

EFFICACY REVIEW

DATE: IN 3-11-94 OUT 1-11-95

FILE OR REG. NO. 4822-400

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED January 19, 1994

DATE OF SUBMISSION January 14, 1994

DATE SUEMISSION ACCEPTED _____

TYPE PRCDUCT(S): (I,)D, H, F, N, R, S Insect Growth Regulator

DATA ACCESSION NO(S) . 430895-02;D200364;S457368;Case#015527;AC:305

PRODUCT MGR. NO. 18-Hutton/Mendelsohn

PRODUCT NAME(S) RAID® Max™ Roach Sterilizer Discs

COMPANY NAME S. C. Johnson & Son, Incorporated

SUBMISSION PURPOSE Provide performance data in the form of reprint articles supporting concept of transport of active ingredient as significant in sterilization.

CHEMICAL & FORMULATION (S)-Hydroprene [Ethyl (2E, 4E, 7S)-3,7,11-trimethyl-2,4-dodecadienoate] 91.0% (3 "Egg Stopper" discs w/every 12 roach baits)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 430895-02, in the form of reprint articles supporting and explaining the concept of transport of active ingredient for short distances from the application site by means of vaporization as a significant factor in the sterilization of roaches exposed to even minute quantities of residue at a stage in the life cycle of female Blattella germanica crucial to reproductive success, are adequate to support the claims "Seeks out and sterilizes roaches" and "Sterilizes roaches where they hide and breed" when the subject product is used according to label directions and sterilizer discs are replaced according to the schedule stated on the label. The consumer survey included in the volume is adequate to demonstrate that the average user is unlikely to attribute mystical properties to the active ingredient in searching for roaches "like a guided missile", but rather understands that the product reaches roaches where they hide by diffusion from the original application site. The claim as "The most advanced roach control system available" should be qualified by insertion of "presently" or "currently" between "system" and "available", and should be deleted at some point in the future (a reprinting of the label) when no longer true.

RL Vern L. McFarland, IRB



13544



R134998

Chemical: 2,4-Dodecadienoic acid, 3,7,11-trimethyl-, ethyl ester, (S-(E,E))-

PC Code:
128966

HED File Code: 41600 BPPD Other

Memo Date: 1/14/1994

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Accession #: 000-00-9001

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