

MAY - 7 1993

305/5434676
161/5434676
17

Mr. Robert Yocum
SC Johnson
1525 Howe St.
Racine, WI 53403-5011

Dear Mr. Yocum:

Subject: Revised Labeling and Efficacy Claims
Raid Max Home Barrier Insecticide Concentrate
EPA Registration No. 4822-375
Your Submissions Dated January 6 and 20, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. The claims "Can be sprayed on plants" and "Will not harm plants" must be supported in Directions for Use. See the section labeled Recommendations for Ornamentals and Home Lawns" on Tempo 20 WP's (EPA Registration No. 3125-380) label.
2. Under Fire Ants the statement should read ". . residual repellency in the active mound."

Efficacy data submitted in support of your product name change and labeling are acceptable. The brand name "Raid Max Home Barrier Insecticide Concentrate" is acceptable.

In our previous reviews we failed to inquire about the number of water soluble pouches in each inner foil pack. If there is one pouch per pack no additional labeling is required on the pouch. However if there is more than one pouch per pack then additional information must appear on the pouch label i.e., product name, EPA Registration No., ingredient statement, signal word, Keep Out of Reach of Children and a referral statement to outer package.

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely,

George T. LaRocca
Product Manager 13

CONCURRENCE

~~Insecticide-Rodenticide Branch~~
Registration Division (H7505C)

SYMBOL	enclosure					
SURNAME	Helmut					
DATE	5-7-93					

Resubmission Label - Refills

Front Label

New

S. C. JOHNSON WAX

RAID

Home Barrier Insecticide

Outdoor Ant & Roach Killer

Home Perimeter Insecticide

Refill Pack

Weather-Resistant Formula

Resists Weakening Effects of Rainfall and Sunlight

Low-Odor Formula

No Lingering Odor

Pre-measured Water-Soluble Packets

Kills crawling insects (ants and roaches) outside before they get inside.

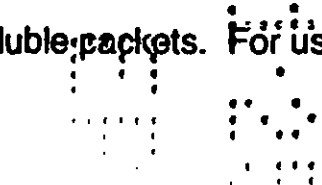
- Kills Bugs/Ants and Roaches for Two Months/8 Weeks
- Maintains Control for Two Months/8 Weeks
- Lasts for Two Months/8 Weeks
- Keeps Killing for Two Months/8 Weeks
- Long-Lasting: Up to Two Months/8 Weeks
- Keeps Outdoor Bugs Out for Two Months/8 Weeks
- Creates a Bug-Killing Barrier for Two Months/8 Weeks
- Weather-Resistant - Lasts for Two Months/8 Weeks
- Resists Weakening Effects of Rainfall and Sunlight to Keep Killing for Two Months/8 Weeks
- Weather-Resistant - Keeps Killing for Two Months/8 Weeks
- Resists Weakening Effects of Rainfall and Sunlight to Keep Killing for Two Months/8 Weeks
- Keeps Outdoor Bugs from Becoming Indoor Bugs
- Rain Won't Wash it Away for 2 Months/8 Weeks
- Protects Doors and Windows from Invading Bugs
- Kills Ants and Roaches/Crawling Insects Outside Before They Get Inside for 2 Months/8 Weeks
- Can be sprayed on plants.
- Will not harm plants.

Concentrate is contained in convenient pre-measured water-soluble packets. For use with the RAID sprayer or other pump-up sprayer.

Active Ingredient:

Cyfluthrin [Cyano-(4-fluoro-3-phenoxyphenyl)-methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate].....

Inert Ingredients



**ACCEPTED
with COMMENTS
in EPA Letter Dated**

**20%
80% MAY - 7-1998**

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

7222-375

Keep out of reach of children
CAUTION

See additional precautionary statements on back.

Contains _ water-soluble packets of concentrated insecticide. Each packet will make _ ounces of liquid formula.

Contains _ packets

Makes _ ounces of liquid formula

Net Weight: _ oz.

