

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 22 1984

Dr. Keith D. Ihde  
Nor-Am Chemical Company  
4311 Lancaster Pike  
P.O. Box 2867  
Wilmington, DE 19805

Dear Dr. Ihde:

Subject: Label Amendments For:  
Ficron W  
EPA Registration No. 45639-1  
Ficron Plus  
EPA Registration No. 45639-66  
Your Submission Dated February 15, 1984

BEST AVAILABLE COPY

Your request that the wording "Packets In This Container Are Not To Be Sold Individually" be added to the labels for the above products is being honored in conjunction with a previously accepted amendment you requested February 9, 1984.

Sincerely yours,

Jay S. Ellenberger  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

DCR-28489;Ellenberger;RD-26;KIM;3/19/84;Raven;557-2226;Del.4/3/84

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

**IMPORTANT:** Read the entire Directions for Use, Precautions and Disclaimer of Warranties before using this product.

**GENERAL INFORMATION:** FICAM PLUS is a specially formulated wettable powder which gives knockdown and residual control of those pests listed below. It is especially suited for control of cockroaches.

FICAM PLUS does not damage paint, plastics, fabrics, or other surfaces where water alone causes no damage.

## DIRECTIONS FOR USE

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

Thoroughly wash out sprayer and strain it with water and detergent before using FICAM PLUS.

For use by service persons for residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include, but are not limited to, stores, warehouses, industrial buildings, houses, apartment buildings, mausoleums, greenhouses, laboratories, schools, nursing homes, hospitals, restaurants, hotels and food manufacturing, processing and servicing establishments and on vessels, aircraft, rail cars, buses, trucks and trailers.

FICAM PLUS is intended for dilution with water for application with hand or power-operated sprayers. Do not use strainers finer than 50-mesh size. When using hand sprayers, fill with the desired volume of water, add FICAM PLUS, close and shake before use to insure proper suspension of the wettable powder. Shake or reagituate sprayer before use if spraying is interrupted.

### Dosages for Conventional Spray Volumes:

1. One packet FICAM PLUS mixed in one gallon of water yields 0.25% ai. bendiocarb + 0.026% ai pyrethrins + 0.065% ai piperonyl butoxide.
2. Two packets of FICAM PLUS mixed in one gallon of water yields 0.5% ai bendiocarb + 0.052% ai pyrethrins + 0.13% ai piperonyl butoxide.

## INDOOR USE

**Cockroaches (Including both non-resistant and organochlorine resistant strains), Ants, Crickets, Silverfish and Firebrats:** Mix one packet of FICAM PLUS per gallon of water and apply as a coarse low pressure spot or crack and crevice spray to areas where these pests hide, such as baseboards, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cr. ants, sinks and cupboards, the underside of shelves, drawers and similar areas. For ants, apply to ant trails, around doors and windows or other places where ants enter premises.

Following cleanout applications or where insect infestation is low and, where sites are inspected and treated at monthly intervals or less, these insects can be controlled with sprays of one packet of FICAM PLUS per two gallons of water.

**Carpenter Ants:** Mix one packet of FICAM PLUS per gallon of water and apply to ant trails, around doors and windows and other places where ants enter premises. Where possible, apply FICAM PLUS directly to ant nest or infested wood.

**Termites:** Mix one packet of FICAM PLUS per gallon of water and apply to voids or channels in damaged wooden members of a structure, or to cracks, spaces or bearing joints between wooden members of a structure or between such members and the foundations, in locations vulnerable to termite attack such as crawl spaces. Drilling may be necessary prior to applying FICAM PLUS to voids, cracks or joint spaces in vulnerable locations and to channeled sections of wood but it must be recognized that such drilling and treating of a timber in place may not result in complete coverage of infested and vulnerable voids or galleries. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

The purpose of such applications of FICAM PLUS is to kill workers or winged reproductive forms which may be present in the treated channels and spaces at the time of treatment and to impart a temporary resistance at these places to termite attack which may aid, in some part, in the prevention of immediate reinfestation by termites. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but merely a supplement, particularly where use of other insecticides may pose an odor problem.

Do not apply solution until location of heat or air conditioning ducts, vents, water and sewer lines and electrical conduits known and identified. Extreme caution must be taken to avoid contamination of these structural elements and airways.

**Brown Dog Ticks and Fleas in Buildings:** Mix one packet of FICAM PLUS per gallon of water and thoroughly apply spray to infested areas such as pet beds and resting quarters, nearby cracks and crevices, rugs and floor coverings, and under their edges, between and under cushions of upholstered furniture and other areas where these pests may be present. Entire rugs may be treated. Apply the spray evenly (approx. 1 gal/800 ft.<sup>2</sup>) to rugs and furniture. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. Additionally, insure that pets are treated with an EPA approved product registered for such use. Do not treat pets or their bedding with this product. Do not permit children or pets near treated surfaces until spray has dried completely.

**Spiders (Including Black Widow Spiders):** Mix one packet of FICAM PLUS per gallon of water and apply to infested baseboards, window and door frames, corners, pipes, store localities, attics and under eaves. Make spot applications to other areas over which these pests may crawl.

