

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Ms. Mary Ellen Summers
Whitmire Research Laboratories
3568 Tree Ct. Industrial Blvd.
St. Louis MO 63122-6620

Dear Ms. Summers:

Subject: 8 Month Response to the Silicon Dioxide/Silica Gel
Reregistration Eligibility Document (RED)
Whitmire PT 230 Tri-Die
EPA Registration Number 499-223
Your Submission Dated October 3, 1995

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Since you have agreed in a letter to the Agency dated April 26, 1995 to the Toxicity Category II for the primary eye irritation study, revise the precautionary language for the Hazards to Humans and Domestic Animals and Statement of Practical Treatment as follows:

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye irritation. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Call a physician. Hold eyelids open
CONCOMITANTLY flush with a gentle steady
stream of water for 15 minutes.

SYMBOL							
SURNAME	Wet						
DATE							

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Drink promptly a large quantity of milk, egg white or gelatin mixture, or if these are not available, a large quantity of water. Avoid alcohol. Do not induce vomiting as it may cause aspiration pneumonia.

3. Submit two 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.

4. The dermal sensitization study (MRID 438110-01) is acceptable and is not a sensitizer. A copy of the precautionary review is enclosed for your reference. This study completes the acute toxicity study requirements for this product.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Sincerely yours,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

Rev. 12/90 Label #18-2230



PT[®] 230 Tri-Die Insecticide Spray

SHAKE WELL BEFORE USE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Cause eye irritation. Do not get in eyes or on clothing. Harmful if swallowed. 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.

Notice to Operator: In order to avoid any unpleasant drying of the nose and throat when dispensing PT 230 Tri-Die in confined areas or when prolonged exposure to spray mist occurs, wear a pesticide dust respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute of Occupational Safety and Health under the provisions of 30 CFR Part II.

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

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 pants. PT 230 Tri-Die is phytotoxic.

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

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in a cool dry place away from heat or open flame and inaccessible to children.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Replace cap and discard container in trash, sanitary landfill or by other approved state and local procedures. Do not incinerate or puncture.

SHAKE WELL BEFORE USE. Before storing after use, invert container and spray until only air comes out to clear valve and spray nozzle.

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 Tri-Die is for use only with injection tube for injecting into cracks and crevices where insects may be hiding, living and breeding. Place injector tip 1/2" 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, most 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, Fleabeats. Spray cracks and crevices in baseboards, door frames, bookcases and storage area. Spray directly on insects in these locations where possible. Repeat as necessary.

A PRESCRIPTION TREATMENT* insecticide from Whitmire Research Laboratories, Inc., St. Louis, MO 63122

Flies: 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 flea infestations: 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 Tri-Die 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.

Stored product pests: Caddis, 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, crawlspace, and manholes where human contact with treated surfaces will be minimal). For spray application with Whitmire 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.

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 (where 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 Whitmire Roach Location Chart and Pest Management Manuals.

OUTDOOR PESTS

Cockroaches, sowbugs, pillbugs, centipedes, crickets, 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.



PT[®] 230

Tri-Die

Activated Pyrethrin in Silica Aerogel

CONTACT-REPELLENT-RESIDUAL INSECTICIDE CRACK & CREVICE® INJECTION SYSTEM

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

For use in: hospitals, schools, supermarkets, motels, hotels, homes, apartment equipment (buses, boats, ships, trucks, trailers, trains, planes), utilities, manufacturing plants, food storage areas, restaurants and other food handling warehouses, and other commercial buildings.

Authorized by USDA for use in federally inspected meat and poultry processing plants.

ACTIVE INGREDIENTS

Pyrethrins
*Piperonyl Butoxide, Technical
Silica Gel

INERT INGREDIENTS

Contains Petroleum distillate
*Equivalent to 2.4% (butylcarbonyl)(6-propylpiperonyl) ether and 0.6% related compounds.

EPA Reg. No. 499-223 EPA Est. No. 4

KEEP OUT OF REACH OF CHILDREN WARNING:

See side panel for additional cautioning.

NET WT. 1 LB.

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