

BB-694



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

OFFICE OF PESTICIDES AND TOXIC SUBSTANCES

001213

MEMORANDUM

DATE: December 9, 1981

SUBJECT: Endothall; Additional Data; PP#1F1105, 2H5016  
CASWELL#421 Accession#070448, 096704

FROM: William Dykstra, Toxicologist  
Toxicology Branch/HED (TS-769)

W.D.P. JDC 12/10/81

TO: Richard Mountfort (23)  
Registration Division (TS-769)  
  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769)

Recommendations:

- 1) It is agreed that teratogenic effects noted at 40 mg/kg were elicited at levels of substantial maternal toxicity (8 maternal deaths were noted at this level). Hence, the terata observed at this level cannot be considered to reflect the true teratogenic potential of this compound.

However, it is noted that a pathologist did not sign any of the pathology sheets and hence it is questionable whether necropsies were performed under the supervision of a pathologist. It is concluded that 20 mg/kg was the NOEL for fetotoxicity in the study and that endothall did not produce a teratogenic effect at levels up to 20 mg/kg.

- 2) An in vivo cytogenetic mutagenicity study is not required to be re-submitted.

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