

US EPA ARCHIVE DOCUMENT

EFFICACY REVIEW

DATE: IN 7-20-92 OUT 9-4-92

FILE OR REG. NO. 121-59

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

DATE DIV. RECEIVED July 2, 1992

DATE OF SUBMISSION June 30, 1992

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

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

DATA ACCESSION NO(S). 423923-01; D180770; S422083; Case#039018; Action Code:305

PRODUCT MGR. NO. 10-Mountfort/Johnson

PRODUCT NAME(S) Cutter Insect Repellent #30ST

COMPANY NAME Miles, Incorporated, Consumer Household Products

SUBMISSION PURPOSE Provide performance data in support of a claim for repellency of mosquitoes for up to 6 hours when applied to human skin according to directions.

CHEMICAL & FORMULATION N,N-Diethyl-meta-toluamide 28.5%

Other isomers 1.5%

(1.06 gram per milliliter bulk density, stick form)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 423923-01, having been obtained from laboratory and limited field tests conducted in Germany according to a protocol which meets the requirements of § 95-9(a)(1)-(3) on p. 263 and § 95-9(b)(1)(iv) on p. 264 of the Product Performance Guidelines, are adequate to support the claim for up to 6 hours repellency against mosquitoes when applied to human skin according to label directions. However, since length of protection is related to a combination of gender, density and length of body hair and amount applied, applications directions should state that liberal amounts may be required to provide maximum protection times and that men will be protected longer than women when liberal amounts are applied.

RL Vern L. McFarland, IRB

PS.

JUST TELL THE CO. ITS O.K., BASED ON THE SINGLE STUDY AND PRIOR DEET TRACK RECORD. ACTUALLY, A SINGLE FOREIGN STUDY (WITH FEW U.S. SPECIES) ISN'T TOO TERRIFIC, BUT THE A. G. LAB STUFF IS SUFFICIENT.  
PLD