

US EPA ARCHIVE DOCUMENT

7-10-96

FILE

EFFICACY REVIEW

DATE: IN 4-17-96 OUT 7-10-96

FILE OR REG. NO. 37425-39

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED April 3, 1996

DATE OF SUBMISSION April 1, 1996

DATE SUBMISSION ACCEPTED _____

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

DATA ACCESSION NO(S) . 439765-01;D225301;S503987;Case#040783;AC:300

PRODUCT MGR. NO. 13-LaRocca/Heyward

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

COMPANY NAME Pfizer Animal Health

SUBMISSION PURPOSE Provide performance data in support of claims of control of house flies and stable flies for 18 days following a single application to cattle.

CHEMICAL & FORMULATION Permethrin (3-phenoxyphenyl)methyl (+)cis, trans-3-(2,2-dichloroethenyl)2,2-dimethylcyclopropanecarboxylate*
*Cis/trans isomer ratio: 1.0%
Minimum 35%(±) cis, (ready-to-use liquid of unknown Sp.Gr.)
Maximum 65%(±) trans

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 439765-01, having been obtained from a standard field test meeting the requirements of § 95-8(a)(1) - (5)(viii) on pp. 255-6 and (7) and (8) on p. 258, and the standard of § 95-8(b)(1), subpart (iii)(A) on p. 259 of the Product Performance Guidelines, are adequate to support the claims for at least 18 days control of house flies and stable flies following application to beef and dairy cattle and calves by means of an application gun capable of delivering a dose of 0.5 fl. oz. per 100 lbs. body weight, up to a maximum of 5.0 fl. oz. per single animal. Based on the performance with stable flies, the label should be amended to remove the name of this pest from the "Aids in the Control..." line under cattle. Indications are that use of the subject product reduces feeding of stable flies on treated cattle within 1 hour and that the effect lasts for up to a week at the 50% or higher level of reduction.

RL Vern L. McFarland, IRB