

PM 17 4822-188 114
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 21 1988

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

Dear Mr. Yocum:

Subject: Revised Formula and Labels - Delete Formaldehyde
Raid Liquid Flying Insect Killer Formula I
EPA Registration No. 4822-188
Your Submission Dated October 21, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

The formula referred to above is acceptable and replaces previously approved formulas for this pesticide. Use of formaldehyde as a preservative would no longer be consistent with the terms of this registration.

As new labels are prepared, you should relocate the isomer ratio statement for Resmethrin as a substatement to the ingredient statement. You may also include the petroleum distillate and hydrocarbons under the inert ingredients in this formulation. Petroleum as an active pesticide ingredient is subject to registration (List C, 54 FR 30846, July 24, 1989).

Sincerely yours,



Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

51300:I:A-4:Schroeder:C.Disk:KENCO:09/25/90:de:ek:de:ek:de

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

- 21

JOHNSON WAX

RAID

FORMULA I

LIQUID

FLYING INSECT KILLER

CLEAN, PLEASANT ODOR! KILLS BUGS DEAD!

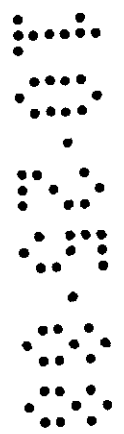
ACTIVE INGREDIENTS:

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%.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE DIRECTIONS AND CAUTIONS ON BACK

NET CONTENTS 1 PINT (16 FL. OZ.)



RECEIVED
 DEC 21 1990
 4822-188

RAID LIQUID FLYING INSECT KILLER FORMULA I

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.

TO KILL FLYING INSECTS HOUSEFLIES, MOSQUITOES, SMALL FLYING MOTHS, GNATS, WASPS: There is no need to spray directly at flying insects - the mist in the air will kill them. Close all doors and windows. Spray up into the air with a sweeping motion, keeping about three feet from interior walls, fabrics, furniture, until room is filled with mist. Keep room closed for 15 minutes.

TO KILL CRAWLING PESTS ROACHES, WATERBUGS, SILVERFISH, CRICKETS: Adjust sprayer nozzle to coarse spray as directed above. Spray hiding places such as baseboards and floor boards, moist places, openings around sinks, drains and pipes, behind bookcases, cabinets and other storage areas, hitting as many insects as possible. **ANTS:** Spray trails, nests, around window frames and openings, around pipes and baseboards where ants crawl, hitting as many as possible. **SPIDERS, CENTIPEDES,** **SOWBUGS:** Spray webs and places where these insects crawl. Hit as many as possible. Repeat as necessary.

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 AND 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 surface and utensils should be covered during the treatment, or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

EPA Reg. No. 4822-188
EPA EST. NO. 4822-WI-1

For additional information write:

CAROL HANSEN
S.C. JOHNSON & SON, INC.
Racine, Wisconsin 53403 USA

