

28293-216

1-21-2002

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
284957

## Application for Pesticide - Section I

1. Company/Product Number Unicorn Laboratories/ 28293-216	2. EPA Product Manager Marion Johnson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Unicorn Laboratories/ Unicorn IGR Concentrate	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Unicorn Laboratories 12385 Automobile Blvd. Clearwater, FL 33762 <input type="checkbox"/> Check if this is a new address	6. Expedited Review: In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  JAN 21 2002
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.) **Notification of label change relative to PR Notice 2001-6.** This notification is consistent with the guidance in PR Notice 2001-6 and the requirements of EPA's regulations at 40 CFR 156.10 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 2001-6 and the requirements of 40 CFR 156.10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Lee Tharrington	Title Director, Regulatory Affairs	Telephone No. (Include Area Code) (727) 578-4545
2. Signature 		6. Data Application Received (Stamped)
3. Title Director, Regulatory Affairs		
4. Typed Name Lee Tharrington	5. Date 1/15/02	

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# UNICORN IGR CONCENTRATE

Emulsifiable Concentrate for Fleas  
and Listed Roaches with NYLAR<sup>(R)</sup> Insect Growth Regulator

## ACTIVE INGREDIENTS

2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine..... 1.30%

INERT INGREDIENTS..... 98.70%

**Total:** 100.00%

NYLAR<sup>(R)</sup> - Registered trademark of McLaughlin Gormley King Co.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**See Side/Back Panel for Additional Precautionary Statements**

NET CONTENTS:

**MANUFACTURED BY:**

Unicorn Laboratories  
12385 Automobile Blvd.  
Clearwater, FL 33762

**NOTIFICATION**

**JAN 21 2002**

[ ]OR( ) indicates alternate or optional wording

- An insect growth regulator similar to the naturally occurring insect growth hormones which interferes (stops) their growth or development.
  - Stops (prevents) the flea and certain listed cockroaches from developing into egg laying adults.
- Can be used as part of an integrated pest management [IPM] program.
  - Can be a biorational approach to insect control.
  - Keeps working in areas exposed to the sun for up to 14 days.
- Inhibits reinfestation by fleas for up to [210 days][30 weeks][7 months].
  - If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adults.
- Kills preadult [larval] fleas, including eggs for [210 days][30 weeks][7 months].
  - Prevents larval fleas from developing into the biting adult stage.
  - Prevents [stops] hatching fleas [preadult(larval) fleas][eggs(hatching eggs)(larvae) from becoming full grown [developing into] biting adults.
  - One treatment works for [210 days][30 weeks][7 months] against hatching fleas [preadult (larval) fleas][eggs (hatching eggs)(larvae)]
    - Prevents new [tomorrow's] fleas from growing up to bite.
    - Activity keeps working for [210 days][30 weeks][7 months].
      - Effective long term control
- Controls [stops (kills)(prevents)] stages of fleas that don't resemble fleas.
  - Prevents [stops] the emergence of adult fleas.
- Flea eggs deposited on treated areas will not develop into adult fleas.
  - Larvae crawling onto treated areas will not develop into adult fleas.
- Acts on the immature life stage of the flea, preventing it from developing into biting adults.
  - Prior to the flea season, previously known infested areas can be pretreated to reduce the developing population.
    - Effectively breaks certain listed cockroach life cycle.
- Keeps working on listed cockroaches for 180 days [26 weeks][6 months].
  - Works with nature to interrupt [break] the life cycle of listed cockroaches.
- Inhibits reinfestation by listed cockroaches for up to 180 days [26 weeks][6 months].
  - Effectively controls [eliminates] listed cockroach populations by preventing reproduction [thereby eliminating future generations].
    - Prevents [stops] [inhibits] listed nymphal cockroaches from becoming adults [breeding adults] [reproductive adults][egg laying adults].
      - One treatment stops listed cockroaches from generating reproductive offspring for [180 days][26 weeks][6 months].

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Wash with soap and water after use. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

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**Physical or Chemical Hazards**

Do not use or store near heat or open flame.

<b>FIRST AID</b>	
<b>If In Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If On Skin:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool, dry place. Keep container closed.

**DISPOSAL:** Empty - Do not reuse this container. If empty, recycle if possible. If not, dispose of in a sanitary manner. If partly filled - Call your local solid waste agency for disposal instructions. Never place unused product down any indoor drain.

