



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

002578

MEMORANDUM

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

TO: H. Jacoby, Product Manager #21
Registration Division (TS-767)

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

SUBJECT: Benomyl - No. 352-354. Rat Teratology Study.
Accession No. 248563.

TOX Chem. No. 75A

Registrant: E. I. DuPont de Nemours & Company, Inc.
Wilmington, Delaware

Action Requested:

Dupont has submitted a rat teratology study to provide a definitive NOEL for Benomyl teratogenicity effects.

Recommendation:

1. Toxicology Branch (TB) has reviewed and tentatively evaluated the study entitled "Benomyl Gavage: Teratogenicity Study in the Rat", Haskell Laboratory, Report No. 587-82, dated October 1, 1982, and referenced by EPA as No. 352-354, Accession No. 248563.

2. The only results were presented as a single page of summary data. The data in this summary table appears to support the provisional teratogenicity NOEL for the rat of 30 mg/kg/day, but this information is insufficient, since TB has no way of confirming the accuracy of these figures.

3. The data TB wants is that information on maternal and fetal effects from which the summary table was derived, so that TB will independently be able to determine the teratogenicity NOEL.

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4. This study is being assigned a Core Category of "Supplementary", with the possibility of upgrading when and if the additional data requested above is received.

5. TB is retaining the present study, pending submission of the additional data.

Minnie R. Sochard, Ph.D.
Toxicology Branch
Hazard Evaluation Division (TS-769)

3/1/83

Minnie Sochard

at home
3/11/83