

US EPA ARCHIVE DOCUMENT

Memorandum

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Date: May 17, 1982

Subject: EPA Registration Number: 5481-130
Fruit Fix Super Concentrate 800

From: Deloris F. Graham *10/11 5/24/82*
FHB/TSS *E 5/24/82*

To: Robert Taylor
Product Manager (25)

Applicant: Amvac Chemical Corporation
4100 E. Washington Boulevard
Los Angeles, CA 90023

Active Ingredients:
Naphthleneacetic Acid.....21.6%
Inert Ingredients.....78.4%

Background: Submitted Eye Irritation Study. Study conducted by Northview Pacific Laboratories, Inc. Data under Accession Number 247314. The Eye Irritation Study was submitted in compliance with the Registration Standard for Naphthleneacetic Acid.

Recommendations:

(1) FHB/TSS finds this study acceptable to support the conditional registration of this product and satisfies the Registration Standard for Naphthleneacetic Acid.

(2) The appropriate ^{*Twenty Category*} ~~category~~ for this Eye Irritation Study is Category III.

Review:

(1) Eye Irritation Study: Northview Pacific Laboratories; N.V.P.# X2B008; February 18, 1982.

Procedure: Each of the nine rabbits received 0.1 ml of the test material in the right eye. The treated eyes of three of the rabbits were washed, twenty seconds posttreatment. Observations made at 24, 48, and 72 hours and 7, 14, and 21 days.

Results: At 24 hours, 5/6 animals of the unwashed group and 2/3 animals of the washed group had corneal opacity (1/6 = 5, 4/6 = 10) (2/3 = 5); 4/6 iris irritation (4/6 = 1); 6/6 redness (2/6 = 1, 4/6 = 2) (3/3 = 1); chemosis (3/6 = 1, 2/6 = 2, 1/6 = 3), and discharge (2/6 = 1, 2/6 = 2, 2/6 = 3). At 72 hours, 4/6 and 1/3 corneal opacity (1/6 = 5, 2/6 = 10,

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1/6 = 20) (1/3 = 5); 3/6 iris irritation (3/6 = 5); 5/6 and 2/3 redness (2/6 = 1, 3/6 = 3) (1/3 = 1, 1/3 = 2); 4/6 and 2/3 chemosis (1/6 = 1, 1/6 = 2, 2/6 = 3) (1/3 = 1, 1/3 = 2); and 3/6 and 1/3 discharge (1/6 = 2, 2/6 = 3) (1/3 = 1). At day 7, 1/6 corneal opacity (1/6 = 5), redness (1/6 = 1), chemosis (1/6 = 1), and discharge (1/6 = 1). At days 14 and 21 no corneal opacity or any other irritation present.

Study Classification: Core Guideline Data.

Toxicity Category: III - CAUTION

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