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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

*Budd
4/29/87*

1-1-87

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.

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1/1/87*

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.

005899

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

69003

TETRAMETHRIN

RIN 2488-93

Page _____ is not included in this copy.

Pages 4 through 23 are not included.

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