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PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED October 25, 1991DATE OF SUBMISSION October 15, 1991

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I, D, H, F, N, R, S) RepellentDATA ACCESSION NO(S). 420726-01; D171528; S407286; Case#018125; Action Code: 305PRODUCT MGR. NO. 10-Mountfort/BrennisPRODUCT NAME(S) 3M Insect/Arthropod Repellent LotionCOMPANY NAME 3M/Personal Care Products ProjectSUBMISSION PURPOSE Provide performance data in support of claims for
6-hour repellency of deer tick following application
to human skin.CHEMICAL & FORMULATION N,N-Diethyl- meta-toluanide 31.58%Other isomers 1.75%(1.012 grams per milliliter bulk density, cream)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 420726-01, having been obtained from laboratory testing according to a protocol that meets the requirements of § 95-9 on pp. 262-4 and especially § 95-9(a)(1)-(3) on p. 263 and the standards for § 95-9(b)(1)(iii) on p. 264 of the Product Performance Guidelines, are adequate to support a claim for repelling questing deer ticks, *Ixodes dammini*, for 6 hours on human skin for the subject product following a single application according to label directions. Therefore, the following claims on the amended general labeling submitted herewith, are acceptable as revised text: "Up to 6 Hours of Effective Protection Against Deer Ticks," "Repels Deer Ticks Up to 6 Hours," "Repels Deer Ticks that Can Cause Lyme Disease" (or) "Provides Effective Protection Against Deer Ticks that Can Cause Lyme Disease" (or) "Provides Effective Protection Against Dangerous Biting Ticks. Deer Ticks Too!" (or) "Repels Dangerous Biting Ticks - Deer Ticks Too!" "Contains Deet, the Most Effective Tick Protection (Tick Ingredient, Tick Fighting Ingredient or Tick Repellent) You Can Wear." These data also support addition of "Deer Ticks and other ticks" to the list of pests repelled on the front panel of U.S. Military labeling submitted concurrently with general labeling.

RL Vern L. McFarland, IRB