

US EPA ARCHIVE DOCUMENT

3-1-96

EFFICACY REVIEW

DATE: IN 9-26-95 OUT 3- 1-96

FILE OR REG. NO. 64583-G

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED September 6, 1995

DATE OF SUBMISSION August 30, 1995

DATE SUBMISSION ACCEPTED _____

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

DATA ACCESSION NO(S) . 437582-01;D219577;S493521;Case#007054;AC:166

PRODUCT MGR. NO. 10-Keigwin/Sibold

PRODUCT NAME(S) Skedaddle® Insect Protection for Children Spritz

COMPANY NAME LittlePoint Corporation

SUBMISSION PURPOSE Provide performance data in support of claim for 2-hour minimum protection against mosquitoes and deer tick for a low concentration lotion formula.

CHEMICAL & FORMULATION N,N-Diethyl-meta-toluamide 6.2%
Related compounds 0.3%
(8.33 lbs./gal. aqueous ready-to-use liquid)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 437582-01, having been obtained from a standard laboratory test conducted according to a standard protocol meeting the requirements of § 95-9(a)(1)-(3) on p. 263 and the standard of § 95-9(b)(1)(iv) on p. 264 of the Product Performance Guidelines, are adequate to support the claim of 2 hours minimal repellency against Aedes aegypti when the subject formulation is applied to human skin at 50 milligrams to 15.90 square centimeters of exposed skin, which is equivalent to a thorough application that covers all exposed skin surface but without overapplying. The same data demonstrate effectiveness against nymphal deer ticks, Ixodes dammini, for a minimum of 3 hours when applied at the same rate, meeting the standard of § 95-9(b)(1)(iii) on p. 264 of the Guidelines. The claim for repelling biting flies is supported by the mosquito results.

NAC Vern L. McFarland, IRB

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