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

OFFICE OF  
PESTICIDES AND TOXIC  
SUBSTANCES

JUL - 9 1991

MEMORANDUM

SUBJECT: Environmental Fate Studies to be Included in Data Call  
In Notice for Lindane (009001)

TO: Amy Rispin, Chief  
Science Analysis and Coordination Staff  
Environmental Fate and Effects Division (H7507C)

FROM: George J. Tompkins, Entomologist *George Tompkins*  
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THRU: Henry Jacoby, Chief *Henry Jacoby*  
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After reviewing the EFGWB data files and the information  
supplied by SRRD, EFGWB believes that the following data  
requirements should be included in the DCI:

PREVIOUSLY REQUIRED STUDIES:

The following data were required under the original  
Registration Standard(1985) and unacceptable or supplemental only  
data were submitted:

<u>GR#</u>	<u>STUDY NAME</u>	<u>MRID</u>	<u>STATUS</u>
161-2	PHOTODEGRADATION IN WATER	00164545	supplemental 7/14/87
		00164547	supplemental 7/14/87
161-3	PHOTODEGRADATION ON SOIL	00164546	unacceptable 7/14/87
162-2	ANAEROBIC SOIL METABOLISM	40622501	unacceptable 8/21/89

<u>GR#</u>	<u>STUDY NAME</u>	<u>MRID</u>	<u>STATUS</u>
163-2	LABORATORY VOLATILITY	40622504	unacceptable 8/21/89
		40622505	unacceptable 8/21/89
		40622506	unacceptable 8/21/89
		40067302	unacceptable 11/6/87
		40067303	unacceptable 11/6/87
		40067304	unacceptable 11/6/87
164-1	TERRESTRIAL FIELD DISSIPATION	40622502	partially 8/21/89
		40622503	unacceptable 8/21/89

New studies should be required in the DCI for the above data requirements.

NEW DATA REQUIREMENTS:

No new data requirements have been identified

The criteria used to determine a specific data requirement were:

1. Any new data requirements not previously imposed by the Registration Standard (RS) but are now required.
2. Any studies submitted in response to the RS, reviewed by EFGWB and found not to satisfy the data requirement.
3. All data requirements that are reserved, either by the RS or recently reserved.

The criteria used for exclusion of a specific data requirement were:

1. Data requirements that were required by the RS and for which there is no record of submission.
2. Data requirements for which there are studies in-house, but have not yet been reviewed.

The EFGWB files indicate that the following data requirements are fulfilled:

- 161-1 HYDROLYSIS (MRID # 00161630 7/14/87)
- 162-1 AEROBIC SOIL METABOLISM (MRID # 40622501 8/21/89)
- 163-1 LEACHING/ADSORPTION/DESORPTION (MRID #'s 00164346, 00164538, 40067301, 9/19/88)
- 165-4 BIOACCUMULATION IN FISH (MRID #'s 40056101, 40056102 3/09/88)

EFGWB notes that in the "Detailed Report of Data and Study Requirements" the following studies are listed to be reviewed but have not been received by EFGWB:

163-1 LEACHING/ADSORPTION/DESORPTION MRID# 40622504\*\*

163-2 VOLATILITY LABORATORY MRID#'s 00154730, 00164639,  
40622504

164-1 TERRESTRIAL FIELD DISSIPATION MRID# 00164345

164-3 FOREST FIELD DISSIPATION MRID#'s 40240101, 40292101,  
40414701, 40523301, 40907601

\*\*The Leaching/Adsorption/Desorption data requirement was fulfilled with MRID# 40067301. The MRID# 40622504 was an unacceptable laboratory volatility study reviewed on 8/21/89 and is not a leaching/adsorption/desorption study.