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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

NOV 1 1999

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

John S. Thornton, Director
Product Registrations and Regulatory Affairs
Bayer Corporation
Agriculture Division
8400 Hawthorn Road
P.O. Box 4913
Kansas City, MO 64120-0013

Subject: Amendment -Label Change/Alternate Brand Name
Laser Ant & Roach Killer Pump Spray II
EPA Registration No. 3125-530
Your submissions dated August 27, 1999 and October 22, 1999

Dear Mr. Thornton:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. A stamped copy of the labeling is enclosed for your records. Submit two copies of finished labeling before you release the product for shipment.

- 1. Reinstate the statement "For Indoor/Outdoor Residential Use Only" to a position above the "Keep Out of Reach of Children" statement".
2. Words or phrases implying that a product possesses unique characteristics because of its composition are not acceptable. The alternate brand name, Bayer ADVANCED HOME Home Pest Control Indoor & Outdoor Insect Killer Ready-to-Use, must be modified by deleting the phrase "ADVANCED HOME" from the product name. As stated in your letter of April 23, 1999, the formulation of this product is substantially similar to that of TEMPO Concentrate, EPA Reg. No. 3125-502 and there has been no change to the CSF of the cited product since the previously approved label. Further, since there has been no change in the product formulation (CSF) since the initial registration, the phrase "ADVANCED HOME" is considered false and misleading and, as such, is not considered acceptable either as part of the product name or as a separate marketing claim. We note that our letter of July 28, 1999 regarding the unconditional registration of this product required that the phrase "ADVANCED DOUBLE PROTECTION FORMULA" be

Table with columns: SYMBOL, SURNAME, DATE, and text content. Includes handwritten entries: RWC, SP, 11/1/99. Text includes: deleted from the front panel of the proposed label. This statement is a comparative advertising claim relative to effectiveness and may be false or misleading in comparison with other products that don't include such a statement on their labels. According to 40 CFR 156.10(a)(5), no advertising claims may be false or misleading in any way. In addition, claims that are exaggerated or unsubstantiated can not be made on the label.

3. Add the phrase "vapors or " to the statement "Avoid breathing spray mist" under the Precautionary Statements section. This was brought to your attention in our previous letter.

Since the labeling submitted with your October 22, 1999 letter is substantially similar to that approved on July 28, 1999, is in finished format and the above requested revisions do not raise risk concerns associated with the use of this product, we will allow you to use this labeling for a period not to exceed January 31, 2000. Products released for shipment after January 31, 2000 must bear labeling revised in accordance with this letter.

If you have any questions, please call Dr. William Sproat of my team at 703-308-8587.

Sincerely,

George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505C)

Enclosure

Bayer 

# ADVANCED HOME™

## Home Pest Control Indoor & Outdoor Insect Killer

READY TO USE

- ▶ Kills ants & roaches in **SECONDS**
- ▶ Kills a wide range of crawling, flying, & wood infesting pests

KEEP OUT OF REACH OF CHILDREN  
**CAUTION** See back panel for ingredients and precautionary statements  
 HARMFUL IF SWALLOWED  
 CAUSES EYE IRRITATION  
 FOR RESIDENTIAL USE ONLY  
 309909 RLO



REGISTERED  
 TRADEMARK OF  
 BAYER AG, BERLIN, GERMANY

NOV 1 1999

3125-530



**Home Pest Control**  
Indoor & Outdoor Insect Killer  
READY-TO-USE

Bayer Advanced Home Pest Control provides up to 4 months of insect protection with a single application. Keeping your home free of nuisance pests has never been easier.

READ THE LABEL FIRST!

