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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 23 1994

3015465481
3005435809
174

Ms. Geri Vander Leest
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403

Dear Ms. Vander Leest:

Subject: Label Amendments; Add Indoor Application/Modify Spray Instructions
Raid Max Home Barrier Insecticide Concentrate
EPA Registration 4822-375
Your Applications Dated July 22, 1993 and March 1, 1994

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 change listed below before you release the product for shipment bearing the amended labeling:

1. The claim "New" is allowed on labeling produced for a period of six months following the date of this approval.
2. Revise your Environmental Hazards as follows:

This pesticide is extremely toxic to fish and aquatic invertebrates. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors where such containers are present. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. 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.

3. Under Directions for Use add:
 5. For Residential Use Only

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

4. Following the first paragraph under Indoor Application add:

"For surface application only. Do not use as a space spray."

5. Following the second paragraph under Indoor Application add:

"Do not allow runoff to occur."

Submit three 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
Insecticide-Rodenticide Branch
Registration Division (75050)

Enclosure

RAID HOME BARRIER INSECTICIDE

Items in parenthesis () are optional.

<CLAIMS>

New!

BEST AVAILABLE COPY

- ✓ 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
- ✓ 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.
- ✓ Note: Packet(s) is/are water soluble. Store in a cool dry place.
- ✓ Crawling bugs enter your home through cracks, windows and doors. Stop them before they get in with RAID Home Barrier Insecticide. It is specially formulated to be effective on concrete, around windows or doors and on soil.

Can be used indoors if diluted into RAID SPRAYER.

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.

Just spray thoroughly around the perimeter of your house as needed.
(0.25 oz packet) MAKES 48 OUNCES OF LIQUID FORMULA

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 23 1994

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

4822-375

<REFILL BOX>

Front Label

S.C. JOHNSON WAX
RAID

(claims)

Active Ingredient:

Cyfluthrin [Cyano-4-fluoro-3-phenoxyphenyl)-
methyl-3-(2,2-dichloroethenyl)-2,2-
dimethylcyclopropanecarboxylate].....20%
Inert Ingredients.....80%

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE ADDITIONAL PRECAUTIONARY
STATEMENTS ON ENCLOSED PAMPHLET.

Contains __ water-soluble packet(s) of concentrated insecticide. Each packet
will make __ ounces of liquid formula.

(Contains __ packet(s)

Makes __ ounces of liquid formula)

BEST AVAILABLE COPY

Net Weight: __ oz.

Back Label

S.C. JOHNSON WAX
RAID

(claims)

SEE ENCLOSED PAMPHLET FOR COMPLETE DIRECTIONS AND
PRECAUTIONARY STATEMENTS.

Questions? Comments? Call 800-558-5252 Weekdays 9-9 Eastern Time or
Write Helen Johnson © 1993 S.C. Johnson & Son, Inc. Racine, WI 53403, USA
All Rights Reserved
Manufactured for S.C. Johnson & Son, Inc. EPA Reg. No. 4822-375 EPA Est.
No: 33967-NJ-1
Made in U.S.A.

<PAMPHLET>

S.C. JOHNSON WAX
RAID

(claims)

NOTE: Do not open inner insecticide packet, it dissolves in water.

GRAPHIC

Do Not Open.
Inner Packet.
Outer Packet.

BEST AVAILABLE COPY

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 give 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. 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.

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.

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 9-9 Eastern Time or
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EPA Reg. No. 4822-375 EPA Est. No. 33967-NJ-1

S.C. JOHNSON WAX
RAID

(claims)

BEST AVAILABLE COPY

DIRECTIONS FOR USE

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

Preparation:

1. Open the RAID Home Barrier Insecticide outer protective package and remove the pre-measured inner insecticide packet.
2. 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 wet gloves.)
3. 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.
4. Pump sprayer 15-20 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.

SHAKE WELL to dissolve packet and contents.

Follow instructions on sprayer carefully.

Do not use any sprayer other than Raid Sprayer indoors.

(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

5. For Residential Use Only

packet size and sprayer volume but a final concentration of 0.1% active ingredient will be maintained.)

Outdoor Application:

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 repellency 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. Testing has been carried out on a wide range of ornamental plants under various environmental conditions and no plant-damage has been observed. It is advised to pre-spray a selection of ornamentals if local use experience is unavailable.

BEST AVAILABLE COPY

Indoor Application:

For indoor use this product is intended to be used in the 48-ounce RAID SPRAYER only. Do not put into any other container for indoor use.

For general surface application adjust nozzle to a heavy wet spray and apply to walls, floors, between, behind and beneath appliances and around floor drains, windows and doors. Do not apply to an entire floor area or on carpeting.

For spot or crack and crevice applications adjust nozzle to pin-point spray and apply to cracks and crevices in or behind baseboards, in floors, walls and areas around water and sewer pipes and similar areas.

Do not allow children or pets to contact treated surfaces until surfaces are completely dry.