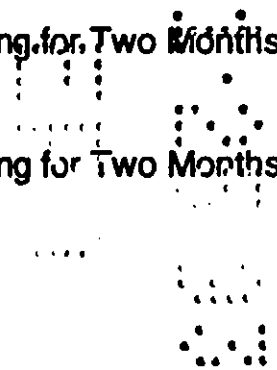
Back Label

For use with the RAID sprayer or other pump-up sprayer.

Note: Packets are water soluble. Store in a cool dry place.

S. C. JOHNSON WAX
RAID
Home Barrier Insecticide
Outdoor Ant & Roach Killer
Home Perimeter Insecticide

- Kills Bugs/Ants and Roaches for Two Months/8 Weeks
- Maintains Control for Two Months/8 Weeks
- Lasts for Two Months/8 Weeks
- Keeps Killing for Two Months/8 Weeks
- Long-Lasting: Up to Two Months/8 Weeks
- Keeps Outdoor Bugs Out for Two Months/8 Weeks
- Creates a Bug-Killing Barrier for Two Months/8 Weeks
- Weather-Resistant - Lasts for Two Months/8 Weeks
- Resists Weakening Effects of Rainfall and Sunlight to Keep Killing for Two Months/8 Weeks
- Weather-Resistant - Keeps Killing for Two Months/8 Weeks
- Resists Weakening Effects of Rainfall and Sunlight to Keep Killing for Two Months/8 Weeks
- Keeps Outdoor Bugs from Becoming Indoor Bugs
- Rain Won't Wash it Away for 2 Months/8 Weeks
- Protects Doors and Windows from Invading Bugs



- Kills Ants and Roaches/Crawling Insects Outside Before They Get Inside for 2 Months/8 Weeks
- Can be sprayed on plants.
- Will not harm plants.

Crawling bugs enter your home through cracks, windows and doors. Stop them before they get in with RAID Outdoor Ant & Roach Killer/RAID Home Barrier.

RAID Outdoor Ant & Roach Killer/Home Barrier kills roaches, ants, spiders, crickets and many other types of bugs. It is specially formulated to be effective on concrete, around windows or doors and on soil. The formula resists the weakening effects of rainfall and sunlight.

Just spray thoroughly around the perimeter of your house as needed.

For control of:	Cockroaches	Ants	Crickets
	Spiders	Fleas (Suppression of Adults)	Fire Ants
	Elm leaf beetles	Sowbugs	Boxelder bugs
	Millipedes	Ticks	Pillbugs
	Hornets	Yellow jackets	Wasps
	Grasshoppers	Earwigs	Centipedes

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Exposure to the wettable powder can cause moderate eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist or dust. Do not get in eyes, on skin, or on clothing. Keep out of reach of children. Wash hands thoroughly after use. Do not contaminate feed or food. Do not allow children or pets to enter treated area until surfaces are dry. If clothing becomes contaminated remove and wash before reuse. Wash hands thoroughly with soap and warm water after handling.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. If irritation persists seek medical attention.
If swallowed: Call a physician or Poison Control Center. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never giving anything by mouth to an unconscious person. Avoid alcohol.

If on skin: Wash thoroughly with soap and water. If irritation persists seek medical attention.

If inhaled: Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention.

Note to Physician: No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate waters when disposing of rinse wash. Apply this product only as specified in the label.

This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply or allow insecticide to drift onto crops or weeds on which bees are actively foraging. Additional information may be obtained by consulting your Cooperative Extension Service.

DIRECTIONS FOR USE

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

Preparation:

Open the RAID Outdoor Ant & Roach/Home Barrier outer protective package and remove the pre-measured inner insecticide packet. Place insecticide packet into RAID sprayer as is. (Do not open pre-measured insecticide packet, it dissolves in water. Do not allow the insecticide packet to become wet before adding to sprayer. Do not handle the insecticide packet with wet hands or gloves.)

