

2 Dec 1986

Forshaw Chemicals, Inc.
650 State Street
Charlotte, NC 28208

Attention: J.R. Hansen

Gentlemen:

Subject: Hopkins Aquatox PY2
EPA Registration No. 7234-142
Your Submission Dated December 11, 1986

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Before releasing this product for distribution under the revised label, submit a revised Confidential Statement of Formula (CSF). A blank copy of the CSF form is enclosed. Provide the upper and lower certified limits based on the pure active ingredients rather than the technical or concentrate. Note that the lower limit of the active, including any solvent declared as active, must be the same as the label claim. Provide upper and lower certified limits of the individually added inerts.

BEST AVAILABLE COPY

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CONCURRENCES

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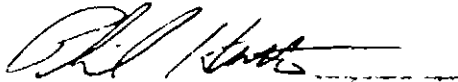
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Within 15 months of the date stamped on this letter, submit a 1-year storage stability study. The formulated product must be analyzed for its active ingredients at time zero and periodically during a year of storage at ambient temperatures.

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

Sincerely yours,



Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

(FRONT/CENTER PANEL)

AQUATOX PY - 2

EFFECTIVE,
FAST ACTING
GENERAL PURPOSE
INSECTICIDE

For Use In: Homes, Institutions, Restaurants, Food Processing
Plants, on Livestock and Outdoors for Mosquito Control.

For Control of Fleas and Brown Dog Ticks on premises and on
pets.

Kills and Repels Biting Flies

Apply With Conventional Mechanical or Compressed Air
Equipment.

ACTIVE INGREDIENTS:

Pyrethrins 0.1%
*Piperonyl Butoxide, Technical 1.0%
Petroleum Distillate 0.4%

INERT INGREDIENTS: 98.5%
TOTAL 100.0%

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

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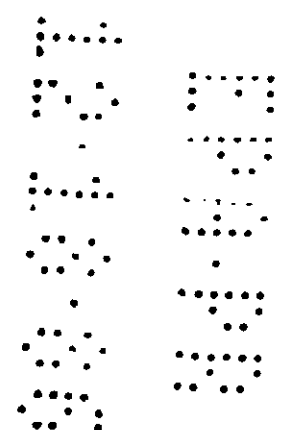
KEEP OUT OF REACH OF CHILDREN
CAUTION

(← 12 pt.)

(← 18 pt.)

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY
STATEMENTS AND DIRECTIONS FOR USE

MANUFACTURED BY:
FORSHAW CHEMICALS, INC.
650 STATE STREET
CHARLOTTE, NC 28208



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(SIDE/BACK PANELS)

STATEMENTS OF PRACTICAL TREATMENT

Call a physician or Poison Control Center immediately.

IF SWALLOWED: Induce vomiting by drinking 1 or 2 glasses of water and touching back of throat with finger. Use syrup of ipecac if available. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Remove victim to fresh air and assist respiration if indicated.

**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 all equipment with potable water, 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.

PHYSICAL HAZARD

Do not apply this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazards. If there is a need to treat these areas, use an oil base spray.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

(← 12 pt.)

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Avoid temperatures below 32°F. Keep container closed when not in use.

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

INDOORS

Avoid spotting of wallpaper, fabrics and other furnishings. Check materials for color fastness by dampening an inconspicuous area with this product and pressing a white tissue to the dampened area. If color transfer or change occurs, do not use this product. 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 treatment. All food processing

surfaces should be covered during treatment or thoroughly cleaned before using. 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, RUSH RED FLOUR BEETLES, SAWTOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE 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 of stored food, 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. Spray surfaces until wet, but avoid unnecessary runoff. Repeat as needed.

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 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.

PET AREAS - TO CONTROL FLEAS AND BROWN DOG TICKS ON PREMISES: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor coverings. 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 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 storage areas 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 1000 cubic feet of space.

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

LIVESTOCK

To protect cattle (beef and dairy), horses (including food animals), and hogs 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.

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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.

When using this product on livestock, care should be taken that the spray does not come in direct contact with the lactating dairy cow's teats unless they are washed with an approved cleansing solution and dried before milking.

To control **poultry lice**, spray roosts, walls and nests of cages thoroughly. This should be followed by spraying over the birds with a fine mist.

For control of **bedbugs and mites** in poultry houses, spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites.

FLEAS AND TICKS ON DOGS AND CATS: Start spraying at the animal's head - avoiding the eyes, nose and mouth as you spray. Make sure that the animal's entire body is covered, including the legs, under body and tail. While spraying, fluff the hair so that spray will penetrate to the skin. Make sure spray wets thoroughly. Avoid contact with genitalia. Repeat as necessary.

OUTDOOR APPLICATIONS

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 1/2 gallons per acre (4 1/2 ounces per 1000 square feet). Use a mist blower or other conventional misting equipment.

Using truck-mounted conventional misting equipment traveling at 5 m p h, calibrate equipment to deliver 4.5 gallons per minute to treat a 300 foot swath.

OUTDOORS: Camping, fishing, hunting. Spray outer clothing and surroundings. Repels, **biting flies, mosquitoes, midges, gnats** - if sprayed every hour or so will aid in keeping surroundings free from mosquitoes. If in rare cases skin irritation results, avoid continued contact. Do not pour or squirt - use a good sprayer which will throw a heavy fine mist.

NOTICE OF WARRANTY

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions. Buyer agrees, in purchasing this product, that in the event of damages arising from a breach of the warranty to accept a refund of the purchase price of the product as full discharge of the manufacturer's liability.*

*Subject to applicable contrary laws