QUICK FACTS	
<ul style="list-style-type: none"> <li>• Kills Ants and Roaches in Seconds</li> <li>• Continues Killing Up to 4 Months Indoors</li> <li>• Keeps Listed Insects Out of Your Home</li> <li>• Non-staining</li> </ul>	
KILLS	Ants, Cockroaches, Fleas, Spiders and other listed pests
WHERE TO USE	Indoor as spot or crack and crevice spray. Outdoor as perimeter treatment.
RE-ENTRY	Re-enter when spray is dry
For questions or comments, call toll-free 1-877-BayerAH www.AdvancedHomeCare.com	

**INGREDIENTS**  
ACTIVE INGREDIENT: Cyfluthrin 0.1%  
OTHER INGREDIENTS: 99.9%  
100.0%

\*Common chemical name for Cyfluthrin  
\*\*Other ingredients include: Purified water, organic solvent (less than 0.3%, to dissolve the active ingredient for mixing) and surfactants (to keep the active ingredient dispersed in water).

EPA Reg. No. 3125-S30  
EPA Est. No. indicated by 2nd and 3rd digits of the batch number on this package.  
(65) = 10370-TX-1 (92) = 34704-MS-2 (39) = 58996-MO-1

DIRECTIONS FOR USE	
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For best results read and follow all label directions.	
<b>BEFORE YOU USE</b>	<ul style="list-style-type: none"> <li>• Indoors, do not use as a space spray (do not spray into the air)</li> <li>• Do not spray into fish pools, ponds, streams, or lakes.</li> <li>• Remove animal feeding dishes before spraying.</li> <li>• Keep children and pets away from treated areas until spray has dried.</li> <li>• Do not use on surfaces where food is prepared or where food is exposed.</li> <li>• Before spraying indoors, remove birds from area and tightly cover or remove fish bowls and aquariums.</li> </ul>
Read and follow these directions when using:	
<b>HOW TO USE</b>	
<b>INDOOR USE</b>	<ul style="list-style-type: none"> <li>• Hold container upright while spraying. Direct nozzle about 12 inches from surface to be treated.</li> <li>• Spray around baseboards, into cracks and crevices and other places where insects live and hide under sinks, cabinets, refrigerators, damp areas, etc.) until surfaces are wet. Avoid excessive wetting of linoleum, asphalt tiles or plastic. Spray directly on insects if possible.</li> <li>• For long lasting residual action leave spray undisturbed. The product will keep on killing for up to 4 months.</li> </ul>

DIRECTIONS FOR USE (cont'd)	
<b>OUTDOOR USE</b>	
<ul style="list-style-type: none"> <li>• Apply to exterior surfaces of the home.</li> <li>• Spray a band 3 to 4 feet wide around and alongside the foundation and porches of the house.</li> <li>• Treat soil, turf or walkways adjacent to foundation and porches. Also treat 1 to 2 feet up along the side of the dwelling.</li> <li>• For more serious problems, a wider band of treatment, up to 10 feet, may be necessary.</li> <li>• Spray with the wind to avoid drifting of the spray onto skin or clothing.</li> <li>• Treat where dissimilar building materials meet, such as where brick meets wood trim or where siding meets window edges or where cracks are visible or around and into any openings where utilities enter the home. Spray around doors and window frames.</li> <li>• Treat outside surfaces of garages, carports, patios, driveways and sidewalks if insects are present.</li> <li>• Treat other problem areas such as around wood piles, storage sheds and other areas of insect infestation as needed. Spray on ant trails and ant hills.</li> <li>• For wasps, hornets, yellow jackets: Application to nests should be made late in the evening when insects are at rest.</li> <li>• To aid in control of fire ants in lawns and other outdoor home recreation areas, thoroughly drench the entire mound area. Spray provides contact activity and residual in the active mound. Use a coarse spray and apply gently to avoid disturbing ants.</li> <li>Note: For best results apply in cool weather 65 to 80° F, or in early morning or late evening hours. Treat new mounds as they appear.</li> </ul>	
<b>WOOD INFESTING PESTS</b>	
<ul style="list-style-type: none"> <li>• For control of termites and wood-infesting beetles found above ground, apply to voids and holes in damaged wood, and in spaces between wooden structures and between the sill plate and foundation where wood is exposed.</li> <li>• Apply spray to exposed worker and winged reproductive forms of termites. This type of application is intended to be a supplemental treatment for control of drywood- and above-ground subterranean termites and other wood-infesting insects. It is not intended as a substitute for soil treatments for termite control.</li> <li>• For control of swarming or reproductive stages of termites, apply a coarse spray to the swarm or area on which they collect.</li> <li>• For control of carpenter ants around houses and other structures, apply around doors and windows and other places where carpenter ants may enter the premises. Spray into cracks and crevices or voids where these ants or their nests are present. Use a sufficient amount of coarse spray to cover the area.</li> <li>• For control of carpenter bees in structures, spray the liquid directly into bee entrance holes. Leave the entrance holes open for 24 hours to be certain that returning adult bees are killed. When there is no activity, the hole may be sealed with a suitable sealant.</li> </ul>	

