



028293-00126-122298

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Systems Integration Group, Inc.

PM 03

28293-126

12/22/98

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other NOTIFICATION

OPP Identifier Number
246731

Application for Pesticide - Section I

1. Company/Product Number 28293-126 Unicorn Permethrin Dust	2. EPA Product Manager LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Unicorn Permethrin Dust	PM# 013	
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 _____	NOTIFICATION DEC 22 1998
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below. Per PR Notice 98-10 Minor Level chg consistent w/40CFR Part 156	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 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 terms of PRN 98-10 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 & 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 checked="" 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 Barry J. Santerre	Title 11/5/98	Telephone No. (Include Area Code) (813) 578-4545
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Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title President/Product Mgr.	
4. Typed Name Barry J. Santerre	5. Date 11/5/98	

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**UNICORN
PERMETHRIN DUST**

**NOTIFICATION
DEC 22 1998**

[] Indicates alternate or optional wording

For Use On:

[Can be used on]

- *Livestock*
- *Pets*
- *Home Ornamentals*
- *Home Gardens*
- **Kills [over] 60 [60+] [types of] Insects
[on Vegetables, Ornamentals, Fruits]**
- **Effective Long Lasting Control**

[For Home Gardens - Vegetables, Fruit Trees and Ornamental Plants]

ACTIVE INGREDIENT:

Permethrin (3-phenoxyphenyl) methyl (\pm) cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate * 0.25%

INERT INGREDIENTS: 99.75%

Total: 100.00%

* Cis/trans ratio: Min. 35% (\pm) cis
 Max. 65% (\pm) trans

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel for Additional Precautions

NET CONTENTS:

MANUFACTURED BY:

Unicorn Laboratories
12385 Automobile Blvd.
Clearwater, Florida 33762
(813) 578-4545

- READ ENTIRE LABEL BEFORE EACH USE.
- FOR PET USE - USE ONLY ON CATS OR DOGS.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Humans: Harmful if swallowed, inhaled. Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly with soap and water after handling. Avoid contamination of feed and foodstuffs. **Animals:** Harmful if swallowed, inhaled. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medication. Sensitivities may occur after using **ANY** pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

Statement of Practical Treatment/ First Aid

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Physical and Chemical Hazards

Do not use or store near heat or open flame.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

BEEF AND DAIRY CATTLE AND HORSES:

Can be used in dust bags, shaker can and mechanical dust applicator. **Horn Flies, Lice, Face Flies:** Place contents of this package in any commercially available dust bag, suspend bag in areas frequented by cattle or in gateways or lanes through which the animals must pass daily for water, feed, or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders. For dairy cows, bags may be suspended in the exit through which the cows leave the milking barn. The bags should hang 4 to 6 inches below the back line of the cattle. For reduction of Face Flies, bags must be located so animals will be forced to use them daily and hung at a height so that the face is dusted. **Horn Flies, Lice Direct Application:** Apply 2 oz. of dust per animal by shaker can over the head, neck, shoulders and back and tailhead. Repeat as necessary.

HORSES: Dust horse for Hornflies with shaker can or dust glove along back, neck and legs.

SWINE: Lice on Swine Direct Application: Apply only 1 ounce per head as a uniform coat to the head, shoulder and back by use of a shaker can or suitable mechanical dust applicator. Repeat as necessary but not more often than once every 10 days. In severe infestation, both animals and the bedding may be treated. Do not ship animals for slaughter within 5 days of treatment.

POULTRY: To control Northern Fowl Mites, apply at a rate of 1 lb per 100 birds. Ensure thorough treatment of vent area.

PETS: To control Fleas, Ticks and Lice on Cats and Dogs, dust animals thoroughly, working the dust into the hair down to the skin. Pay close attention to legs and feet. Use 1/2 oz. on animals 20 pounds and under and 1 oz. on pets over 20 pounds. Avoid getting dust in pet's eyes. Reapply every two (2) weeks as needed. Do not use on cats or dogs under twelve (12) weeks of age. Dust sleeping area including bedding and cracks and crevices.

