

JUL 10 1988

Mr. Robert Youn  
S C. Johnson & Son, Inc.  
1525 Howe Street  
Racine, WI 53403

Dear Mr. Youn:

Subject: Raid Liquid Flying Insect Killer  
EPA Registration No. 4822-187  
Your Letter Dated October 21, 1988

The proposed amendment to the registration of the product cited above under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable subject to the comments listed below. A stamped copy of the draft labeling is enclosed for your records.

1. Provide the chemical identity, Material Safety Data Sheet, and Chemical Abstracts Service (CAS) Number for Delaire DL10613 Perfume. All chemical components of this ingredient must be identified by CAS Number and percent in the mixture.
2. On your Confidential Statement of Formula (CSF), the total weight adds up to 1000.2 pounds and the total percentage adds up to 100.2%. Make proper adjustments and submit a corrected CSF.
3. The aliphatic petroleum distillates and aromatic petroleum hydrocarbons should be declared as inert ingredients.
4. The related compounds for d-trans allethrin and resmethrin should be included in the inert ingredients.

58819:I:Tavano:LH-2:KENCO:7/5/90:8/2/90:EK:VO:JH:CL

CONCURRENCES

SYMBOL	H7505C						
SURNAME	Tavano						
DATE	7/9/90						

- 5. The statement "Cis/trans isomer ratio: Max 30% (+/-) cis and Min 70% (+/-) trans," should be listed as a footnote outside of the ingredient statement.

Sincerely yours,



Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (N7505C)

Enclosure

395

**JOHNSON WAX**

**RAID**

**LIQUID**

**FLYING INSECT KILLER**

**CLEAN, PLEASANT ODOR! KILLS BUGS DEAD!**

**ACTIVE INGREDIENTS:**

d-trans allethrin (allyl homolog of Cinerin I),	0.270%
Related Compounds	0.021%
Resmethrin ([5-(phenylmethyl)-3-furanyl] methyl- 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate)*	0.100%
Related Compounds	0.014%
Aliphatic Petroleum Distillate	0.010%
Aromatic Petroleum Hydrocarbons	0.132%
*Cis/trans isomer ratio: Max. 30% (+/-) cis and Min. 70% (+/-) trans.	

**INERT INGREDIENTS: 99.453%**

e.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE DIRECTIONS AND CAUTIONS ON BACK**

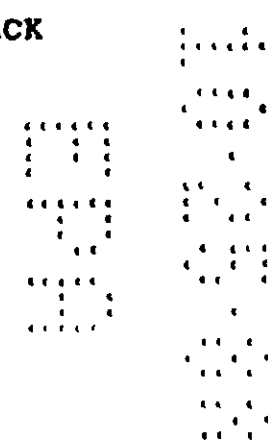
**NET CONTENTS 1 PINT (16 FL. OZ.)**

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**JUL 10 1990**

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

**4822-187**



**RAID FLYING INSECT KILLER**

- \* Kills flies, mosquitoes, wasps, hornets and other listed insects.
- \* Adjustable sprayer puts you in control.
- \* For homes, stores, institutions, restaurants, food processing plants, warehouses, and industrial installations.

**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 FOR SPACE SPRAY APPLICATION:** To obtain fine mist for use as a space spray, unscrew tip of nozzle approximately two complete turns then squeeze trigger firmly. Several pumps may be required before any liquid is dispensed.

**FOR SURFACE SPRAY APPLICATION:** To obtain a coarser spray for surface application, continue rotating tip of nozzle until desired spray pattern is achieved.

**FOR MAXIMUM SPRAY CONTROL:** To direct spray into tight areas, continue rotating tip of nozzle until product is dispensed as a jet stream. For storage, reseal sprayer by firmly tightening tip of nozzle.

**TO KILL FLYING INSECTS HOUSEFLIES, MOSQUITOES, SMALL FLYING MOTHS, GNATS, WASPS, HORNETS:** Adjust sprayer to fine mist for space spray application as described above. Close doors and windows and spray up into the air with a sweeping motion. Keep about three feet from walls, fabrics and furniture. Fill room with mist. Do not remain in treated area. Keep room closed for at least 15 minutes. Ventilate room when completed.

**TO KILL CRAWLING PEST ROACHES, PALMETTO BUGS, WATERBUGS, SILVERFISH, CRICKETS, SOWBUGS, MILLIPEDES, CENTIPEDES:** Adjust tip of nozzle to coarse spray for surface application. Spray thoroughly into hiding places such as cracks and crevices, around pipes and baseboards, behind bookcases, cabinets and other storage areas, hitting as many bugs as possible. For maximum control of spray into tight areas, adjust tip of nozzle to jet stream. Repeat as necessary.

**ANTS:** Spray trails, nests, around window frames and openings, around pipes and baseboards where ants crawl, hitting as many as possible. Repeat as necessary.

**BEST AVAILABLE COPY**

**SPIDERS:** Spray pests directly wherever possible. Apply to localized areas where infestations occur. Spray until surfaces are wet, particularly around windows, doors, baseboards and crawl spaces. Repeat as necessary.

**FLEAS:** Remove soiled pet bedding and clean thoroughly or destroy. Spray sleeping quarters of pets, around baseboards, windows, door frames, wall cracks and floors. Repeat as necessary. Do not spray animals. Put fresh bedding in pet quarters after spray has dried. For best results, dogs and cats should be treated with a registered flea control product before allowing them to enter the treated areas.

**STORAGE:** Store in an area inaccessible to children. **DISPOSAL:** Do not reuse container or sprayer for any other purpose. Wrap container and put in trash collection.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. If swallowed, do not induce vomiting. Call a physician immediately. Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After space spraying in meat packing plants, bakeries and other food processing plants, wash all equipment, benches, shelving, etc., where exposed food will be handled, with potable water. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

For additional information write:  
CAROL HANSEN  
S.C. JOHNSON & SON, INC.  
Racine, Wisconsin 53403 USA

EPA Reg. No. 4822-187  
EPA Est. No. 4822-WI-1