

US EPA ARCHIVE DOCUMENT

EFFICACY REVIEW

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PETITION OR EXP. PERMIT NO. _____

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

DATA ACCESSION NO(S). None; D/163689 ; Record No. 266749 ; 5 ; Case# _____ ; Action Code: 180

PRODUCT MGR. NO. 15 - LaRocca/Hebert

PRODUCT NAME(S) Bayocide™ Pour-On Insecticide

COMPANY NAME Mobay Corporation, Animal Health Division

SUBMISSION PURPOSE Provide summaries of performance data in support of claims for control of horn and face flies and biting and sucking lice on cattle by pour-on application.

CHEMICAL & FORMULATION Cyfluthrin; cyano(4-fluoro-3-phenoxyphenyl) methyl-3-(2,2-dichloroethenyl)-2,2-dimethyl cyclopropane carboxylate 1.0%

(7.91 lbs. per gallon ready-to-use non-aqueous liquid in 1-pint and 6-pint containers)

CONCLUSIONS & RECOMMENDATIONS The data summarized in the unaccessioned volume entitled "Bayocide™ Pour-On Insecticide, Volume II - Data Summaries (Other Material)" having been compiled from field testing conforming to requirements of § 95-8(a)(1)-(4) on p. 255 and § 95-8(a)(5)(viii) on p. 256 and § 95-8(a)(7) and (8) on p. 258, and meeting the standard(s) of § 95-8(b)(1)(i)(B) and (iv) on p. 259 of the Product Performance Guidelines, are adequate to support claims "For Control of Horn Flies, Face Flies... on Beef and Dairy Cattle (Including Lactating)"; the same volume contains summaries conforming to requirements of aforementioned parts of § 95-8(a) and meeting the standard of § 95-8(b)(1)(v)(A) on p. 259, are adequate to support claims "For Control of... Biting Lice and Sucking Lice on Beef and Dairy Cattle (Including Lactating)" when the subject product is carefully applied to the backline of animals according to the chart based on weight. These data summaries also support the statements that flies may be controlled by treatment at 3-week intervals or less often as the case may be, and that for optimal lice control [especially for sucking lice], an initial application followed by a second treatment 3 weeks later is recommended.

RL Vinn L. McFarland, IRB