HOME GARDENS: *For Use on Home Gardens. Not for Use on Plants being grown for Sale or other Commercial Use.*

Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. (Many insects hide on the underside of the leaf). **Apply when air is calm to avoid drift and contact with eyes and skin.**

Controls a wide range of insect pests. Use at first signs of insect infestation, preferably before damage from feeding occurs. **Note the pre-harvest (time between use and harvest) interval with each crop listed.**

Directions for Application		
Crop	Target Pest	Remarks
Cole Crops		
Broccoli	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.
Brussel Sprouts	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.

Directions for Application		
Crop	Target Pest	Remarks

Cole Crops (continued)

Cabbage	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest.
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Cauliflower	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.
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Chinese Broccoli* (gai lan, white flowering)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.
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* Not for use in California

Chinese Cabbage (tight-heading varieties only)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest.
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Collards (For use in AR, AZ, GA, IL, NC, OK, SC & TX only)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.
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Cucurbit Vegetables

Cucurbit Vegetables*	Leafminer Squash Bug Cabbage Looper Cucumber Beetle (adult) Cutworm Melon Worm Pickle Worm Plant Bug (including Lygus and Stink Bug) Rindworm Squash Vine Borer	Dust lightly. Apply up to 8 times per season. May be applied until harvest.
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Directions for Application		
Crop	Target Pest	Remarks

***Cucurbit Vegetables are: Chayote(fruit), Chinese Waxgourd, citron melon, cucumber(gherkin), gourds(edible includes hyotan, cucuzza, hechima, Chinese Okra), Momordica spp.(includes balsam apple, balsam pear, bitter melon, Chinese cucumber), muskmelons(includes true cantalope, cantalope, casaba, crenshaw, golden porshaw, honeydew melons, honey bells, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon, pumpkin, squash (summer such as crookneck, scallop, straightneck, vegetable marrow, zucchini), squash(winter such as butternut, calabaze, hubbard, acorn spaghetti), watermelon(includes hybrids).**

Fruiting Vegetables

Eggplant	Colorado Potato Beetle Vegetable Leafminer Cabbage Looper Flea Beetle	Dust lightly. Apply up to 10 times per season. May be applied until 3 days before harvest.
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Peppers (Bell)	Pepper Weevil Vegetable Leafminer Cabbage Looper Flea Beetle European Corn Borer	Dust lightly. Apply up to 8 times per season. May be applied until 3 days before harvest.
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Tomatoes	Tomato Fruitworm Cabbage Looper Tomato Pinworm Vegetable Leafminer Beet Armyworm Southern Armyworm Colorado Potato Beetle Granulate Cutworm Hornworm	Dust lightly. Apply up to 6 times per season. May be applied until day of harvest.
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Leafy Vegetables

Leafy Vegetables* (Except brassica)	Vegetable Leafminer Cabbage Looper Cutworm Complex Fall Armyworm Beet Armyworm Corn Earworm Leafhopper European Corn Borer	Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest.
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Directions for Application		
Crop	Target Pest	Remarks

*Leafy vegetables are: Amaranth, arugula, cardoon, celery, chinese celery, celtuce, chervit, corn salad, chrysanthemum, edible-leaved chrysanthemum, garland, cress(garden, yellow rocket and winter), dandelion, dock(sorrel), endive, fennel, lettuce (head and leaf), orach, parsley, purslane(winter and garden), radicchio, rhubarb, spinach, spinach vine(Malabar spinach and Indian spinach), spinach(New Zealand), Swiss Chard.