Add cold water to the 'fill line' on the RAID sprayer. Do not use hot water. Close sprayer and shake well to dissolve packet and contents. Pump sprayer 20-25 times. To spray, press lever on handle. Re-pump sprayer as needed during use.

In other sprayers use one packet per 1-1/2 quarts of water.

Follow instructions on sprayer carefully.

(Note to EPA Reviewers: These directions are based on a packet weight of 7.14 grams, which will yield a concentration of 0.1% of technical Cyfluthrin in 1.5 qts. of the finished spray. Directions for dilution will vary depending on the packet size and sprayer volume but a final concentration of 0.1% active ingredient will be maintained.)

Application:

Apply outdoors and to exterior surfaces of the home only. Do not use indoors. Adjust nozzle to a heavy wet spray and treat a band 3-4 feet wide around and alongside the foundation of the house. Treat soil, turf or walkways adjacent to the foundation. Also treat 1-2 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 around the edges of door and window frames if insects have been seen there. Treat where dissimilar building materials meet, such as where brick meets wood trim or where siding meets window edges. Treat where cracks are visible or around and into any openings where utilities enter the home. 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.

Wasps, hornets, yellow jackets: Application to nests should be made late in the evening when insects are at rest.

Fire Ants: To aid in control of fire ants in lawns and other outdoor home recreation areas, thoroughly drench the entire mound area. Treat all areas of the mound showing activity to provide contact control of adult fire ants. This spray will provide contact activity and residual in the active mound. Apply gently to avoid disturbing ants. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness. Note: For best results apply in cool weather 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear.

For difficult to reach areas, adjust nozzle to stream and treat thoroughly.

Formula will not harm plants.

Coverage:

One bottle of diluted product will treat approximately 375 square feet. A home that is 40 ft. x 20 ft. will require two packets to do a complete treatment. (Note to EPA Reviewers: This coverage is based on a packet weight of 7.14 grams which is equivalent to 0.1% technical Cyfluthrin in the finished spray volume of 1-1/2 quarts. This coverage would change accordingly depending on the packet size and sprayer volume.)

Cleanup:

Use up entire container, do not store diluted product. Open sprayer and rinse with plenty of water. Store unused packets in a dry location. Avoid contact with moisture.

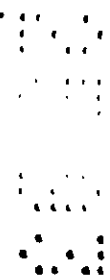
Storage and Disposal

Storage: Store water-soluble packets in original container and out of the reach of children, preferably in a locked storage area. Store in a cool dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, or animal feed. Do not store below freezing. Exposure to moisture or excessive handling of water soluble packets may cause breakage.

Store sprayer out of reach of children.

Disposal: Do not use sprayer in connection with food, feed, or drinking water. After all packets are used, the carton may be disposed of in the trash. The empty wrappers, may be wrapped in newspaper and disposed of in the trash. Do not dispose of pesticide concentrate. Use concentrate in accordance with label instructions.

Questions? Comments?
Call 800-558-5252
Weekdays 9-5 Eastern Time
or Write Helen Johnson
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Manufactured for S.C. Johnson & Son, Inc.
EPA Reg. No. 4822-375
EPA Est. No. 33967-NJ-1

INNER FOIL PACK (If packaged separately)

S. C. Johnson Wax
RAID
Home Barrier Insecticide
Outdoor Ant & Roach Killer
Home Perimeter Insecticide
Concentrate Packet
Weather Resistant Formula
Resists Weakening Effects of Rainfall and Sunlight
Low-Odor Formula
No Lingering Odor
Pre-Measured Water-Soluble Packets

Kills crawling insects (ants and roaches) outside before they get inside. Concentrate is contained in convenient pre-measured water-soluble packets. For use with the RAID sprayer or other pump-up sprayer. Makes ___ ounces of liquid formula.

TEAR HERE

SEE OUTER PACKAGE (OR PAMPHLET) FOR COMPLETE DIRECTIONS AND PRECAUTIONARY STATEMENTS.

