



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

8/14/85

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Lindane Registration Standard: Addendum-Requirement  
for Additional Metabolism Data.

TOX CHEM No. 527

FROM: John D. Doherty  
Toxicology Branch  
Hazard Evaluation Division (TS-769C)

TO: George LaRocca, PM #15  
Registration Division (TS-767C)

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

Bdd  
8/14/85

The Toxicology Branch (TB) Chapter of the Lindane Registration Standard (dated July 11, 1985) indicated that a metabolism study in mammals was a data requirement. The Centre International d'Etudes du Lindane (CIEL) has submitted a summary of the metabolism and pharmacokinetics of lindane together with supporting documents.

In response to Mr. Campt's memo of August 5, 1985 requesting an expedited review of the lindane metabolism studies the information submitted by CIEL has been reviewed and a decision regarding the requirement for additional metabolism studies with lindane has been made by TB.

No additional metabolism study with lindane is required.

A review of the summary and supporting documents submitted by CIEL is in preparation. This review will discuss the available data demonstrating the uptake, distribution, disposition, elimination of lindane and identification of lindane metabolites in mammals.