MEMORANDUM

SUBJECT: EPA Reg. No./File Symbol 4816-551; 4816-688; 4816-TEE

Permanone 10 HFG Conc.; Permanone Multi Purpose 10% EC;
Permanone 10% EC.

FROM: Olga Odiott
Precautionary Review Section
Registration Support Branch
Registration Division (H75-05C)

TO: George La Rocca (PM 15)
Insecticide - Herbicide Branch
Registration Division (H75-05C)

APPLICANT: Fairfield American Corporation

809 Harrison Street
Frenchtown, N.J. 08825

FORMULATION FROM LABEL:

Active Ingredient(s):
Permethrin (3-phenoxypyphenyl)methyl (±) cis/trans
3-(2,2-dichloroethoxy) 3,2-dimethyl cyclopropane-1-carboxylate

% by wt.
10.00%

Inert Ingredient(s): ................................................
90.00%

Total 100.0%
BACKGROUND

The registrant is applying for: - amendments on EPA Reg. No. 4816-551 and 4816-688 ; - registration of 4816-TEE ( 4816-551, 4816-688 and 4816-TEE are identical products).

Reg. No. 4816-551 carries the signal word Warning and Reg. No. 4816-688 is mislabeled with the signal word Caution. The product was reformulated and a new eye irritation study submitted to justify downgrading of 4816-551 to Caution, and to retain the signal word for 4816-688 and it's split registration 4816-TEE. The study was conducted at Stillmeadow Inc. MRID No. 412178-02.

RECOMMENDATION

RSB/PRS finds the primary eye study acceptable to support the requested amendments/registrations. Nevertheless approval of the amendments/registration is not recommended until a new set of acute toxicity data is submitted on the reformulated product.

These products have been reformulated and changes in inert ingredients have been incorporated several times (12/17/79, 6/29/84, 6/23/88, 8/21/89)since first registered in November of 1979. Acute toxicity data, other than primary eye irritation studies; were not submitted in conjunction with the aforementioned changes in formulation. There are substantial differences between the current product formulation and the product that was originally tested and registered.

The following studies must be submitted on the new formulation: acute oral, acute dermal, acute inhalation, primary dermal irritation and dermal sensitization.

LABELING

The precautionary label review is pending submittance of outstanding data.

Note to PM:

A Memo by Dr. Stanley Gross in acute inhalation toxicity testing is included for registrant reference.
DATA REVIEW FOR ACUTE EYE IRRITATION TESTING ($81-4$

Product Manager: (15)  
MRID No.: 412178-02  
Reviewer: O. Odiott  
Report Date: June 23, 1989  
Testing Laboratory: Stillwater, INC.  
Report No. 4199-89  
Author(s): Kuhn, Janice O.  
Species: Rabbit, New Zealand white  
Sex: 36  
Source: Raymichley Rabbitry, Lubbock, Texas  
Weight: not specified  
Dosage: 0.1 ml  
Test Material: FE Nt 45, Permanone 10% E.C.  
Quality Assurance (40 CFR §160.12): attached  

Summary:  
Tox. Category: 111  
Classification: Guideline  

Procedure (Deviation From §81-4):  


Results:  


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Comments:  


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