

US EPA ARCHIVE DOCUMENT



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

OCT 6 1993

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: EPA ID# 009001. Lindane: Return of overviews of the carcinogenic potential of lindane prepared by the registrant and their consultant.

TOX CHEM No.: 527
PC No.: 009001
Barcode No.: D192975
Submission No.: S444288

FROM: John Doherty *[Signature]* 10/1/93
Section IV, Toxicology Branch I
Health Effects Division (H7509C)

TO: Robert Richards/Larry Schnaubelt
Product Manager #72
Registration Division (H7505C)

THROUGH: Marion Copley, DVM, Section Head *[Signature]*
Section IV, Toxicology Branch I
Health Effects Division (H7509C)
10/1/93
K.P. 10/14/93

The McKenna and Cuneo Law Offices has submitted on behalf of their client Centre International d'Etudes du Lindane (CIEL) two reviews on the carcinogenic potential of lindane (refer to letter from Michael R. Neilson dated July 13, 1993). These reviews which are more specifically identified below are being returned to Special Review and Reregistration Division. Inspection of these documents reveals that the carcinogenicity potential of lindane in these documents is based mostly on mouse carcinogenicity studies which the Health Effects Division RfD Committee has determined do not meet acceptable criteria for carcinogenicity assessment (refer to HED RfD Committee Peer Review Report dated August 25, 1993).

In a memo (refer to HED Document No.: 010603, dated Sept.24, 1993) subsequent to the HED RfD Committee Report, Toxicology Branch I (TB-I) at the recommendation of the HED RfD Committee requested a new mouse carcinogenicity study be provided. On completion of this study and its review by the



Agency to assure its acceptability, the issue of the carcinogenicity of lindane will be presented to the HED Carcinogenicity Peer Review Committee for classification with regard to carcinogenicity category.

TB-I requests that these overviews be returned to the registrant with the suggestion that they consider revising these overviews on completion of the new mouse carcinogenicity study and resubmitting the revised editions.

Identification of Documents.

Betsy D. Carlton, Ph.D., D.A.B.T. and Ann M. Blacker, Ph.D., D.A.B.T. "Review of the Carcinogenic Potential of Lindane" June, 1993.

"Lindane: A Review of the Scientific Literature Relative to Carcinogenic Potential in Humans and Laboratory Animals"
Prepared by SRI International, Inc., Washington, D.C., June 17, 1993.

Toxicology Branch I (TB-I) recommends that these overviews be returned to the registrant.