

CASWELL FILE



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

JUL 12 1985

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Thiram, Evaluation of Usefulness of Data Submitted  
in Response to the Registration Standard

TO: Henry Jacoby PM-21  
Registration Division (TS-767)

FROM: Robert P. Zendzian PhD, Acting head  
Review Section IV  
Toxicology Branch  
HED (TS-769)

THROUGH: Theodore M. Farber PhD, Chief  
Toxicology Branch

Compound Thiram

Tox Chem #856

Registration #7501-20

Registrant Thiram Task Force

Accession #258190-194

Action Requested

Review published data submitted by the Thiram Task Force for usefulness in filling data gaps identified in the Registration Standard.

Conclusion

The information submitted except as noted below cannot be used to satisfy the Thiram data requirements. In general published reports are lacking in necessary information such as identification of the test compound, completeness of description of the materials and methods used and completeness in presenting results which for our purposes must include all individual data generated in the study. The Agency will use published data to identify a possible toxic effect of a compound. However a safety study which requires confidence in identifying the presence or absence of a toxic effect and any dose relationship needs a Guideline study fully reported.

Several original reports of mutagenicity studies are included in the presentation which may be useful. For example in volume one are found the following two studies.

Mutagenic Evaluation of BIO-76-277, Thiurad (Lot Neo 8-002)  
Final Report, D.J. Brusick & R.J. Weir, Litton Bionetics, LBI  
Project No. 2683, Dec 30, 1976

Mutagenic Evaluation of BIO-76-277, Thiurad in the Mouse  
Lymphoma Forward Mutation Assay, Final Report, D.W. Matheson &  
D.J. Brusick, Litton Bionetics, LBI Project No. 20795, July  
1978

These are original reports which appear to be sufficiently detailed and to include all necessary information. If the Registrant(s) can identify the material used in these studies as Thiram, including lot number and purity, they can be evaluated. Similar reports will be considered for review if compound identification can be provided.

Certification should consist of a signed statement providing the identification information needed written on a copy of the report.