PESTS CONTROLLED	
<b>INDOOR PESTS</b>	
<b>1. Crawling Pests</b> Ants (except Pharaoh), Bedbugs, Carpet Beetles, Centipedes, Cockroaches, Crickets, Earwigs, Firebrats, Millipedes, Pillbugs, Silverfish, Sowbugs, Spiders <b>2. Flying Pests</b> Clothes Moths, Flies, Gnats, Midges, Mosquitoes, Moths, Wasps, Yellow jackets <b>3. Pantry &amp; Stored Product Pests</b> BEETLES (exposed adults & immature stages): Cadelle, Cigarette, Confused Flour, Dermisid, Drug-store, Granary Weevil, Hide, Larder, Leather, Lesser Grain Borer, Lesser Mealworm, Merchant Grain, Mealworm, Red Flour, Rice Weevil, Sawtoothed Grain, Warehouse MOTHS: Indian Meal, Mediterranean Flour	
<b>WOOD INFESTING PESTS</b>	
BEETLES: Ambrosia, Deathwatch, False Powderpost, Old House Borer, Powderpost, Carpenter Ants, Carpenter Bees TERMITES: Subterranean, Formosan, Drywood	
<b>OUTDOOR/PERIMETER PESTS</b>	
Ants, Bees, Boxelder Bugs, Carpenter Ants, Cicadellids, Centipedes, Cuscutaries, Cockroaches, Crickets, Elm Leaf Beetle, Fire Ants, Firebrats, Flies, Fleas, Gnats, Ground Beetles, Hornets, Imported Red Fire Ants, Midges, Millipedes, Mosquitoes, Moths, Scorpions, Silverfish, Spiders, Ticks (including Deer Ticks), Wasps, Yellow jackets	

IMPORTANT-Directions for Storage and Disposal	
<b>STORAGE CONDITIONS</b>	Store in an area out of reach of children, preferably a locked storage cabinet. Protect from freezing.
<b>DISPOSAL</b>	<ul style="list-style-type: none"> <li>• Do not reuse empty container.</li> <li>• Wrap empty container in newspaper or place in paper or plastic bag (such as a grocery bag).</li> <li>• Dispose in trash.</li> </ul>
Important: It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow all state and local guidelines. Never pour any insecticide down the drain or storm sewer.	
PRECAUTIONARY STATEMENTS	
<b>Hazards to Humans and Domestic Animals</b>	
<b>CAUTION</b>	<ul style="list-style-type: none"> <li>• Harmful if swallowed or inhaled.</li> <li>• Causes eye irritation.</li> <li>• Avoid contact with skin, eyes, or clothing.</li> <li>• Avoid breathing spray mist.</li> <li>• Wash thoroughly with soap and water after handling.</li> <li>• Remove contaminated clothing and wash clothing before reuse.</li> </ul>
FIRST AID	
<b>IN THE CASE OF ACCIDENTAL...</b>	<b>IMMEDIATELY...</b>
<b>SWALLOWING</b>	<ul style="list-style-type: none"> <li>• If the person is able to swallow:</li> <li>• Have them sip 1 to 2 glasses of water.</li> <li>• Call a doctor or poison control center for further treatment advice.</li> </ul>
<b>CONTACT WITH EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water.</li> <li>• Continue to rinse eye for 10 to 15 minutes.</li> <li>• Call a doctor if irritation persists.</li> </ul>
<b>INHALATION</b>	<ul style="list-style-type: none"> <li>• If breathing is affected, move person to fresh air.</li> <li>• Contact doctor or poison control center for further treatment advice.</li> <li>• If not breathing, call an ambulance and give artificial respiration.</li> </ul>
NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel.	
For medical emergency information, you may call toll-free 1-877-229-3763. Active ingredient: Cyfluthrin [CAS # 68359-37-5]	

