

US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

006649

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

FEB 10 1988

MEMORANDUM

SUBJECT: EPA File Symbol 707-ERE  
Rally 40W Fungicide

FROM: Deloris F. Graham *D.F.G. 2/17/88*  
Technical Support Section  
Fungicide-Herbicide Branch  
Registration Division (TS-767C) *E 2/17/88*

TO: Lois A. Rossi, PM 21  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

APPLICANT: Rohm and Haas Company  
Independence Mall West  
Philadelphia, PA 19105

ACTIVE INGREDIENT:

Myclobutanil:  $\alpha$ -butyl- $\alpha$ -(4-chloro-phenyl)-1H-1,2,4-triazole-1-propanenitrile . . . . . 40%  
INERT INGREDIENTS: . . . . . 60%

BACKGROUND:

Submitted Dermal Sensitization Study to fulfill acute toxicity data requirements for conditional registration. Studies conducted by Hazleton Laboratories America, Inc., Vienna, Virginia. Data under EPA MRID No. 403571-03. Method of support not indicated.

RECOMMENDATION:

FHB/TSS finds this study acceptable to support conditional registration of this product.

LABEL:

No labeling required in regard to dermal sensitization.

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*[Signature]*

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REVIEW:

- (1) Dermal Sensitization Study: Hazleton Laboratories America, Inc.; Project ID.: HLA 417-424; August 26, 1987; EPA MRID No. 403571-03.

PROCEDURE:

One group of 19 guinea received 10 (3 doses/wk) of 0.4 ml doses of 50% w/w RH-3866 40W in distilled water during induction. Another group of 10 guinea pigs was treated with 0.4 ml of 1-chloro-2,4-dinitrobenzene (DNCB), in 80% v/v aqueous ethanol, positive control, in same manner as the previous test material group. Twelve days after final induction phase application a challenge dose was applied to test group, positive control group and a sham control group. At challenge a 0.1% DNCB in acetone was used. Observations were made at 24 and 48 hours after each application.

RESULTS:

One animal found dead at end of challenge exposure period. Gross necropsy of dead animal revealed no abnormalities, therefore death was considered incidental and not treatment related.

Grade 1 erythema reported in DNCB positive control group during induction from one to six animals. Grade 1 and 2 erythema reported in 3 to 7 animals after challenge which is considered indicative of sensitization.

No erythema reported in test group or sham control during induction or at challenge thereby indicating no sensitization reaction occurred.

STUDY CLASSIFICATION: Core Guideline Data

TOXICITY CATEGORY: Non-sensitizing

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