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SEP 21 1988

Mr. Robert V. Yocum  
S.C. JOANSON & SON, INC.  
1525 HOWE STREET  
RACINE, WI 53403

Dear Mr. Yocum:

Subject: Amendment - Efficacy Data to Support 6-Hour Claim -  
Various Label Changes  
Raid Yard Guard Outdoor Fogger Formula V  
EPA Registration No. 4822-309  
Your Application Dated September 10, 1987

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.

- In both sections at the top of pages 1 and 2 make the following changes (the changes will be underlined):\*
- 1. Provides a bug-free outdoor area from flying insects for up to 6 hours (qualification is necessary because tests with crawling insects were not extended to 6 hours).
- 2. Keeps flying bugs away for up to 6 hours.
- 3. Six-hour protection against mosquitoes and small flying insects.

\*The underlined qualifying words and phrases are necessary for two reasons: No actual field tests of this product against crawling insects were submitted and a more appropriate species of crawling insect for the laboratory tests than confused flour beetle would have been crickets since these pests are claimed on the label.

53156:I:Richards:LLR-08:KENCO:09/19/88:11/01/88:aw:VO:EK:aw:vo:rw

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

2/5

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Submit five (5) 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 yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosure

23/

Johnson Wax  
Raid  
Yard Guard  
Outdoor Fogger V

- o Kills Flying Insects Up to 20 Feet Away
- o Repels Flies, Mosquitoes, Gnats, Ants
- o Provides a bug free outdoor area for hours
- o Provides a bug free outdoor area for up to 6 hours
- o Keeps bugs away for hours
- o Keeps bugs away for up to 6 hours
- o Lasts for 6 hours
- o 6 hour protection
- o The bug barrier

**ACTIVE INGREDIENTS:**

*Permethrin (3-phenoxyphenyl) methyl (+) cis, trans-3-(2, 2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate	0.225%
2-hydroxyethyl-n-octyl sulfide	0.475%
related compounds	0.025%
d-cis trans allethrin (allyl homolog of Cinerin 1)	0.1425%
related isomers	0.0075%

\*cis/trans isomer ratio: Min. 35% (+) CIS and max. 65% (+) trans

**INERT INGREDIENTS:**

99.125%

Net Wt. 16 oz. (1 lb.)

KEEP OUT OF REACH OF CHILDREN  
CAUTION

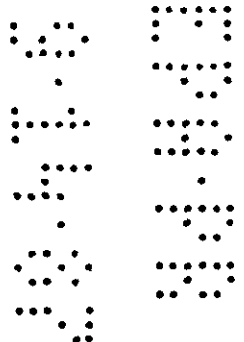
SEE DIRECTIONS AND PRECAUTIONARY STATEMENTS ON BACK

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 21 1988

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

4822-309



Raid

Yard Guard

KILLS UP TO 20 FEET AWAY

- o Repels Flies, Mosquitos, Gnats, Ants
- o Provides a bug free outdoor area for hours
- o Provides a bug free outdoor area for up to 6 hours
- o Keeps bugs away for hours
- o Keeps bugs away for upto 6 hours
- o Lasts for 6 hours
- o 6 hour protection
- o The bug barrier

An outdoor product for use in backyards, patios, and picnic areas. Sprays out far beyond ordinary insect sprays - actually kills bugs up to 20 feet away. Kills and repels flies, mosquitoes, gnats and ants. Also kills small moths, wasps and hornets.

DIRECTIONS FOR USE

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

Point spray nozzle away from face. Hold can on slight downward angle. For best results, spray when air is calm. Allow a few minutes for product to take effect. Spray from center when not breezy. Spray with wind if breeze is blowing.

SPRAY FROM CENTER WHEN NOT BREEZY.

SPRAY WITH WIND IF BREEZE IS BLOWING.

FLYING INSECTS: Flies, Mosquitoes, Gnats, Small Flying Moths. Allow fog to drift over area. Direct spray toward bushes, or grass from at least 4 to 6 feet away. Give special attention to breeding areas such as garbage cans, compost piles. Repeat as necessary. Spray hornets and wasps nests at night when they are less active.

CRAWLING INSECTS: Ants, Crickets, Centipedes. Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control. Keep 4 to 6 feet away from ornamental plants while spraying.

STORAGE AND DISPOSAL STATEMENTS

STORAGE: Store in an area inaccessible to children.

DISPOSAL: Wrap container and discard in trash. Do not puncture or incinerate. Do not reuse empty container.

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

**HAZARDS TO HUMANS:** Keep out of reach of children. Avoid contact with eyes, skin or clothing. Harmful if swallowed. Cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces. Do not use on edible crops.

**STATEMENT OF PRACTICAL TREATMENT:** In case of contact, immediately flush eyes and skin with plenty of water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of waste.

**PHYSICAL OR CHEMICAL HAZARDS:** CONTENTS UNDER PRESSURE. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 120 F may cause bursting.

For additional information  
call toll free 800-558-5252.  
Weekdays 9-5, Eastern time,  
or write Carol Hansen.  
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EPA Reg. No. 4822-309  
EPA Est. No. 48822-WI-1

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