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

FEB 24 1987

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

Subject: EPA Id. No. 083691 - Triphenyltin hydroxide. Review of a dermal absorption study with the test material dissolved in an EC formulation. Request for extended due date.

TOX CHEM No. 896F
TOX Project No. 7-0414
Record No. 189865

FROM:

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TO:

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THRU:

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Budd 2/24/87
for WBS 2/24/87

The American Hoechst Corporation (refer to letter from B. Volger to Mr. Douglas McKinney dated February 6, 1987) has submitted a dermal absorption study (Wil Research Laboratories study No. WIL-39033, dated Feb. 5, 1987) with the test chemical triphenyltin hydroxide (TPTH). In this study the test material was dissolved as an EC formulation. Toxicology Branch (TB) previously requested that TPTH be tested for dermal absorption properties as a suspension in water. Thus the study as submitted does not meet TB's data requirement. The registrant recognizes this discrepancy and has plans to repeat the study with the test material suspended in water. Dr. Volger's letter states that the protocol for the repeat study is attached but this protocol could not be found in the data package submitted to TB.

Dr. Robert Zendzian of TB will review the deraml absorption study with TPTH dissolved in the EC formulation for its scientific content and usefulness in assessing the dermal absorption of formulations containing TPTH. This study, however, cannot be used to meet the data requirement for the dermal absorption of TPTH as indicated in the registration standard for this chemical.

Dr. Zendzian requests that the due date for return of this action be extended to May 15, 1987.

TB also request that if available the protocol for the repeat dermal absorption study with TPTH suspended in water be sent to this branch for review.

CC Lois Rossi, PM 21, RD
Robert Zendzian, Toxicology Branch, HED