

1769-53

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 6, 2012

Ms. Rachael Mohochi
Regulatory Specialist
NCH Corporation
2727 Chemsearch Boulevard
Irving, TX 75062-6454

Subject: Amended Reregistration Label
Product Name: PYRA-FOG™ 100
EPA Registration Number: 1769-53
EPA Decision Number(s): D410951, D412529 & D414503
Your E-Resubmissions Dated October 9, 2012 & October 11, 2012

Dear Ms. Mohochi:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the **REDs for Pyrethrins, Piperonyl Butoxide, and MGK 264 Insecticide Synergist**, and has concluded that your submission is acceptable.

PLEASE NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated March 8, 2010

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA.

If you have any questions about this letter, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov during the hours of 9:00 A.M. to 5:30 P.M. EST.

Sincerely Yours,

Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

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PYRA-FOG™ 100

Insect Spray

ACTIVE INGREDIENTS

Pyrethrins	0.111%
Piperonyl Butoxide*	0.278%
N-Octyl bicycloheptenedicarboximide	0.278%

OTHER INGREDIENTS**	<u>99.333%</u>
TOTAL	100.000%

*(Butylcarbityl) (6-Propylpiperonyl) ether and related compounds.

**Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION

(See elsewhere on the label for additional precautions.)

EPA Reg. No. 1769-53

EPA Est. No. 4140-

CA-1 IN-1 NJ-1 PR-1 TX-1 TX-2 TX-4 CAN-1

ACCEPTED

November 6, 2012

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

EPA Reg. No: 1769-53

PYRA-FOG 100 is a contact insecticide containing both pyrethrins and synergists that is formulated to kill accessible stages of roaches, silverfish, weevils infesting stored food products, bedbugs, flies and other listed insects. For best results, PYRA-FOG 100 should be used with electric sprayers, but hand or compressed air sprayers may be used.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Contains Petroleum Distillate. Harmful if swallowed or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber, or viton.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- long-sleeve shirt,
- long pants,
- shoes and socks,
- chemical-resistant gloves made of barrier laminate, neoprene rubber, nitrile rubber or viton (selection category E).

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- a cartridge or canister with any R,P or HE filter.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

FIRST AID

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED

- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give **any** liquid to the person.
- Do not give anything by mouth to an unconscious person.

IF INHALED

- Move person to fresh air.
- If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

IF IN EYES

- Hold eye open and rinse slowly and gently for 15-20 minutes.
- Remove contact lenses, if present after the first 5 minutes, then continue rinsing the eye.
- Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-424-9300 twenty-four (24) hours per day, seven (7) days per week.

DIRECTIONS FOR USE

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

USE RESTRICTIONS

Apply this product only as specified on this label.

Do not contaminate food or feedstuffs.

THIS PRODUCT IS FOR INDOOR USE ONLY.

This product is not for use in outdoor residential misting systems (indoor or outdoor), metered release misting systems, or indoor agricultural premises and commercial animal housing misting systems.

Do not exceed 135 grams (0.29 pounds) of product per 1,000 cubic feet (28.32 m³) during space spray or fogging applications.

Do not use in aircraft.

Do not use this product directly on domestic (companion) animals (dogs, cats, puppies, or kittens).

Direct application to food contact surfaces is prohibited.

Do not wet articles to the point of run-off or drip. Do not use treated articles until spray have dried.

When used as surface spray: Do not enter or allow others to enter until sprays have dried.

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When used as a space spray: Do not allow adults, children, or pets to enter treated area until aerosols mists, and vapors, have dispersed, and the treated area has been thoroughly ventilated.
 Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
 Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, mists, and/or vapors have dispersed.
 When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
 Application of this product is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.
 Remove pets, birds, and cover fish aquariums and ornamental fish ponds before spraying, and turn aquarium systems off prior to use.

INDOOR USE

During space spray or fogging applications, use at a rate of 82-128 grams (0.18-0.28 pounds) of product per 1,000 cubic feet (28.32 m³).

FOR STORED FOOD PESTS

SPACE SPRAY: For use in mechanical fogging, thermal fogging or spray equipment to kill accessible stages of Almond Moths, Angoumois Grain Moths, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, and Khapra Beetles.

