

EFFICACY REVIEW

DATE: IN 4-28-87 OUT 8-19-87

FILE OR REG. NO. 59-210

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED September 30, 1986

DATE OF SUBMISSION August 7, 1986

DATE SUBMISSION ACCEPTED _____

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

DATA ACCESSION NO(S). 265273; Record Number: 194614; Action Code: 305

PRODUCT MGR. NO. 15-LaRocca

PRODUCT NAME(S) Expar[®] Insecticide/Repellent for Dogs and Horses

COMPANY NAME Coopers Animal Health, Incorporated

SUBMISSION PURPOSE Provide data and revised labeling to support claims
of up to 28 days for fleas, ticks and lice on dogs and
up to 10 weeks for fleas in carpets.

CHEMICAL & FORMULATION Permethrin 1.0%

(non-pressurized water base pump spray)

CONCLUSIONS & RECOMMENDATIONS The data in EPA Accession Number 265273
are adequate to support the following claims for the subject product when used
according to label directions: "Provides residual protection against fleas and
ticks for up to 28 days on dogs following application." The data are adequate
to support a claim "Controls fleas on premises for up to 10 weeks" provided la-
bel directions are revised to state that 16 ounces will treat 25 square feet of
carpeting. According to our calculations, 16 ounces per 200 square feet equals
25.4 millilitres per square metre, whereas the carpet data are for an application
rate of 208 millilitres per square metre (see p. 8 of Report No. UREC 86-0005).
Either revise the labeling to reflect the application rate in the submitted car-
pet data or submit additional data demonstrating effectiveness of the 25.4 ml per
sq. metre rate for up to 10 weeks on carpeting and other premises.

RL Vern L. McFarland, IRB-TSS