ENVIRONMENTAL HAZARDS	
<ul style="list-style-type: none"> <li>• This pesticide is highly toxic to aquatic invertebrates and fish. Do not apply directly to water.</li> <li>• Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.</li> <li>• This product is not intended for application to plants or lawns.</li> <li>• Apply this product only as specified on this label.</li> </ul>	
NOTICE: Research and testing has determined that the "Directions for Use" are appropriate for the proper use of Home Pest Control under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to directions.	
Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.	
Distributed by: Bayer Corporation Garden & Professional Care Box 4913 Kansas City, MO 64120-0013	
Made in USA	
Bayer and  are registered trademarks of Bayer AG 919809 RLO	

6.5" w x 6.519" h, .125 " cr  
AJ619/1gal L&G/bk&ftr template  
4-12-99 mr

530-9332 BLD

Base Reg (9332)

Reason to Issue: Revise according to internal comments

U.S. LABEL

Date of Draft: 07/28/99 (S)

Supersedes Pre-Reg Draft Dated: 04/12/99

(Front Panel)

# Laser®

## Ant & Roach Killer Pump Spray II Contains Cylathrin®

**NEW!**

Ready-to-Use

Kills fast, lasts long.

Kills most common household insect pests.

For Indoor and Outdoor Use

Kills invading insect around basements, foundations and baseboards.

Kills the insects you see, kills the ones you don't see

Kills hidden bugs.

Kills ants and roaches in seconds

Also kills with residual action.

Just one application quickly kills insects - - Continues killing up to 4 months indoors

Double Protection: Fast Acting - - Kills on Contact - - Long Lasting - - Keeps on Killing for up to 4 months

Fast Acting - - Long Lasting

Double Protection - - Use Inside and Outside

Use as outdoor barrier treatment - - keeps insects from entering your home.

Kills a Wide Range of Crawling, Flying and Wood-Infesting Pests

4 Month Insect Control Indoors

Water-based formula

Non-Staining

Guaranteed Satisfaction

Kills most common pests, including ants and cockroaches

Up to 16 weeks of cockroach control

Net Contents: 24 fl oz or 1 gallon

EPA Reg. No. 3125-530

EPA Est. No. XXXX-AA-1

**STOP - Read This Entire Label Before Use  
KEEP OUT OF REACH OF CHILDREN**

**FOR INDOOR/OUTDOOR RESIDENTIAL USE ONLY**

### CAUTION

- Harmful if swallowed
- Causes eye irritation

(See back panel/booklets for ingredients and precautionary statements)

NOV 1 1999

3125-530

Laser Ant & Roach Killer Pump Spray II

BACKGROUND

Quick Facts

For indoor and outdoor residential use only.

**Kills:** Cockroaches, Ants, Silverfish Beetles, Crickets and other nuisance pests.

**Where to Use:** Indoor as spot, crack and crevice spray  
Outdoor as perimeter treatment

**Re-entry:** Re-enter when spray is dry

EPA Reg. No. 3125-530, EPA Est. No. XXXX-AA-1

Always read entire product label before use.

