

Front Panel:

Revised Proposed Draft Label

Only for Sale to, Use, and Storage by Servicepersons

WHAMIRE

PT 230

Contact-Residual-Repellent Insecticide  
Crack & Crevice® Injection System

KILLS: Cockroaches, crickets, beetles, spiders, earwigs, sowbugs, pillbugs, millipedes, centipedes, booklice, silverfish, firebrats, ants, cluster flies, face flies, elmleaf beetles, boxelder bugs, fleas, ticks, lice, bedbugs, cadelles, cheese mites, grain mites, cigarette beetles, drugstore beetles, confused flour beetles, red flour beetles, dark mealworms, yellow mealworms, sawtoothed grain beetles, flat grain beetles, granary weevils, rice weevils, drywood termites, powder post beetles, ground beetles, and scorpions.

For use in hospitals, schools, supermarkets, motels, hotels, homes, apartments, transportation equipment (buses, boats, ships, trucks, trailers, trains, planes), utilities, meat packing and food processing plants, food storage areas, restaurants and other food handling establishments, warehouses, and other commercial buildings.

Active Ingredients:

Pyrethrins . . . . .	.0.3%
*Piperonyl Butoxide, Technical. . . . .	.3.0%
Silica Gel . . . . .	.4.0%
Petroleum Distillate . . . . .	.5.7%

Inert Ingredients . . . . . .87.0%

\*Equivalent to 2.4% (butylcarbityl) (6-propylpiperonyl) ether and 0.6% related compounds.

EPA Reg. No. 499-223  
EPA Est. No. 499-MO-1

KEEP OUT REACH OF CHILDREN

DANGER

Harmful if swallowed. Causes eye damage. See side panel for Statement of Practical Treatment and additional precautions.

Net Wt. 1 lb. 4 ozs.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 22 1982

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

Side panels:

Proposed Draft Label

Drione Insecticide Spray PT 230

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling and before smoking or eating. Avoid contamination of food and foodstuffs. Do not use in serving areas while food is exposed.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES--Flush eyes with plenty of water. Get medical attention.

IF SWALLOWED--Call a physician or Poison Control Center immediately. Gastric lavage may be indicated if material was taken internally. DO NOT INDUCE VOMITING; vomiting may cause aspiration pneumonia.

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

IF ON SKIN--Remove contaminated clothing and wash affected areas with soap and water.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

Do not spray on plastic, painted, or varnished surfaces. Do not spray directly into any electronic equipment such as radios, televisions, computers, motors, or into outlets and switches or any other location where the powdery residue may foul or short electric contacts and circuits.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Store in a cool area away from heat or open flame. Do not reuse empty container. Wrap container and put in trash collection.

Shake well before use until agitator ball rattles. Before storing after use, invert container and spray until only air comes out to clear valve and spray nozzle.

Side Panel: (Continued)

Revised Proposed Draft Label

How to Use Whitmire Crack and Crevice Injection Equipment

Do not use as a space spray. Except when used as a broadcast spray for flea control, Whitmire's PT 230 is for use only with injection tube for injecting into cracks and crevices where insects may be hiding, living, and breeding. Place injector tip  $\frac{1}{4}$ " into cracks, crevices, holes, and other small openings where insects may be a problem. Release approx. 1-second spray per spot. In serious infestations, if possible, place spots 12" apart. In light infestations or for preventive treatment, place spots approximately 3 ft. apart. In long running cracks, move the injector tip along the crack while spraying. Move at the rate of one linear foot per second in heavy infestations and three feet per second in light infestations. See additional directions below for effective control of specified insects.

INDOOR PESTS

**Crawling Pests:** Cockroaches, crickets, beetles, spiders, earwigs, sowbugs, millipedes, centipedes. Spray into hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators, behind baseboards, coffee makers, in dark storage areas and all other areas where these pests are found. Spray directly on insects in these locations where possible. Repeat as necessary.

**Booklice, Silverfish, Firebrats:** Spray cracks and crevices in baseboards, door frames, bookcases, and storage area. Spray directly on insects in these locations where possible. Repeat as necessary.

**Ants:** Locate ant colonies and spray 5-10 seconds directly into nest. Spray into trails, and points of entry around doors, windows, structural cracks and crevices. Spray directly on insects in these locations where possible. Repeat as necessary.

**Hibernating stages of:** Cluster flies, face flies, elmleaf beetles, and boxelder bugs. Contact as many insects as possible when treating infested areas such as cracks and crevices, wall voids, around windows and door frames, under siding, in machinery, and in dark secluded areas. Repeat as necessary.

**Fleas, ticks, and lice in animal quarters:** Treat bedding, floor and floor coverings and all areas where pests may hide at the rate of one-second spray per square foot. Treat cracks and crevices behind moldings, shelving, baseboards, pipe openings, and all other cracks at the rate of one-second spray per linear foot. If left undisturbed, a deposit of PT 230 will continue to kill these pests for several weeks. Repeat application when effectiveness diminishes.