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

<SPRAYER BOX>

Front Label

S.C. Johnson Wax
RAID

(claims)

Contains:

One ounce Reusable Sprayer
 Refill Packet(s) of Insecticide Concentrate
Pull Flap Up. Refill Packet(s) Inside

Active Ingredient:

Cyfluthrin [Cyano-4-fluoro-3-phenoxyphenyl)-
methyl-3-(2,2-dichloroethenyl)-2,2-
dimethylcyclopropanecarboxylate].....20%
Inert Ingredients.....80%

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE ADDITIONAL PRECAUTIONARY
STATEMENTS ON ENCLOSED PAMPHLET

NET WT. 0.25 OZ.

Back/Side

S.C. Johnson Wax
RAID

(claims)

DIRECTIONS FOR USE

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

PREPARATION:

1. Open the RAID Home Barrier Insecticide outer protective package and remove the pre-measured inner insecticide packet.
2. 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 wet gloves.)
3. 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.
4. Pump sprayer 15-20 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. SHAKE WELL to dissolve packet and contents. Follow instructions on sprayer carefully. Do not use any sprayer other than Raid Sprayer indoors.

Questions? Comments?

Call 800-558-5252 Weekdays 9-9 Eastern Time or Write Helen Johnson
© 1993 S.C. Johnson & Son, Inc. Racine, WI 53403 USA All Rights Reserved
Manufactured for S.C. Johnson & Son, Inc.
EPA Reg. No. 4822-375 EPA Est. No. 33967-NJ-1 Bottle Made In Canada

S.C. Johnson Wax
RAID

BEST AVAILABLE COPY

(claims)

APPLICATION:

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. Can be used indoors if diluted into RAID SPRAYER.

SEE ENCLOSED PAMPHLET FOR COMPLETE DIRECTIONS FOR USE AND PRECAUTIONARY STATEMENTS

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.

Cleanup:

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

<INNER FOIL PACK>

Front Label

S.C. Johnson Wax
RAID

(TEAR HERE)

(claims)

Active Ingredient:

Cyfluthrin [Cyano-(4-fluoro-3-phenoxyphenyl)-
methyl-3-(2,2-dichloroethenyl)-2,2-
dimethylcyclopropanecarboxylate].....20%
Inert Ingredients.....80%

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE PAMPHLET INSIDE BOX FOR COMPLETE
DIRECTIONS AND PRECAUTIONARY STATEMENTS.

NET WT. 0.25 OZ.

Back Label

BEST AVAILABLE COPY

Preparation Instructions:
GRAPHIC

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 Cold Water, close sprayer & SHAKE WELL.
5. Follow sprayer instructions for pumping and application.

Questions? Comments?

Call 800-558-5252

Weekdays 9-9 Eastern Time

or Write Helen Johnson

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EPA Reg. No. 4822-375 EPA Est. 33967-NJ-1

<WATER-SOLUBLE PACKET>

(NOTE to EPA Reviewer: If there is more than one water-soluble pouch/packet in each inner foil pack then additional information will appear on the pouch label i.e., product name, EPA Reg. No., ingredient statement, signal word, keep out of reach of children and a referral statement to outer package).

DO NOT OPEN
PACKAGE DISSOLVES
IN WATER

<SPRAYER>

48 OZ. FILL LINE

S.C. Johnson Wax
RAID
(Insecticide) Sprayer

SHAKE WELL
ADJUST NOZZLE TO STREAM OR SPRAY

GRAPHIC

KEEP OUT OF REACH OF CHILDREN

HOLDS 48 FL. OZ.

S.C. Johnson Wax
RAID
(Insecticide) Sprayer

(claims)

SHAKE WELL

For complete directions and precautions, plus a complete list of bugs which are killed by the RAID concentrate look at the accompanying pamphlet.

48 OZ. FILL LINE

BEST AVAILABLE COPY

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

BEST AVAILABLE COPY

Cleanup:

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

Open sprayer and rinse with plenty of water.

(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:

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

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.

Clean bottle and sprayer thoroughly after herbicides and other poisons have been used.

Do not use flammable materials in this sprayer, as it could cause the sprayer to explode.

Do not use caustic, acidic or corrosive materials in this sprayer, as they could weaken and corrode the parts which could cause the tank to explode.

Always inspect your sprayer thoroughly before each use.

Do not put heated or self-heating solutions into sprayer.

If nozzle clogs, do not force open with air pressure. Remove nozzle and clean with a fine wire or toothpick.

(Note to EPA reviewer: The following "Note to User" section will be used if the sprayer is sold for use exclusively with the RAID concentrate.)

Note to User:

Do not use this sprayer for any other purpose than that noted on the RAID concentrate package.

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.

Always inspect your sprayer thoroughly before each use.

If nozzle clogs, do not force open with air pressure. Remove nozzle and clean with a fine wire or toothpick.

FAILURE TO HEED ALL SAFETY INSTRUCTIONS, DIRECTIONS AND PRECAUTIONS COULD RESULT IN INJURY.

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