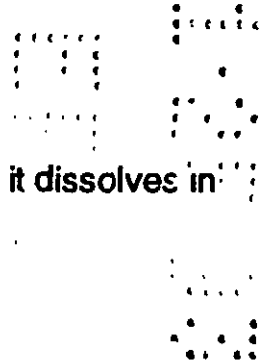
**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Active Ingredient:

Cyfluthrin [Cyano-(4-fluoro-3-phenoxyphenyl)-methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate].....20%
Inert Ingredients80%

Preparation Instructions:

1. Open this outer protective package.
2. Remove the inner insecticide packet.
3. Place packet into sprayer (do not open inner insecticide packet, it dissolves in water).
4. Add Water
5. Follow sprayer instructions for pumping and application.



8/11

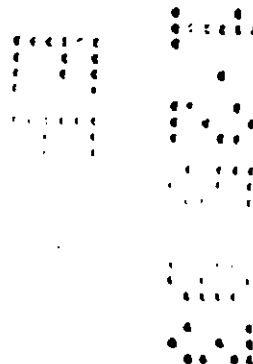
Questions? Comments?
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Weekdays 9-5 Eastern Time
or Write Helen Johnson
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Racine, WI 53403 USA
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EPA Reg. No. 4822-375
EPA Est. 33967-NJ-1

Net Weight: __oz.

On Water-Soluble Pouch
Do Not Open. Package dissolves in water.

pdclabel
11/16/92



93 11

Label Copy and/or Pamphlet for Raid Sprayer

New
S. C. Johnson Wax
RAID
Insecticide Sprayer

For Use With RAID Outdoor Ant & Roach Killer/Home Barrier/Home Perimeter
Insecticide

SEE CONCENTRATE PACKAGING FOR COMPLETE
DIRECTIONS AND PRECAUTIONARY STATEMENTS.

KEEP OUT OF REACH OF CHILDREN
CAUTION

HOLDS __ OUNCES

BACK

S. C. Johnson Wax
RAID
Insecticide Sprayer

For Use With RAID Outdoor Ant & Roach Killer/Home Barrier/Home Perimeter
Insecticide

For complete directions and precautions, plus a complete list of bugs which are killed
by RAID Outdoor Ant & Roach Killer/Home Barrier look at the concentrate's package.

DIRECTIONS FOR USE

48 OZ. FILL LINE

See concentrate package for directions for use.

- 48 oz.
- 40 oz.
- 32 oz.
- 24 oz.
- 16 oz.
- 8 oz.



10/11

Page 2 of Sprayer Label

Adjust nozzle to a heavy wet spray and treat a band 3 -4 feet wide around and alongside the foundation of the house.

(PICTURE)

Treat soil, turf or walkways adjacent to the foundation. Also treat 1-2 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 around the edges of door and window frames if insects have been seen there. Treat where dissimilar building materials meet, such as where brick meets wood trim or where siding meets window edges. Treat where cracks are visible or around and into any openings where utilities enter the home. Treat 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.

For difficult to reach areas, adjust nozzle to stream and treat thoroughly.

Cleanup:

Use up the entire container, do not store diluted product. Release all pressure before opening sprayer.

Open sprayer and rinse with plenty of water.

Bottle Maintenance: Periodically apply a little oil to nozzle "O" ring and petroleum jelly to plunger "O" ring. To reach plunger "O" ring, unscrew barrel and unit will come apart. Reassemble carefully.

Applications of other pesticides: Triple-rinse the sprayer before mixing other pesticide products in the sprayer. Carefully read the instructions and warnings on the chemical to be used.

(Note to EPA reviewer: The following "Note to User" section will be used if the sprayer is sold for use with a variety of lawn and garden chemicals.)

Note to User:

Do not pressurize sprayer until ready to use. Do not leave pressurized sprayer unattended. Always release pressure after using and before cleaning.

Do not expose pressurized sprayer to excessive heat or leave it exposed to the sun for long periods of time.