Bayer Corporation  
Garden & Professional Care  
Box 4913, Kansas City, MO 64120-0013

Information: TollFree 1-877-229-3724

Ingredients

**ACTIVE INGREDIENT:**  
Cyluthrin\* 0.1 %

**OTHER INGREDIENTS\*\*** 99.9 %  
100.00 %

\* Common chemical name for **Cylathrin®**  
\*\* Other ingredients include: Purified water, organic solvent (less than 0.3%, to dissolve the active ingredient for mixing) and surfactants (to keep the active ingredient dispersed in water).

PRECAUTIONARY STATEMENTS  
Hazards to Humans and Domestic Animals

- CAUTION:**
- Harmful if swallowed or inhaled.
  - Causes eye irritation.
  - Avoid contact with skin, eyes, or clothing.
  - Wash thoroughly with soap and water after handling.
  - Avoid breathing vapor or mist.
  - Remove contaminated clothing and wash clothing before reuse.

First Aid

IN THE CASE OF ACCIDENTAL...	IMMEDIATELY...
<b>Swallowing</b>	If the person is able to swallow: <ul style="list-style-type: none"> <li>• Have them sip 1 to 2 glassesful of water</li> <li>• Call a doctor or poison control center for further treatment advice</li> </ul>
<b>Contact with eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water.</li> <li>• Continue to rinse eye for 10 to 15 minutes.</li> <li>• Call a doctor if irritation persists.</li> </ul>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>• If breathing is affected, move person to fresh air</li> <li>• Contact doctor or poison control center for further treatment advice</li> <li>• If not breathing, call an ambulance and give artificial respiration.</li> </ul>

**NOTE:** When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call TollFree 1-877-229-3763 for medical emergency information. Active Ingredient: Cyluthrin [CAS # 68359-37-5]

Environmental Hazards

- This pesticide is highly toxic to aquatic invertebrates and fish. Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.
- This product is not intended for application to plants or lawns.
- Apply this product only as specified on this label.

DIRECTIONS FOR USE  
(IMPORTANT)  
Follow Label Directions

If a violation of Federal Law to use this product in a manner inconsistent with its labeling, the best results read and follow all label directions.

Laser Ant & Roach Killer Pump Spray II

Before You Use

Read and follow these directions when using:

- Indoors, do not use as a space spray (do not spray into air)
- Do not spray into fish pools, ponds, streams, or lakes
- Remove animal feeding dishes before spraying
- Keep children and pets away from treated areas until spray has dried
- Do not use on surfaces where food is prepared or where food is exposed
- Before spraying indoors, remove birds from area and tightly cover or remove fish bowls and aquariums.

How to Use

Indoor Use

- Hold container upright while spraying. Direct nozzle about 12 inches from surface to be treated.
- Spray around baseboards, into cracks and crevices and other places where insects live and hide (under sinks, cabinets, refrigerators, damp areas, etc.) until surfaces are wet. Avoid excessive wetting of linoleum, asphalt tiles or plastic. Spray directly on insects if possible.
- For long lasting residual action leave spray undisturbed. The product will keep on killing for up to 4 months.

Outdoor Use

- Apply to exterior surfaces of the home.
- Spray a band 3 to 4 feet wide around and alongside the foundation and porches of the house.
- Treat soil, turf or walkways adjacent to foundation and porches. Also treat 1 to 2 feet up along the side of the dwelling.
- For more serious problems, a wider band of treatment, up to 10 feet, may be necessary.
- Spray with the wind to avoid drifting of the spray onto skin or clothing.
- Treat where dissimilar building materials meet, such as where brick meets wood trim or where siding meets window edges or where cracks are visible or around and into any openings where utilities enter the home. Spray around doors and window frames.
- Treat outside surfaces of garages, carports, patios, driveways and sidewalks if insects are present.
- Treat other problem areas such as around wood piles, storage sheds and other areas of insect infestation as needed. Spray on ant trails and ant hills.
- For wasps, hornets, yellow jackets: Application to nests should be made late in the evening when insects are at rest.
- To aid in control of fire ants in lawns and other outdoor home recreation areas, thoroughly drench the entire mound area. Spray provides contact activity and residual in the active mound. Use a coarse spray and apply gently to avoid disturbing ants. Note: For best results apply in cool weather 65 to 80 °F, or in early morning or late evening hours. Treat new mounds as they appear.

