

US EPA ARCHIVE DOCUMENT

10-3-78

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

000754

DATE: October 3, 1978

SUBJECT: Vitavax-25 DB EPA Registration#400-115  
Caswell#165A

FROM: William Dykstra, Ph.D *10/3/78 WSD*  
TOX/HED TS-769

TO: Henry Jacoby  
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Action Type: Miscellaneous Data (6(a)2)

Recommendations:

1. The eye irritation test is acceptable as core-minimum data. The results show that formulated product is in Toxicity Category III: CAUTION.

Review:

1. Primary Eye Irritation Study of Vitavac-25 DB in Rabbits (Springborn Institute for Bioresearch, Inc., Report#3054.1, August 21, 1978)

Test Material: Vitavax-25 DB

0.1 gm of test material was instilled into the conjunctival sac of one eye of each of nine NZW rabbits with the untreated eye serving as a control. Three of the treated eyes were 30 seconds post-instillation. The remaining nine treated eyes were unwashed. Observation and scoring at 24, 48 and 72 hours according to Draize.

Results: Unwashed: No corneal opacity at any time. Mild conjunctivitis in 6/6 rabbits at 24 hours which disappeared at 48 hours. All readings zero at 48 and 72 hours.

Washed: No corneal opacity at any time. Mild conjunctivitis in 3/3 rabbits at 24 hours which disappeared in 2/3 at 48 hours. All readings zero at 72 hours.

Conclusion: Washing does not appreciably improve irritation. However, all treated eyes were only mildly irritated.

Classification: Core-Minimum Data TOX Category III: CAUTION

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