

EFFICACY REVIEW

DATE: IN 6- 6-95 OUT 8- 4-95

FILE OR REG. NO. 33657-0

PETITION OR EXP. PERMIT NO. \_\_\_\_\_

DATE DIV. RECEIVED May 22, 1995

DATE OF SUBMISSION May 16, 1995

DATE SUBMISSION ACCEPTED \_\_\_\_\_

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

DATA ACCESSION NO(S) . 436629-09;D216086;S488287;Case#007216;AC:115

PRODUCT MGR. NO. 13-LaRocca/Heyward

PRODUCT NAME(S) 1% Etofenprox Aerosol

COMPANY NAME Mitsui Toatsu Chemicals, Incorporated

SUBMISSION PURPOSE Provide additional data in support of claim for cockroaches with aerosol formulation of new a.i. after a lapse of 7 years since previous review.

CHEMICAL & FORMULATION Etofenprox [2-(4-Ethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether] 1.00% (aqueous, ready-to-use pressurized spray)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 436629-09, having been obtained from standard laboratory testing designed to simulate household use and meeting the requirements of § 95-11(b) (1) to (7) on p. 268 and the standard of § 95-11(c) (1) (ii) (A) (modified by using a registered similar product as a substitute for the OTA) and (B) (a) to (h) on pp. 269-70 of the Product Performance Guidelines, as well as the GLP requirements of 40 CFR, Part 160, are adequate to support the claim for control of cockroaches by direct spraying according to the label directions. These data confirm earlier results in MRID No. 402377-15 reviewed July 28, 1987 in connection with Zoecon's original EUP for the aerosol, 2724-EUP-UO, and which was referenced to support these claims for EPA File Symbol 2724-UNO, the original submission for the end-use product carrying claims for ants, flies, ticks and fleas in addition to roaches, which was reviewed February 4, 1988. The subject product has additional claims for crickets, earwigs, firebrats and silverfish, sowbugs (pillbugs), spiders, carpet beetles and pantry pests (sawtoothed grain beetle, red flour beetle, confused flour beetle and cigarette beetle), all of which may be accepted on the basis of the results with cockroaches, for direct spray only, since these are all crawling pests as well. The results of residual tests do not warrant allowing residual claims for this product. We note that the label directions state retreatment as necessary.

RL Vern L. McFarland, IRB

RIN# N32-02  
436629