Wood Infesting Pests

- For control of termites and wood-infesting beetles found above ground, apply to voids and holes in damaged wood, and in spaces between wooden structures and between the sill plate and foundation where wood is exposed.
- Apply spray to exposed worker and winged reproductive forms of termites. This type of application is intended to be a supplemental treatment for control of drywood and above-ground subterranean termites and other wood-infesting insects. It is not intended as a substitute for soil treatments for termite control.
- For control of swarming or reproductive stages of termites, apply a coarse spray to the swarm or area on which they collect.
- For control of carpenter ants around houses and other structures, apply spray in doors and windows and other places where carpenter ants may enter the premises. Spray into cracks and crevices or voids where these ants or their nests are present. Use a sufficient amount of coarse spray to cover the area.
- For control of carpenter bees in structures, spray the liquid directly into bee entrance holes. Leave the entrance holes open for 24 hours to be certain that returning carpenter bees are killed. When there is no activity, the hole may be sealed with a suitable sealant.

Laser Ant & Roach Killer Pump Spray I

Pests Controlled

INDOOR PESTS	WOOD INFESTING PESTS	OUTDOOR/PERIMETER PESTS
1. CRAWLING PESTS	Carpenter ants	Ants
Ants (except Pharaoh)	Carpenter bees	Bees
Bedbugs	BEEETLES	Boxelder bugs
Carpet beetles	Ambrosia	Carpenter ants
Centipedes	Deathwatch	Cecidflies
Cockroaches	False powderpost	Centipedes
Crickets	Old house borer	Clusterflies
Earwigs	Powderpost	Cockroaches
Firebrats	TERMITES	Crickets
Millipedes	Subterranean	Elm leaf beetle
Pillbugs	Formosan	Fire ants
Silverfish	Drywood	Firebrats
Sowbugs		Flies
Spiders		Fleas
2. FLYING PESTS		Gnats
Clothes moths		Ground beetles
Flies		Homets
Gnats		Imported red fire ants
Midges		Midges
Mosquitoes		Millipedes
Moths		Mosquitoes
Wasps		Moths
Yellow jackets		Scorpions
3. PANTRY & STORED		Silverfish
PRODUCT PESTS		Spiders
BEEETLES (exposed adults &		Ticks
immature stages)		Wasps
Cadelle		Yellow jackets
Cigarette		
Confused Flour		
Dermestid		
Drug-store		
Granary weevil		
Hide		
Larder		
Leather		
Lesser grain borer		
Lesser mealworm		
Merchant grain		
Mealworm		
Red flour		
Rice weevil		
Sawtoothed grain		
Warehouse		
MOTHS		
Indian meal		
Mediterranean flour		



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Laser Ant & Roach Killer Pump Spray II

**IMPORTANT: Directions for Storage and Disposal**

**Storage Conditions**

Store in an area out of reach of children, preferably a locked storage cabinet. Protect from freezing.

**Disposal**

- Do not reuse empty container
- Wrap empty container in newspaper or place in paper or plastic bag (such as a grocery bag).
- Dispose in trash.

**Important:** It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow all state and local guidelines. Never pour any insecticide down the drain or storm sewer.

**NOTICE**

Research and testing has determined that the "Directions for Use" are appropriate for the proper use of Laser Ant & Roach Killer Pump Spray II under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