**FOR USE IN INDOOR AREAS SUCH AS:**

Animal Quarters (enclosed premise treatment), Apartments, Atriums, Attics, Bathrooms, Basements, Bedrooms, Cabinets, Cabins, Campers, Carpet, Cat Living (Sleeping) Quarters [enclosed premise treatment], Chests, Closed Porches, Closets, Clothes Storage, Commercial Buildings, Condominiums, Crawl spaces, Crematoriums, Day Care Centers, Decks, Dens, Dog Houses, Dog Living [Sleeping] Quarters, Dog Kennel Runs, Dormitories, Draperies, Dressers, Fabric Storage Areas, Factories, Floors, Funeral Parlors, Furniture, Garages, Garbage Areas, Garbage Cans, Gazebos, Homes Hospitals, Hotels, Industrial Plants, Institutions, Jails, Kennels, Lanais, Living Rooms, Locker Rooms, Mausoleums, Mobile Homes, Morgues, Mortuaries, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Pantry, Patios, Pet Bedding, Pet Carriers, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Pet Quarters [enclosed premise treatment], Play Houses, Play Rooms, Porches, Prisons, Recreational Areas indoors, Recreation Vehicles, Rooms, Rugs, Schools, Shutters, Side Yards, Solariums, Storage Areas, Sun Rooms, Sun Porches, Theaters, Town House, Trailers, Trains, Tree Houses, Upholstered Furniture, Utility Room Indoor, Utility Room Outdoor, Verandas, Veterinaries, Warehouses, Washrooms.

**DIRECTIONS FOR USE**

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

**READ ALL DIRECTIONS COMPLETELY BEFORE USE**

EPA EST. NO. 62473-FL-1A  
 44616-MO-1B  
 Subscript used is first letter  
 of run code on container.

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For best results, follow directions for specific use areas. do not use this product in or on electrical equipment due to possibility of shock hazard.

Avoid excessive wetting of carpet, draperies and furniture. Always test in an inconspicuous [hidden] area prior to use as some natural and synthetic fibers may be adversely affected by any liquid product.

**FOR FLEA CONTROL:**

The active ingredient in this concentrate is NYLAR®, an insect growth regulator.

It is similar to insect growth hormones that occurs naturally in insects and acts on the immature life stages of the flea, preventing the adult flea from developing. Flea eggs deposited on treated areas will not develop into adult fleas. Flea larvae crawling onto treated surfaces will also not develop into adult fleas. The unique properties of NYLAR® eliminates the flea population, when used as directed. It causes a gradual reduction and ultimate elimination of the flea population by breaking the reproductive cycle. It stops [blocks (interrupts)(terminates)] the flea life cycle and inhibits (stops) the development of the immature stages of the flea [preadult (larval) fleas][eggs (hatching eggs)(larvae) for [210 days][30 weeks][7 months] preventing them from reaching the biting adult stage. Existing adult fleas and flea pupae are not affected.

If a high population of adult [the biting stage] fleas are present, the use of an adulticide may be necessary for immediate relief [control]. This Concentrate may also be combined with a flea adulticide. This product compliments the rapid activity of the adulticide by providing long term control of preadult fleas [hatching (larval) fleas (eggs) (hatching eggs) (larvae)] before they grow up to be biting adults.

Flea control on pets is important in the prevention of the introduction of adult fleas. Pets, their bedding and the areas they frequent should also be treated with EPA registered flea and tick control products, as part of a complete flea control program in conjunction with this application to minimize the introduction of adult fleas.

This Concentrate can be used prior to the flea season. Application of this product in areas where pets and other animals are known to frequent and where previous infestations have been known to occur, will prevent [stop] the emergence of adult fleas and also control [stop (kill)] stages of fleas that don't resemble fleas. This early usage could reduce the need for conventional insecticides when used alone as directed. Pretreatment of these areas before the fleas become biting and reproductive adults will aid in reducing developing populations.

**INDOORS:**

**Prior to treatment, carpets, draperies and upholstered furniture should be vacuumed thoroughly and the vacuum cleaner bag disposed of in an outdoor trash receptacle.**

**INSTRUCTIONS FOR USE:** This Concentrate is intended to be mixed with water and applied with spray equipment such as any low pressure sprayer [tank type sprayer][tripper sprayer] typically used for indoor application.

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**SPRAY PREPARATION:** Prepare a diluted spray solution by adding 1 ounces per gallon of water. Partially fill the mixing container with water, add Concentrate, agitate and fill to final volume. Do not allow spray mixture to stand overnight. Mix before each use.

**IN CONJUNCTION WITH AN ADULTICIDE INSECTICIDE:** This Concentrate may be combined with an insecticide registered for adult control of fleas. The combination would provide immediate relief [control] of adult fleas and inhibit the development of the immature stages of the flea [preadult (larval) fleas][eggs (hatching eggs)(larvae)] for [210 days][30 weeks][7 months]. This application should conform to accepted use precautions and directions for both products. Use this Concentrate at application rates specified above.

**GENERAL SURFACE APPLICATION:** Apply diluted spray at the rate of 1 gallon per 1,500 square feet of surface area. Treat all areas which may harbor fleas, including [such as] carpets, furniture, pet sleeping areas and throw rugs. Treat under cushions of upholstered furniture. Do not allow children or pets to contact treated surfaces until spray has dried. Repeat as necessary.

