



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

APR 30 1987

005899

MEMORANDUM:

SUBJECT: Tetramethrin; EPA Reg. No. 10308-1; Addendum to  
Pathology Report

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

Caswell No. 844  
Record No. 187794  
Project No. 7-0359  
Accession No. MRID 143555

TO: Paul Schroeder  
Product Manager, 17  
Registration Division, TS-767

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

FROM: William Dykstra  
Toxicology Branch  
Hazard Evaluation Division, TS-769

*William Dykstra 3/23/87*

Requested Action:

Review addendum to pathology report by Drs. Vesselinovitch  
and Ito.

Conclusions and Recommendations:

1. The addendum to the pathology report is only acceptable as  
supplementary information. The addendum presents the summary  
findings based on the pathologic interpretation of interstitial  
cell lesions and neoplasms as determined by Sumitomo consultants,  
Drs. Vesselinovitch and Ito.

It should be noted that the data in the consultants  
report does not include the histologic details of the individual  
rats used in the 1974 and 1981 chronic rat studies. TB  
presently has the details of the individual animal, from the  
Hazleton studies and will perform survival disparity analyses,  
life-table analyses, and statistical analyses for presentation  
to the TB Peer Review Committee.

*i✓*  
*1/23/87*

The pathology addendum also contains the consultant's statistical analysis of the testicular lesions and neoplasms in the three rat studies.

The summary statistical and pathology data presented in the addendum will be presented, along with TB assessments, to the Peer Review Committee.

Review:

1. Addendum to: S.D. Vesselinovitch and N. Ito; Histologic Evaluation and Interpretation of Neo-Pynamin Bioassay Studies Carried Out on Sprague-Dawley (1974 and 1981) and Long-Evans (1981) Rats by Hazleton Laboratories Inc., for Sumitomo Chemical Company Ltd., (August 13, 1982).

A. No new data were presented. The summary incidence data and statistical analyses in the addendum do not impact significantly on the Hazelton evaluation. For future reference, the addendum is attached to the present review.

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ADDENDUM TO: HISTOLOGIC EVALUATION AND INTERPRETATION OF  
OF NEO-PYNAMIN BIOASSAY STUDIES CARRIED OUT ON SPRAGUE-DAWLEY  
(1974 AND 1981) AND LONG-EVANS (1981) RATS BY HAZLETON  
LABORATORIES INC. FOR SUMITOMO CHEMICAL COMPANY, LTD.  
(SEPTEMBER 9, 1982)

BY

S.D. VESSELINOVITCH AND N. ITO

  
Stan D. Vesselinovitch

July 27, 1984  
Date

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TETRA METHRIN

RIN 2488-93

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