

EFFICACY REVIEW

DATE: IN 4-25-89 OUT 6-30-89

FILE OR REG. NO. 475-EII

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED April 12, 1989

DATE OF SUBMISSION April 12, 1989

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I), D, H, F, N, R, S _____

DATA ACCESSION NO(S). 410668-02, 410668-03, 410668-04, 410668-05 Record Number: 243512; Action Code: 165

PRODUCT MGR. NO. 15-LaRocca

PRODUCT NAME(S) Black Flag Fatal Attraction

COMPANY NAME Boyle-Midway Household Products, Incorporated

SUBMISSION PURPOSE Provide additional data required to support claims for comprehensive roach control for this chemical as previously requested in connection w/ 475-ETT.

CHEMICAL & FORMULATION Avermectin B₁ [A mixture of avermectins containing 80% avermectin B_{1a} (5-O-demethyl-avermectin A_{1a}) and 20% avermectin B_{1b} (5-O-demethyl-25-de(1-methylpropyl)-25-(1-methylethyl) avermectin A_{1a})] 0.05%

(1.5 gram station(s) with a 10.6 lbs. per gallon bait medium, 12 stations/package = 0.635 oz.)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 410668-02, having been derived from testing having the essential features of § 95-11(a) and (b) on pp. 267-8 and (c)(3)(b) on pp. 270-1 of the Product Performance Guidelines, are adequate to support the claims "kills roaches and the eggs they carry" and "kills roaches and their offspring" for the subject and related products (EPA Reg. Nos./File Symbols 475-ETT, -EIU, and -EIL) when used according to label directions. The data in MRID No. 410668-03, from tests using essential features of § 95-11(a), (b) and especially (c)(3)(a)(2) and (c) on pp. 270-1 of the Guidelines, are adequate to support the claims "kills [keeps killing] [controls] roaches for three months" and "continued use helps to eliminate roach populations [generations of "roaches]" and to substantially support the claims "effective on all types of roaches...", "effective on both small roaches... and large roaches..." and "proven effective against large and small roaches". The data in MRID Nos. 410668-04 and 410668-05 are adequate to give substantial support to the aforementioned claims of effectiveness for different species, types and sizes of roaches on the one hand and to the claims "kills resistant roaches" and "kills roaches resistant to conventional insecticides" on the other. All the submitted data satisfy the requests for data in 202.0 c., d. and g. of Joanne Edwards' review of 6-2-88 for EPA File Symbol 475-ETT and our reviews of 10-28-88 for EPA File Symbols 475-EIU and -EIL. Only the claims "controls the worst (toughest) infestation problems" and "guaranteed to... [end your roach problem] ..." are objectionable from the standpoint of being as yet unproven.

RL Venn L. McFarland, IRB