



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

10-23-86  
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005562

MEMORANDUM:

SUBJECT: Addendum/Modification to the Toxicology Branch Chapter  
for the Registration Standard for Diazinon

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

Tox. Chem. No. 342  
(Tox. Project No. 23)

TO: George La Rocca  
Product Manager (15)  
Registration Division (TS-767)

FROM: Edwin Budd, Section Head  
Review Section II  
Toxicology Branch  
Hazard Evaluation Division (TS-769)

THRU: William Burnam, Deputy Chief  
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Hazard Evaluation Division (TS-769)

*Bdd  
10/23/86  
W. Burnam  
10/23/86*

In response to a question from Anne Barton (Deputy Director, HED) on October 20, 1986 regarding an apparent inconsistency in the classification and acceptability of the 1979 NCI rat and mouse oncogenicity studies on diazinon (both performed and reported concurrently), the following was determined.

Study Identification:

Bioassay of Diazinon for Possible Carcinogenicity (on rats and mice); Gulf South Breeze Research Institute; NCI Sponsored Study; #79-1392; Issued 1979; MRID #73372.

- 1) The oncogenicity portion of the rat study should be reclassified from Core-Supplementary to Core-Minimum. It is therefore acceptable as an oncogenic study. The requirement for a new oncogenic study in rats (as requested in the standard) should be deleted.
- 2) The chronic feeding portion of the same rat study, however, should remain classified as Core-Supplementary. It is not acceptable in fulfillment of the requirement for a chronic feeding study. The requirement for a new chronic feeding study in rats (as requested in the standard) should remain as an outstanding requirement.

The registration standard for diazinon should be modified accordingly. I apologize for any inconvenience this may have caused you.

cc: Anne Barton  
John Doherty

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