

APR 23 990

~~345/24369~~
17/1

Donald A. Shaw, Ph.D.
Senior Registration Specialist
FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia, Pennsylvania 19103

BEST AVAILABLE COPY

Dear Dr. Shaw

**Subject: Response to EPA Notice of Registration Dated
September 28, 1988
CYNOFF WSB Insecticide
EPA Registration Number 279-3085
Your Resubmission Dated March 28, 1989**

The labeling and or revised confidential statement of formulas (CSF) dated February 2, 1989, submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the labeling changes and/or submit the information listed below before you release the product for shipment bearing the amended labeling:

- 1) On the alternate CSFs, Column 13b, for "Aqualox Red and Blue", the correct percentage by weight is 0.0126.
- 2) The Certified Limits of the same should be revised. There appears to be too much variation between the upper and lower Certified Limits of both Aqualox (ink) blue and red. Please adjust accordingly.
3. Modify the environmental hazards statement you now have on your label to read, "Do not Contaminate water when disposing washwater or rinsate."

51053:I:CR-31:Heyward:LR-13:KENCO:04/03/90:05/02/90:ka:sw:jh:ek
R:51057:I:CR-31:Heyward:LR-13:KENCO:04/09/90:05/09/90:CL:sw:dd:dq

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

-2-

Submit five (5) copies of your final printed labeling before you release this product for shipment.

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (M7505C)

P.S. Please submit a copy of the finished labeling for the water soluble package.

Code 1193

Net Contents

Cynoff® WSB

Insecticide in Water Soluble Bags

Only for Sale to, Use and Storage by Professional Pest Control Operators.

EPA Reg. No. 279-3085

EPA Est. 279-

Active Ingredient:	By Wt.
"Cypermethrin"	
*α(±)-cyano-(3-phenoxyphenyl)methyl (±)- <i>cis,trans</i> -3-(2,2-dichloroethenyl)-2, 2-dimethylcyclopropanecarboxylate.....	35.6%
Inert Ingredients	64.4%
	100.0%

**Cis/trans ratio: Max. 55% (±) cis and min. 45% (±) trans
U.S. Patent No. 4,024,163

KEEP OUT OF REACH OF CHILDREN WARNING

See Below for Additional Precautionary Statements.

STATEMENT OF PRACTICAL TREATMENT

If Inhaled: Remove victim to fresh air. Apply artificial respiration if necessary.

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger.

If in Eyes: Flush eyes with plenty of water. Obtain medical attention if irritation occurs and persists.

If on Skin: Wash with plenty of soap and water.

For Emergency Assistance Call Collect: (716) 735-3765.

RECEIVED
with COMMENTS
in EPA Letter Dated:

Under Federal Insecticide,
Fungicide and Rodenticide Act
registered for the pesticide
under EPA Reg. No. 279-3085



FMC Corporation
Agricultural Chemical Group
Philadelphia PA 19103

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Warning

Harmful if swallowed or absorbed through the skin. Causes eye irritation. Do not get in eyes, on skin or on clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. May cause allergic skin reactions. Do not use in the edible product areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

Environmental Hazards

This product is extremely toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to any body of water. Apply this product only as specified on this label. Care should be used when spraying to avoid fish and reptile pets.

DIRECTIONS FOR USE

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

Do not remove package from container except for immediate use.

STORAGE AND DISPOSAL

Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a dry place and avoid excess heat. Do not store at temperatures below 32°F (0°C). Rough handling may cause breakage, especially at low temperatures. Allow to warm above 50° (10°C) before use. Do not allow inner bag to become wet during storage. Do not handle inner bag with wet hands or wet gloves. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC collect: (716) 735-3765.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

When all water soluble bags are used, the outer package should be clean and may be disposed of in a sanitary landfill, by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. If the outer container contacts formulated product in any way, it must be triple rinsed with clean water. Add rinsate to the spray tank and dispose of the outer package as described above.

GENERAL INSTRUCTIONS

For residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include industrial buildings, houses, apartment buildings, greenhouses, buses, laboratories, and the nonfood/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft, schools, nursing homes, hospitals, restaurants, hotels, and food manufacturing, processing and servicing establishments.