**Bedbugs:** Take bed apart and treat cracks, joints, and interior of framework. Mattresses and box springs should be treated, especially tufts, folds, and edges. Picture frames, moldings, and all cracks and crevices in the room should also be treated. Do not use in hospital patient quarters.

Side Panel: (Continued)

#### Revised Proposed Draft Label

Stored product pests: Cadellies, cheese mites, grain mites, cigarette beetles, drugstore beetles, confused flour beetles, red flour beetles, dark mealworms, yellow mealworms, sawtoothed grain beetles, flat grain beetles, granary weevils, and rice weevils in mills, elevators, and granaries. Clean up waste materials, dust, dirt, and all other debris. Thoroughly treat floors, walls, and other surfaces in bins, storage, and handling areas. Apply into cracks and crevices and other difficult-to-reach areas where insects may hide. Repeat as necessary.

Drywood Termites: Spot treatment for localized infestations-probe to locate galleries; drill holes and inject 5-10 seconds spray per hole into the active galleries.

Powder Post Beetles: Treat infested wood using injection tube. Apply small amounts directly into and around entrance holes.

Volumetric treatment of inaccessible voids (false ceiling, wall voids, equipment voids and attics, crawl spaces, and manholes where human contact with treated surfaces will be minimal): For spray application with Whitwire Crack & Crevice Injection Equipment. For exposed stages of cockroaches, earwigs, crickets, sowbugs, millipedes, centipedes, booklice, silverfish, firebrats, ants, and beetles. Calculate void horizontal surface area and treat at a rate of one second per square foot. Spray by inserting injection tip into crack or crevice, hole or other small opening into void space. Repeat as necessary.

#### OUTDOOR PESTS

Cockroaches, sowbugs, pillbugs, centipedes, millipedes, ground beetles, earwigs, clover mites, spiders, scorpions and ants. Clean up debris around premise. Spray into cracks around doors, windows, under siding at foundation level, beneath guards on loading docks, into cracks in foundations and floors and in all other places where these pests may enter building. Repeat application as necessary.

APPLICATIONS IN FOOD-HANDLING ESTABLISHMENTS -- Places other than private residences in which food is held, processed, prepared or served. **USE ONLY WHEN FACILITY IS NOT IN OPERATION.**

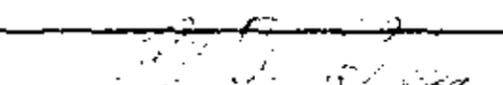
FOOD AREAS - APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY - Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) also would be considered a food area.

Apply in small amounts directly into cracks and crevices using injection tube in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where insects hide. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food-processing surfaces.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD-HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

For application ideas for both food and non-food areas, follow the Whitwire Roach Location Chart and Pest Management Manuals.

Whitwire Research Labs, Inc. St. Louis, MO 63122

<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> REGISTRATION DIVISION (WH-367) WASHINGTON, D. C. 20460	<b>EPA REGISTRATION NO.</b> 49-223	<b>DATE OF ISSUANCE</b> OCT 22 1982
	<b>TERM OF ISSUANCE</b> Pesticide Registration	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> RENEWAL <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	<b>NAME OF PESTICIDE PRODUCT</b> Whitfire PE 230	
<b>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</b> Whitfire Research Laboratories, Inc. 3568 Tree Court Ind. Blvd. St. Louis, MO 63122		
<p><b>NOTE:</b> 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.</p> <p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA Sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit and/or file all data required for registration/reregistration of your product under FIFRA Sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.</li> <li>2. Make the labeling changes listed below before you release the product for shipment:           <ol style="list-style-type: none"> <li>a. Insert the following as the first line of the "STORAGE AND DISPOSAL" statement: "Do not contaminate water, food or feed by storage or disposal." (Regrettably this comment was not brought to your attention in our last letter.)</li> <li>b. Be sure to note the type size requirements of the front panel signal word, the "KEEP OUT OF REACH OF CHILDREN", and the heading "STORAGE AND DISPOSAL".</li> </ol> </li> <li>3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.</li> </ol> <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Sec. 3(e). Your release</p> <p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
<b>SIGNATURE OF APPROVING OFFICIAL</b> 	<b>DATE</b> 10/20/82	

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for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

P.S. Before you release the subject product for shipment you must either submit the USDA approval for use in meat and poultry inspection plants or delete this claim from the label. A member of my staff called the USDA in Beltsville, MD and they indicated that they had not as yet received such an application from your firm.

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

**DANGER**

Poisonous if swallowed, inhaled, or absorbed through skin or eyes. Do not get in eyes or on skin. Do not breathe fumes. Rapidly absorbed through skin. Wear natural rubber gloves, water proof protective clothing and goggles when handling. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and wildlife. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an EPDES permit. For guidance contact your Regional Office of the Environmental Protection Agency.

**NOTE TO FORMULATORS**

Certain organo-phosphate insecticides have been shown to cause staining and color changes of carpets dyed with certain sensitive carpet dyes. Products made from this concentrate should carry warnings to prevent contact with carpeting by spray, spray mist or drift.

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