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TR-6025



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

006025

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MAY 08 1986

MEMORANDUM

SUBJECT: EPA Registration Number 476-2231  
Short-Stop 10-G

FROM: Deloris F. Graham *DJH 5/15/86*  
Technical Support Section  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

TO: Robert Taylor, PM 25 *E 5/15/86*  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

Applicant: Stauffer Chemical Company  
1200 South 47th Street  
Richmond, CA 94804

Active Ingredient:

✓ S-ethyl dipropylthiocarbamate . . . . . 10.0%  
Inert Ingredients: . . . . . 90.0%

Background:

Submitted Dermal Sensitization Study under requirements for conditional registration. Study conducted by Stauffer Chemical Company's Richmond Toxicology Laboratory. Data under Accession Number 260363. Method of support not indicated.

Recommendation:

FHB-TSS finds this study acceptable to support conditional registration of this product. Based on information reported, this product is not a sensitizing agent.

Label:

No label comments necessary in regard to dermal sensitization.

Review:

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- (1) Dermal Sensitization Study: Richmond Toxicology Laboratory; Report No. T-12191; August 5, 1985.

Procedure:

Three groups consisting of ten guinea pigs each were treated initially then three times a week for 3 weeks totaling ten applications during induction phase with one of the following substances: test material, negative control, or 0.1% dinitrochlorobenzene (DNCB), positive control. Test material was applied in 0.5 g topical applications. Two weeks after tenth induction phase application, a challenge dose was applied to respective groups. One week after challenge dose, positive control group was rechallenged. Observations made 24, 48, and 72 hours after challenge and rechallenge.

Results:

One animal in positive control group reported dead. No irritation reported in test or negative control groups during induction phase or at challenge. However, irritation (erythema, edema, eschar) and flaking skin was produced in positive control group (DNCB) during induction phase, challenge and rechallenge, thereby indicating a positive reaction.

Study Classification: Core Guideline Data.

Toxicity Category: Nonsensitizing.

## Eptam Science Reviews

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The material not included contains the following type of information:

- Identity of product inert ingredients.
- Identity of product inert impurities.
- Description of the product manufacturing process.
- Description of product quality control procedures.
- Identity of the source of product ingredients.
- Sales or other commercial/financial information.
- X   A draft product label.
- The product confidential statement of formula.
- Information about a pending registration action
- FIFRA registration data.
- The document is a duplicate of page(s)
- The document is not responsive to the request.

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The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.

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