The outer package contains an insecticidal wettable powder packaged in clear water soluble bags. Do not allow the inner bags to become wet before adding to the spray tank. Do not handle the clear inner bags with wet hands or wet gloves. Do not carry the bags on your person in a manner that allows contact with perspiration. Rough handling may cause breakage. Do not store at temperatures below 32°F (0°C). Allow to warm above 50°F (10°C) before use. Cooler water temperatures increase the time needed for the inner bag to dissolve completely.

Cynoff WSB insecticide is to be diluted with water for spray application. Do not use strainers finer than 50 mesh size. Fill sprayer with 1/2 of the desired volume of water, add the water soluble bag(s). After bag(s) have dissolved, fill sprayer to desired volume and shake for 30 seconds before use in order to insure proper mixing and suspension of the wettable powder. Shake or re-agitate the sprayer before use if spraying is interrupted. Mix only the amount of solution needed for the application; repeat treatments as necessary.

Pests	Concentration of Active Ingredient	Dilution Rate**
Ants	Elm Leaf Beetle	.1%
Biting Flies*	Firebrats	1 water soluble bag per 1 gallon of water
Boxelder Bugs	Fleas*	
Centipedes	Flies*	
Chiggers*	Millipedes	
Cockroaches	Mosquitos*	
(Maintenance)	Pillbugs	
Crickets	Silverfish	
Earwigs	Sowbugs	
Bees		.2%
Cockroaches (Clean-out)		2 water soluble bags per 1 gallon of water
Spiders		
Ticks		
Wasps		

*Outdoor use only.

**1 water soluble bag = 0.33 ounces of Cynoff WP

Indoor Use

Crickets, Cockroaches, Firebrats, Silverfish, Spiders and Ticks: Apply as a coarse, low pressure spray to areas where these pests hide, such as baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, behind and under refrigerators, cabinets, sinks, furnaces, and stoves, the underside of shelves, drawers and similar areas. Pay particular attention to cracks and crevices; also see OUTDOOR USE.

Ants: Apply to any trails, around door and windows and other places where ants may be found. Refer to BARRIER TREATMENT directions to prevent infestation; also see OUTDOOR USE.

Bees and Wasps: Application to nests should be made late in the evening when insects are at rest. Thoroughly spray nest and entrance and surrounding areas where insects alight; also see OUTDOOR USE.

Boxelder Bugs, Centipedes, Earwigs, Elm Leaf Beetles, Millipedes, Pillbugs and Sowbugs: Apply around doors and windows and other places where these pests may be found or where they may enter premises. Spray baseboards, storage areas and other locations. Refer to BARRIER TREATMENT directions to prevent infestation; also see OUTDOOR USE.

Food Handling Establishments: Places other than private residences in which food is held, processed, prepared or served. Not for use on USDA meat and poultry plants.

Non-food Areas: Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, garages, mop closets, and storage (after canning or bottling). Cynoff WSB insecticide may be used as a general, spot or crack and crevice treatment in non-food areas. All areas where insects hide or through which insects may enter should be treated.

Food Areas: Cynoff WSB is not labeled for use in food areas. Do not use in any area where food is stored, prepared or processed. Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where food may be prepared or held.

Outdoor Use

For control of ants, bees, biting flies, boxelder bugs, centipedes, chiggers, cockroaches, crickets, earwigs, elm leaf beetles, firebrats, fleas, flies, millipedes, mosquitos, pillbugs, silverfish, sowbugs, spiders, ticks and wasps. Apply by brush or as a residual spray either by hand or power sprayer. Apply to surfaces of buildings, porches, screens, window frames, eaves, patios, lawns, vegetation, refuse dumps, garages and in other areas where these pests are found.

Barrier Treatment: To help prevent infestation of buildings, apply to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Apply as a coarse spray to thoroughly and uniformly wet the band area, using 1 gallon of spray mix per 400 square feet.

CAUTION:

Do not use water base sprays of Cynoff WSB in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

Do not apply this product to edible crops

Do not apply this product to soil in crawl spaces.

Keep people and pets off surfaces until dry.

Protect aquariums from spray mist.

Do not use this product with oil.

Do not treat pets with this product.

For best results, thoroughly wash out sprayer and screen with water and detergent before using Cynoff WSB insecticide.

Distributors Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests 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 use or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

