

SEP 17 1997

Chem-Tox Inc./CTX, Inc.  
481 Scotland Rd.  
McHenry, IL 60050

Attention: Ms. Barbara Kairies

Subject: Pyronox No. 3  
EPA Registration Number 45385-28  
Your amendment dated 12/11/96

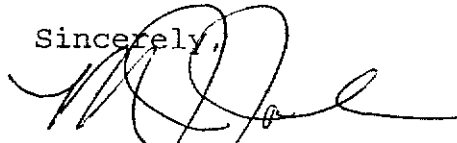
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, is acceptable subject to the comments listed below. Five (5) copies of the finished labeling must be submitted.

- 1) Revise the phrase "Use in Food Plants" to "Use in Food Processing Plants".
- 2) In accordance with PR Notices 93-10 and 95-1, add the following statement to the Environmental Hazard paragraph:

Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA."

A stamped copy is enclosed for your records.

Sincerely,



Marion J. Johnson Jr.  
Product Manager 10  
Insecticide Branch  
Registration Division

# CHEM-TOX PYRONOX NO. 3

Industrial, Mill, Livestock and Mosquito Spray.

For rapid control of Flying and Crawling Insects, KILLS and REPELS FLIES, MOSQUITOS and GNATS on Cattle, Horses AND Hogs.

Use in Food Plants, Canneries, Packing Houses, Mills, Elevators, Granaries, Warehouses, Box Cars, Ship's Holds, Breweries, Bottling Plants, Bakeries, Stores, Markets, Theaters, Hospitals, Schools, Hotels, Motels, Restaurants, Dairies, Barns and Milk Rooms.

ACTIVE INGREDIENT: Pyrethrins .....	0.13%
Piperonyl Butoxide, Technical* .....	1.27%
< INERT INGREDIENTS: .....	98.60%
TOTAL: .....	100.00%

\* consists of 1.02% (butylcarbityl)(6-propylpiperonyl) ether and 0.25% related compounds. < Contains Petroleum Distillate 98.6%

## KEEP OUT OF REACH OF CHILDREN: CAUTION PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION:** Harmful if swallowed or absorbed through the skin. Avoid breathing vapor 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. **STATEMENT OF PRACTICAL TREATMENT:** If swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting, Gastric lavage is indicated if material was taken internally. Vomiting may cause aspiration if indicated.

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 underway. Facilities and equipment in federally inspected meat and poultry plants must be washed with an effective cleaning compound followed by a potable water rinse after spraying.

In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

### PHYSICAL OR CHEMICAL HAZARDS

Do not pour, use, spill or store near heat or open flame.

### DIRECTION FOR USE:

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

**STORAGE & DISPOSAL:** Avoid storage conditions that might alter the composition or usefulness of the pesticide, e.g., temperature extremes, excessive moisture or humidity, heat sunlight, friction or contamination substances or media. Keep pesticide container closed in a cool, dry, locked cabinet or room. Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are toxic. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINERS:** - Metal (non-aerosol) Triple rinse (or equivalent). Then offer for reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED  
with COMMENTS  
in EPA Label Office

SEP 17 1997

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

45395-28

REC'D L.A. PP/DPD1  
96 DEC 17 AM 1:01

**APPLICATION:**

For maximum effectiveness, a combination of spot surface treatment and fogging is recommended. **SURFACE SPRAYING:** To control exposed or accessible stages of ROACHES, ANTS, SILVERFISH, SPIDERS, CRICKETS, CLOVER MITES, CHEESE MITES, GRANARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, RUST RED FLOUR BEETLES, SAW-TOOTHED GRAIN BEETLE, 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 sq.ft. of surface. To 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 all areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed. **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, MOSQUITOS, 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 one gallon to 200,000 cu.ft. of space. To kill exposed or accessible stages of the above named flying insects, use a rate of one gallon to 80,000 cu.ft. of space. Contact insects directly whenever possible.

**BARNs, MILK ROOMS, DAIRY PLANTS:** To control FLIES, MOSQUITOS and GNATS, apply as a fog or fine mist, directing spray toward the ceiling and upper corners, until the area is filled with mist, using about 2 oz. per 1000 cu.ft. of space. For best results, close windows and doors before spraying and keep closed for ten to fifteen minutes. Vacate the area and ventilate before reoccupying. Repeat application as necessary.

**ON ANIMALS:** To protect horses, cattle and hogs from HORN FLIES, HOUSE FLIES, MOSQUITOS and GNATS, apply a light mist sufficient to wet the tips of the hair. To control STABLE FLIES, HORSE FLIES, DEER FLIES, apply 2 oz. per adult animals, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals necessary to give continued protection.

**OUTDOOR MOSQUITO CONTROL:** To control adult mosquitos, apply as a fog or fine mist using good mechanical, thermal or compressed air equipment. For best results, treat when wind velocity does not exceed 5 miles per hour. Application in the evening or early morning is recommended. Treat area thoroughly with particular attention to low and marshy places, shore lines, stagnant pools or ponds and shrubbery or vegetation where mosquitos may rest. Apply at a rate of 1 2 gallons per acre (or 3.6 fl.oz. per 1000 sq.ft.).

**TERMS OF SALE OR USE ON PURCHASE OF USE OF THIS PRODUCT:** Our recommendation for use of this product are base upon test believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. **Warranty:** Manufacturer and Seller warrants that this product, as of the time of sale conforms to the ingredient statement on the label, and is reasonably fit for the purpose set forth in the Directions for Use. Except as so warranted the product is sold as is. Manufacturer makes no other warranty express or implied. **EXCUSE FROM NON-CONTROLLABLE CONDITIONS:** Because of certain-critical conditions-created-or-incurred by buyer or user or over which manufacturer has no control, buyer and user as a condition of purchase or use, assume responsibility for and release manufacture from; liability arising out of handling or use of the product attributable to such causes. No person is authorized to vary or waive any statement contained herein.

EPA Reg. No. 45395-28  
EPA Est.No.45385-IL-01  
CHEM-TOX, Inc., McHenry, IL 60050  
ORDER CODE: O-307

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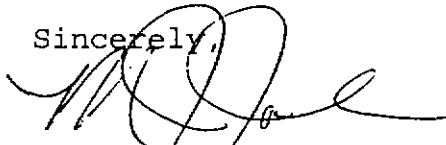
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ACCEPTED  
with COMMENTS  
by EPA Liaison Officer

SEP 17 1997

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as amended, for the pesticide  
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**TERMS OF SALE OR USE ON PURCHASE OF USE OF THIS PRODUCT:** Our recommendation for use of this product are base upon test believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. **Warranty:** Manufacturer and Seller warrants that this product, as of the time of sale conforms to the ingredient statement on the label, and is reasonably fit for the purpose set forth in the Directions for Use. Except as so warranted the product is sold as is. Manufacturer makes no other warranty express or implied. **EXCUSE FROM NON-CONTROLLABLE CONDITIONS:** Because of certain critical conditions created or incurred by buyer or user or over which manufacturer has no control, buyer and user as a condition of purchase or use, assume responsibility for and release manufacture from; liability arising out of handling or use of the product attributable to such causes. No person is authorized to vary or waive any statement contained herein.

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