skippers, Scorpions* and *Cheese Mites*. When these insects are present, contacting them with a fine mist will provide immediate kill. Spraying walls, ceilings, lights, moldings, screen doors and door frames, beams and light cords will make these locations unfavorable as resting or hiding places for these insects.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.  
**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences

Environmental Science Division

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may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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