Root, Tuber, and Bulb Vegetables

Onions (Dry bulb and Garlic)	Onion Thrips Armyworm Cutworm Leafminer Onion Maggot(Adult) Stink Bug	Dust Lightly. Apply up to 6 times per season. May be applied until 1 day before harvest.
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Potatoes	Colorado Potato Beetle Potato Leafhopper Aster Leafhopper Potato Flea Beetle Potato Aphid Potato Tuberworm Potato Psyllid Cabbage Looper	Dust lightly. Apply up to 8 times per season. May be applied until 14 days before harvest.
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Turnips (FL, GA, IL, IN, OK, SC, TX, WA only) (TX, OK, IL, IN only) (SC, GA, FL, WA only)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. May be applied until 1 day before harvest. Apply up to 8 times per season Apply up to 4 times per season
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Cereal Grains Sweet Corn (FL only)	Corn Earworm European Corn Borer Fall Armyworm Southern Armyworm Corn Rootworm(Adult) Cutworm Aster Leafhopper Flea Beetle	Dust lightly. Apply up to 6 times per season. May be applied until 1 day before harvest. Apply up to 8 times per season.
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Directions for Application		
Crop	Target Pest	Remarks

Other Crops

Artichokes	Artichoke Plume Moth	Dust lightly. Apply up to 5 times per season. May be applied until day of harvest.
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Asparagus	Cutworm Complex Asparagus Beetle	Dust lightly. Apply up to 4 times per season. May be applied until 1 day before harvest..
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Ornamentals

Asparagus Fern	Japanese Beetle Asparagus Beetle Lygus Bug	Dust lightly. Apply to the fern stage of asparagus plant after speer harvest when adult stage of the asparagus beetle, lygus bugs and the adult stage of the Japanese beetle are present.
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Roses	Beet Armyworm Cabbage Looper Omnivorous Leafroller	Dust lightly.
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Tree Crops

Dust lightly, using a dust gun or rotary duster.

Almonds	Navel Orangeworm Peach Twig Borer	Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest
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Apples	Apple Aphid Redbanded Leafroller Obliquebanded Leafroller Plum Curculio White Apple Leafhopper Spotted Tentiform Leafminer Tarnished Plant Bug	Dust lightly. Do not apply after petal fall.
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Directions for Application		
Crop	Target Pest	Remarks

Tree Crops (continued)

Avocados	Thrips Leafhopper Mirid Bug Lepidopterous Larvae	Dust lightly. Apply up to 6 times per season. May be applied until 7 days before harvest.
Cherries	Lesser Peachtree Borer Rose Chafer Green Fruitworm Redbanded Leafroller Plum Curculio Tarnished Plant Bug	Dust lightly. Apply when insects appear in the East: do not exceed 6 applications per season, with no more than 4 applications after petal fall. In the West: do not apply more than 4 applications per season, with no more than 3 applications after petal fall.
Filberts	Filbertworm Obliquebanded Leafroller	Dust lightly. Apply up to 4 times per season. May be applied until 14 days before harvest.
Papaya (For use in Florida only)	Fruit Fly	Dust lightly. Apply up to 6 times per season. May be applied until 7 days before harvest.
Peaches	Peach Twig Borer Oriental Fruit Moth Green Fruitworm Lesser Peachtree Borer Plum Curculio Tarnished Plant Bug Rose Chafer	Dust lightly. Apply up to 5 times per season. May be applied until 14 days before harvest.
Pears (Dormant)	Pear Psylla	Dust lightly. Apply up to 2 times per season. May be applied during the dormant through the delayed dormant growth periods only.

Directions for Application		
Crop	Target Pest	Remarks

Pears(Pre-Bloom)	Pear Psylla Codling Moth Green Fruitworm	Dust lightly. Apply up to 2 times per season. May be applied from dormant through bud burst.
Pistachios	Peach Twig Borer Navel Orangeworm	Dust lightly. Apply up to 2 times per season. May be applied until 10% hull split.
Walnuts	Navel Orangeworm Codling Moth Walnut Husk Fly	Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest

STORAGE AND DISPOSAL

STORAGE: Store in cool, dry place. Do not contaminate feed or foodstuffs by storage or disposal.

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

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