Remove or cover exposed food and cover food handling surfaces in edible product areas of food handling establishments. Food contact surfaces must be thoroughly washed with an effective cleaning compound and rinsed with potable water after use of the product. **Direct application to food contact surfaces is prohibited. Do not allow spray to contact stored food or food contact surfaces. Do not make space spray applications when facility is in operation. Prior to space spray applications, cover and remove food, cover food processing surfaces or clean after treatment and before use. In the home, remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.**

Close room and shut off all air conditioning or ventilation equipment. Apply PYRA-FOG 100 at the equivalent rate of 5.63 fluid ounces of product per 1,000 ft³ (28.32 m³) of space, filling the room with mist. Vacate treated area and thoroughly ventilate before re-entry. Do not apply more than 1 time per day.

SURFACE SPRAY: To kill accessible stages or Drugstore Beetles, Earwigs, Silverfish, Beetles, Boxelder Bugs, Clover Mites, Crickets, and other listed insects, apply as a coarse wetting spray.

Apply PYRA-FOG 100 at the equivalent rate of 5.63 fluid ounces of product per 1,000 ft³ (28.32 m³) of surface. To ensure maximum kill of listed crawling insects, spray thoroughly in all cracks, molding, crevices, walls, floors and other surfaces, storage and handling areas, contacting as many insects as possible. Do not apply more than 1 time per day.

Good housekeeping makes for more effective insect kill and a definite savings in the amount of PYRA-FOG 100 required. Spray these areas thoroughly with PYRA-FOG 100 and replace food products. For packaged food, spray in such a manner that a light mist will fall upon the packages. For food products in sacks, spray thoroughly between and around sacks, paying particular attention to all cracks, crevices, walls and any other places that might offer shelter to the weevils.

FOR ROACHES, SILVERFISH and certain other crawling insects: Remove or cover exposed food and drinking water before application. Direct spray in such a manner as to penetrate all cracks, crevices and other hiding places. Thoroughly fog around shelves, under sinks, refrigerators, dishwashing machines and bottle washing

machines. Contact as many insects as possible. For routine kill, spray PYRA-FOG 100 at least once a week. For badly infested areas, spray daily. During the summer months, spraying twice a week is advisable.

FOR BEDBUGS: Thoroughly inspect area of suspected bed bug infestation, and note potential harborage sites or actual infestations. Remove and/or pick up clothing and other obstacles that may prevent thorough inspection or treatment. Remove and sanitize infested bedding (pillows and linens), clothing, or other items. Apply PYRA-FOG 100 on mattresses as a spot treatment to mattress seams, edges, and turfs to bed only. Do not use PYRA-FOG 100 on pillows, bed linens or clothes. Do not saturate mattress; and do not treat entire surface area of mattress. Allow mattress to dry thoroughly before replacing pillows and/or bed linens. Bed bugs may also harbor in areas of the room away from the bed. Apply PYRA-FOG 100 as a crack and crevice or spot application where evidence of bed bugs occurs. This includes bed frames, box springs, inside empty drawers and clothes closets, night stands and other furniture in the room, carpet edges, high and low wall moldings (such as floor molding or window casings) wall voids, behind wall hangings and mirrors, wallpaper edges and popcorn ceilings. Remove all clothing and other articles from dressers or closets before application. Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that interior framework is treated. Apply PYRA-FOG 100 as a surface application to carpet, drapes, and flooring. Allow all treated areas to dry thoroughly before use.

FOR FLIES AND MOSQUITOES: Close all doors and windows before spraying. Remove or cover exposed food and drinking water before application. Direct spray toward ceiling and continue spraying with PYRA-FOG 100 until area is thoroughly fogged. After 10 to 20 minutes, sweep up and destroy all fallen insects. Do not apply more than 1 time per day.

NOTE: Remove birds, pets and fishbowls before spraying room.

FOR FOOD HANDLING AND PROCESSING FACILITIES: When using PYRA-FOG 100 in food handling/process facilities, do not make space spray applications when facility is in operation. Prior to space applications, cover and remove food and cover food processing surfaces or clean after treatment and before use. The sprayed area should be sufficiently free of odor to prevent product contamination before foods are returned to treated area. Do not apply more than 1 time per day.

DO NOT TREAT BULK GRAIN PRODUCTS.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE AND SPILL PROCEDURES: Keep this product in its tightly closed original container, when not in use. Store in a cool dry (preferably locked) area that is inaccessible to children and animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

(For containers equal to or less than 5 gallons)

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities.

(For containers greater than 5 gallons)

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix. Fill container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities.

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See the Material Safety Data Sheet for more information.

For medical or environmental emergencies, call CHEMTREC® at 1-800-424-9300.

Not for Resale

[Label Code]

[Date Code]

[Batch Code]

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