

US EPA ARCHIVE DOCUMENT

12-5 95

EFFICACY REVIEW

DATE: IN 8- 1-95 OUT 12- 5-95

FILE OR REG. NO. 37425-GO

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED July 29, 1995

DATE OF SUBMISSION July 27, 1995

DATE SUBMISSION ACCEPTED _____

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

DATA ACCESSION NO(S) 431305-02 & -06; D217869; S491155; Case # 040783; AC:166

PRODUCT MGR. NO. 13-LaRocca/Heyward

PRODUCT NAME(S) Durasect Long-acting Livestock Pour-On

COMPANY NAME SmithKline Beecham Animal Health

SUBMISSION PURPOSE Provide references to performance data in support of label amendments relative to duration of control of susceptible horn flies on cattle.

CHEMICAL & FORMULATION Permethrin [(3)-phenoxyphenyl)methyl(+)-cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate]*
* cis/trans ratio: 1.0%
Maximum 35% (+) cis, (8.1 lbs./gal. ready-to-use pourable liquid)
minimum 65% (+) trans

CONCLUSIONS & RECOMMENDATIONS The referenced data in EPA Accession (MRID) Numbers 431305-02 and 431305-06, having been obtained from standard field testing conducted according to § 95-8(a)(1)-(4) & (5)(viii) on pp. 255-6 and § 95-8(a)(7) & (8) on p. 258 and meeting the standard of § 95-8(b)(1)(ii)(B) on p. 259 of the Product Performance Guidelines, and having been judged adequate to support the claim for horn fly control on cattle in our previous review, are also adequate to demonstrate control of susceptible horn flies for up to 11 weeks in Texas and 10 weeks in Maryland, respectively, and to support the proposed label amendment for controlling susceptible horn flies for up to 11 weeks. Based on previous acceptance of the label amendment withdrawing withholding restrictions for milk or pre-slaughter withdrawal requirements for EPA Reg. No. 39039-7, "Y-[®]Tex[™] Brute[™] Pour-on for Cattle", this amendment is also acceptable for the subject product on the basis of equivalent rates of actual permethrin per hundredweight, namely 143.5 milligrams a.i. per cwt.

NAC Vern L. McFarland, IRB

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