

77 0 9-7-91-5 1045  
APR 17 1991

Mr. David M. Valentine:  
NATIONWIDE CHEMICAL PRODUCTS  
P.O. Box 13027  
Hamilton, Ohio 45013

Dear Mr. Valentine:

Subject: Pyrethrin Registration Label Revision  
PRO KILL GENERAL PURPOSE AQUEOUS INSECTICIDE  
EPA Registration Number 9591-52  
Submission dated April 3, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. See enclosed label format sheet for draft label layout, headings, and subheadings:
  - A. Include a STATEMENT OF PRACTICAL TREATMENT.
  - B. Include the statement "HAZARDS TO HUMANS AND DOMESTIC ANIMALS".
  - C. Include the subheading "ENVIRONMENTAL HAZARDS" above the environmental hazards statement.
  - D. Include a product mis-use statement.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

###### CAUTION

Harmful if swallowed. Avoid contamination of feed and foodstuffs. Remove pets, birds, and aquaria before spraying. Do not reuse empty container.

##### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, ponds, and streams. 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.

2. Correct the statement under the STORAGE AND DISPOSAL subheading ~~to read "Do not store above 320F"~~.

Sincerely,

*RF* Richard F. Mountfort  
Product Management Team 10  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

# PRO KILL

## GENERAL PURPOSE AQUEOUS INSECTICIDE

A Concentrated Micro Emulsion-Clear-Stable-Leaves No Oily or Objectionable Residues  
 Effective, Fast Acting Insecticide. For Use in Homes, Institutions, Restaurants, Food Processing  
 Plants, Dairies, Livestock and Outdoors for Mosquito Control.

Apply with Conventional Mechanical or Compressed Air Equipment.

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BEST AVAILABLE COPY

**ACTIVE INGREDIENTS:**

Pyrethrins.....	0.1%
*Piperonyl Butoxide, Technical.....	1.0%
INERT INGREDIENTS:.....	98.9%
Total.....	100.0%

\*Equivalent to 0.8% (butylcarbityl) 6-Propylpiperonyl ether and 0.2% related products

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

See side panel for additional cautions

EPA Reg No 9591-52

EPA EST NO. 9591-OH

NATIONWIDE CHEMICAL PRODUCTS, INC. P. O. Box 13027 Hamilton, Ohio 45002

NET CONTENTS \_\_\_\_\_ GALLONS

**STORAGE & DISPOSAL**

Storage: Do not store below 32°F

Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

**DIRECTIONS FOR USE**

**INDOORS APPLICATIONS**

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. (*time frame?*)

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, RUST 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 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 and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

**TO CONTROL CARPET BEETLES:** Spray edges of carpeting in localized application to floor and baseboards. Spray directly in shelving. Repeat treatment as needed.

**TO CONTROL BEDBUGS:** Spray mattresses lightly, particularly apart and spray in all joints. Treat baseboards, moldings and

**TO CONTROL FLEAS and BROWN DOG TICKS:** Thoroughly quarters, nearby cracks and crevices, along and behind base frames, and localized areas of floor and floor covering. Free quarters following treatment. Concurrent treatment of animal mended. Repeat treatment as needed.

**TO CONTROL CLOTHES MOTHS:** Remove any infested articles thoroughly and air for several hours in sunlight, if possible closets, bureaus and other storages directing the spray into closets. Infested articles may be treated lightly keeping nozzle at least

**SPACE SPRAYING:** Close doors and windows and shut off machine adjusted to deliver a fine mist or fog. For rapid control skipper flies, wasps, hornets, Angoumois grain moths, Mediterranean and tobacco moths: Direct spray at an upward angle distributed at a rate of 3-6 ounces per 1000 cubic feet of space.

**FOGGING:** To kill exposed or accessible stages of the above insects at a rate of 20,000 to 40,000 cubic feet of space. Contact insecticide

**ON ANIMALS:** To protect cattle and horses from horn flies, house flies, a light mist sufficient to wet the surface of the hair. To control apply at a rate of 2 ounces per adult cow or horse, sufficient treatment daily or at intervals necessary to give continued protection.

**TO CONTROL BLOOD-SUCKING LICE:** Apply to the infested animal. Get the spray to the base of the hair. Repeat every 2 to 3 weeks.

**OUTDOOR APPLICATION**

**ADULT MOSQUITO CONTROL:** Apply as a fine mist to thoroughly treat when the wind velocity does not exceed 5 miles per hour. Mosquitoes may rest, low marshy places, stagnant pools, etc. Apply at a rate of 1 1/2 gallons per acre (4 1/2 ounces per 1000 square feet). Conventional misting equipment such as Romist models 51C, 91C, 300 foot swath calibrate equipment to deliver 4.5 gallons per acre.

**CAUTION:** Harmful if swallowed. Avoid contamination of feed.

Remove pets, birds and cover fish aquaria before spraying. Do not contaminate water by cleaning equipment. Apply this product only as directed on the label.

Do not reuse empty container. Destroy by perforating or crushing.

**WARRANTY STATEMENT**

Our recommendations for use of this product are based upon our experience with this product being beyond the control of the manufacturer. We make no warranty as to the effects of such or the results to be obtained or established safe practice. The buyer must assume all responsibility resulting from its misuse as such, or in combination with other

ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated  
 APR 17 1991  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, the pesticide  
 registered under EPA Reg. No.  
 9591-52