**IN KENNELS AND DOGHOUSES:** Treatment of these areas will control [kill(stop)] the development of preadult [larval] fleas [larvae (hatching eggs)] from becoming biting and reproductive adult fleas. Using an adjustable hose-end sprayer, tank type sprayer or sprinkling can, prepare a diluted spray solution by adding 1 ounces per gallon water. Partially fill the sprayer with water, add required amount of concentrate in sprayer, agitate and fill to final volume. Agitate before each spray. Do not allow the spray mixture to stand overnight. Apply at a rate of 1 gallon diluted solution per 1,500 square feet of surface area. Apply to building, resting areas, walls, floor, animal bedding and run areas. Remove animals before spraying and do not return animals to treated areas until spray has dried completely. Pets and their bedding should also be treated with EPA registered flea and tick control products, in conjunction with this application as part of a complete flea control program to prevent the introduction of adult fleas. Repeat as necessary.

**FOR GERMAN, ASIAN, AND BROWN BANDED COCKROACH CONTROL:**

The active ingredient in the Concentrate is NYLAR, an insect growth regulator. It is similar to insect growth hormones that occur naturally in insects and acts on the immature life stages of the cockroach preventing [stopping (inhibiting)] nymphal cockroaches from developing into adults [breeding adults][reproductive adults][egg laying adults]. Shortly after application of this Concentrate, cockroaches with twisted wings will begin to appear indicating that it has taken effect - those cockroaches with twisted wings are unable to reproduce. The unique properties of this Concentrate eliminates the cockroach population, when used as directed. One treatment works for [180 days][26 weeks][6 months] against hatching cockroaches [nymphal (preadult) cockroaches][hatching eggs (nymphs)].

If a high population of adult cockroaches are present, the use of an adulticide may be necessary for immediate relief [control]. NYLAR® causes a gradual reduction in the cockroach population by interrupting [breaking] the life cycle of the cockroach and preventing the cockroaches from breeding. This Concentrate may also be combined with a cockroach adulticide. This Concentrate compliments the rapid activity of the adulticide by providing long term control of cockroach nymphs [preadult (nymphal) cockroaches] before they become breeding adults [reproductive adults][adults].

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44616-MO-1B  
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of run code or: cc.ntair.er.

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**INDOORS:**

**INSTRUCTIONS FOR USE:** This Concentrate is intended to be mixed with water and applied with spray equipment such as any low pressure sprayer [tank type sprayer][trigger sprayer] typically used for indoor applications.

**SPRAY PREPARATION:** Prepare a diluted spray solution by adding 2 ounces per gallon of water. Partially fill the mixing container with water, add Concentrate, agitate and fill to the final volume. Agitate before each spray. Do not allow spray mixture to stand overnight.

**IN CONJUNCTION WITH AN ADULTICIDE INSECTICIDE:**

This Concentrate may be combined with an insecticide registered for adult control of cockroaches. The combination would provide immediate relief [control] of adult cockroaches and inhibit the development of the immature stages of the cockroach [preadult (nymphal) cockroaches][hatching eggs (nymphs) for (180 days)[26 weeks][6 months]. This application should conform to accepted use precautions and directions for both products. Use this Concentrate at application rates specified above.

**GENERAL SURFACE APPLICATION:**

**COCKROACHES - Brown Banded Cockroach, Asian Cockroach, German Cockroach and Cricket:** Apply diluted spray at the rate of 1 gallon per 1,000 square feet of surface area as a spot treatment, surface application and crack and crevice spray. Contact as many insects as possible with this spray in addition to thorough spraying of all parts of the room suspected of harboring these pests. Special attention should be paid to hiding places such as beneath sinks, behind and beneath stoves and refrigerators, cracks and crevices, around garbage cans, cabinets, along the outside of baseboards, door and window sills, door and window frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas, infested furniture and the inside of cabinets and closets hitting insects with spray whenever possible. Repeat as necessary.

**NOTE: NOT LABELED FOR USE IN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS**

**SPOT AND CRACK AND CREVICE APPLICATIONS:** Apply diluted spray solution using a pressurized spray system capable of delivering a pin-point or variable spray pattern. Crack and Crevice applications may be made directly to areas such as but not limited to crevices, baseboards, floors, ceilings, walls, expansion joints, molding, areas around water and sewer pipes, voids where pests can hide and similar areas. Spot treatments may also be made to areas including but not limited to storage area, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment shelves, drawers and similar areas.

**WAREHOUSES:** This Concentrate may be applied as a general surface, fogger, spot or crack and crevice treatment in nonfood storage warehouses or in warehouses where stored food items are limited solely to either bottled or canned items, so that food contact is not anticipated. Apply to all areas that may harbor pests, including under and between pallets.

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44016-MO-1B  
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