**Wasps and Bees:** Mix one packet of FICAM PLUS per gallon of water and thoroughly spray nest and entrance and surrounding areas where insects alight. It is generally advisable to spray the nests in the evening when the insects are less active and have returned to the nest. For best results, check nest carefully one or two days after spraying to insure complete kill, then remove and destroy nest to prevent emergence of newly hatched insects.

**Sowbugs, Pillbugs, Ground Beetles, Earwigs, Millipedes, Centipedes, and Scorpions:** Mix one packet of FICAM PLUS per gallon of water and apply around doors and windows, and other places where these pests may enter premises. Spray baseboards, storage areas and other locations where these pests are found.

**Pantry Pests:** — Grain Beetles, (Dark, Merchant and Sawtoothed), Flour Beetles (Red and Confused), Drugstore Beetles, Flea Weevils, Lesser Grain Flourers, Spider Beetles and Tobacco Moths: Treat exposed stages

Mix one packet of FICAM PLUS per gallon of water. Remove all foodstuffs, shelving paper and utensils from area to be treated. Apply FICAM PLUS to cupboards and shelves and allow to dry. Cover with shelving paper prior to replacement of food and utensils. Infested foodstuffs should be destroyed.

**Carpet Beetles (Black, Furniture and Varied):** Mix one packet of FICAM PLUS per gallon of water. Apply as spot applications on and under edges of floor coverings, under rugs and furniture, and in closets or other localities where these insects are found. Entire rugs may be treated.

**Note:** Where it is desired to obtain a longer period of control of all of the above pests in areas where access is difficult or where deposits will not be quickly removed by cleaning, apply FICAM PLUS at a rate of two packets per gallon of water. This rate may also be used to quickly reduce heavy infestations of cockroaches.

**Webbing Clothes Moths:** Mix two packets of FICAM PLUS per gallon of water and apply spray as spot application in closets and other storage areas where webbing clothes moths are found. This treatment is an adjunct treatment and will not control moth larvae already on the clothes. Do not apply FICAM PLUS to clothing.

To prevent recurrence of pest infestations, repeat applications as required.

**Food Handling Establishments** — Places other than private residences in which food is held, processed, prepared or served.

**Food Areas** — Application limited to spot or crack and crevice treatments only. For spot treatments, no individual spot will exceed two (2) square feet.

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 when food is exposed and facility is in operation are also considered a food area.

Prepare a spray solution as directed above and apply in small amounts directly into cracks and crevices using equipment capable of delivering a pinstream of insecticide 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 cockroaches, ants, silverfish, firebrats, spiders and crickets hide. Spot treatment using coarse spray may also be made to areas where any of the above pests hide or inhabit such as baseboards, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, the underside of shelves, drawers and similar areas.

Make applications using low pressure to avoid possible atomization or splashing of the spray. Avoid contamination of food or food processing surfaces.

**Non-Food Areas** — FICAM PLUS may be used as a crack and crevice treatment or as a spot application in non-food areas. All areas where insects hide or through which insects may enter should be treated.

#### OUTDOOR USE

**Perimeter Treatment** — Residual spray for control of ants, bees, brown dog ticks, centipedes, cockroaches, crickets, earwigs, firebrats, fleas, ground beetles, millipedes, pillbugs, scorpions, silverfish, sowbugs, spiders, (including Black

Widow spiders) and wasps. Mix one packet of FICAM PLUS per gallon of water and apply as a residual spray or with a paint brush to surfaces of buildings, porches, screens, window frames, eaves, patios, garages and other areas where these pests congregate.

To help prevent infestations of buildings by the above pests, treat a band of soil 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. Mix one packet of FICAM PLUS per gallon of water and apply as a coarse spray to thoroughly and uniformly wet the band area.

**Yard Treatment** — For the control of nuisance pest populations of ants, crickets, spiders, ground beetles, sowbugs and pillbugs, mix one packet of FICAM PLUS in five gallons of water and apply as a coarse spray to thoroughly wet the treated areas.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR 22 1981

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

45639-66

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

Harmful or fatal if swallowed. May cause eye irritation. May be absorbed through the skin. Avoid contact with eyes, skin and clothing. If contact occurs, wash skin and clothing immediately with soap and warm water, and eyes with clean water.

Avoid breathing and working in spray mist or dust.

Wash hands and exposed skin before eating, drinking or smoking and after spraying or handling. Wash all contaminated clothing thoroughly before re-use.

Do not apply to humans, their clothing or bedding.

Do not permit children or pets near treated surfaces until spray has dried completely.

With proper spraying, FICAM PLUS does not result in a visible deposit. However, if unevenly applied, or sprayed to run-off, a visible deposit may occur on some dark surfaces.

Do not apply this product in conduits, motor housing, junction and switch boxes or other electrical equipment because of possible shock hazard. If there is a need to treat such areas, use only oil-based sprays.

Do not use on or contaminate fruit, vegetables or other feed or food crops.

Do not store near feed or food products and do not contaminate these or food preparation surfaces, dishes, kitchen utensils and food containers with either concentrate or spray.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Keep out of lawn and garden fish pools. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment on residues on plants.

**DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of BFC Chemicals, Inc. is authorized to make any warranties beyond those contained herein or modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL BFC CHEMICALS, INC. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.

### STORAGE AND DISPOSAL

**Prohibitions:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**Pesticide Disposal:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.

**Container Disposal:** Packet — After insuring that both used packets and outer containers are empty, crush and dispose of in trash container.