



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

008047

JUL 28 1990

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: Dermal Sensitization Study in Guinea Pigs - Firebrake ZB
Zinc Borate 2335
Caswell No. 909B
HED Project No. 0-1530
ID No. 1624-REN
MRID No. 415455-01

FROM: Elizabeth A. Doyle, Ph.D. *E. A. Doyle 7/20/90*
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Review Section I, TOX Branch II (HFAS) (H7509C)

and

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TOX Branch II (HFAS) (H7509C)

Registrant: US Borax and Chemical Corporation

Action Requested: TOX Branch II was requested to review a "Dermal Sensitization Study in Guinea Pigs" for Firebrake ZB Zinc Borate 2335. This study was provided to satisfy an existing data gap.

Recommendation: No evidence of dermal sensitization was reported in the subject study when the test material was patched as a 75% aqueous paste. However, no concurrent positive control data was provided to document that the study was conducted properly and that the test system was responding appropriately. On this basis, the study was classified as "Supplementary" and the data gap remains unsatisfied.

The registrant should provide another dermal sensitization study containing the appropriate controls.