

US EPA ARCHIVE DOCUMENT

MEMORANDUM

Date: July 20, 1981

Subject: EPA File Symbol: 499-EEN WHITMIRE PERMA-DUST PT-240
Caswell # 109

From: Cheryl A. Peterson *CP*
IRB/TSS

To: William Miller
Product Manager (16)

Applicant: Whitmire Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis, Missouri 63122

Active Ingredients:

Boric Acid20%

Inert Ingredients: 80%

Background:

This product is intended for restricted, indoor use as a crack and crevice treatment of domestic and food handling areas in hospitals, supermarkets, homes etc. against roaches, ants etc. The company has submitted an application for conditional registration of a new pesticide product. This product has been previously reviewed (see product jacket, Peterson review dtd 6-16-81). The applicant has submitted additional eye irritation data. The "cite-all" method of support has been indicated.

Recommendations:

1. The submitted primary ocular irritation study is acceptable.
2. This study indicates a Toxicity Category I classification (signal word: DANGER) for this product on the basis of potential eye hazard.
3. IRB/TSS would have no objection on the basis of acute toxicological considerations to the conditional registration of the above product under the "cite-all" method of support with the labeling revisions indicated below.

Labeling:

1. The appropriate signal word for this product is DANGER, as indicated by the submitted eye irritation study.

INERT INGREDIENT INFORMATION IS NOT INCLUDED

2. The PRECAUTIONARY STATEMENTS should be similar to the following:

DANGER: Causes irreversible eye damage. Harmful if swallowed or inhaled or absorbed through skin. Do not get in eyes or on clothing. Wear goggles or face shield when applying. Wash thoroughly with soap and water after handling and before smoking or eating. Remove contaminated clothing and wash before reuse. Avoid contamination of food, utensils, and food preparation areas.

3. Appropriate wording for crack and crevice treatment in food handling areas should be put on this label.

Review:

The following study was conducted by Scientific Associates, Inc. for Whitmire Research Laboratories on material identified as Whitmire Perma-Dust PT 240 [redacted]. It was received by PEA on 7-1-81, and is in Acc. No. 245379.

Primary Eye Irritation-Rabbit. Dated: 6-2-81. Study No. 294309

Procedure: 9 NZ white rabbits each received 0.1 ml. of the dust in one eye. 3/9 had eyes washed with 120 ml. lukewarm tapwater starting 20 seconds after instillation for one minute. Observations were made at 1, 24, 48, 72 and 96 hrs. and 7, 10, 14 & 21 days. Fluorescein observations were made. (3/6 unwashed, 1/3 washed - BSB 12/8/81)

Results: 4/9 eyes (1/9 unwashed) showed moderate corneal opacity at 21 days. 1/9 eyes showed minor conjunctivitis at 21 Days.

Study Classification: Core Guidelines Data.

Product Classification: Tox. Cat. I.