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

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OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Responses from American Hoechst Corporation. Regarding  
the Special Review of Triphenyltin Hydroxide (TPTH).  
Tox. Chem No. 896E

TO: Betty Shackelford (71)  
Registration Division (TS-767C)

FROM: Marion P. Copley D.V.M. *M. Copley 11/30/84*  
Section II, Toxicology Branch  
Hazard Evaluation Division (TS-769C)

THRU: Edwin R. Budd, Section Head  
Section II, Toxicology Branch  
Hazard Evaluation Division (TS-769C)

*E. Budd 11/21/85*  
*M. Copley 11/21/85*

Toxicology Branch (TB) feels that the American Hoechst Corporation submission of Nov. 14, 1984 does not satisfactorily eliminate concerns addressed in the Registration Standard for TPTH (also see TB memorandum of Nov. 7, 1984 by M. Copley regarding EPA petition No. 3F2823). No new information regarding TPTH is presented in the communication. A teratogenic NOEL needs to be established in order to determine the actual risk. The teratology study with Triphenyltin Fluoride (TPTF) also indicated hydroureter as a fetal lesion. The initial reviewer of this study felt that this compound was a teratogen (see memoranda by G. Robinson, 1/21/82 and 6/1/82, EPA symbol 5204-58).

Conclusion: TB feels that there is still a need for the Special Review concerning the teratologic effects of TPTH.