

Shaughnessy No.: 009001

Date Out of EAB: JUL 15 1986

To: George T. LaRocca
Product Manager #15
Registration Division (TS-767)

From: Emil Regelman, Supervisory Chemist
Review Section #3
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

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Attached, please find the EAB review of...

Reg./File # : 359-710
Chemical Name: Lindane
Type Product : Insecticide
Product Name : Lindane HGI
Company Name : Rhone-Poulenc, Inc
Purpose : Review of proposed protocol

ACTION CODE: 177

EAB #(s) : 6357

Date Received: 2/5/86

TAIS Code: 44

Date Completed: 7/15/86

Total Reviewing Time: 0.5 day

Monitoring study requested:

Monitoring study voluntarily:

Deferrals to: Ecological Effects Branch
 Residue Chemistry Branch
 Toxicology Branch

REGISTRATION DIVISION DATA REVIEW RECORD

Confidential Business Information - Does Not Contain National Security Information (E.O. 12065)

1. CHEMICAL NAME

2. IDENTIFYING NUMBER	3. ACTION CODE	4. ACCESSION NUMBER	TO BE COMPLETED BY PM
			5. RECORD NUMBER
			6. REFERENCE NUMBER
			7. DATE RECEIVED (EPA)
			8. STATUTORY DUE DATE
			9. PRODUCT MANAGER (PM)
			10. PM TEAM NUMBER

14. CHECK IF APPLICABLE

- ☐ Public Health/Quarantine
 ☐ Minor Use
☐ Substitute Chemical
 ☐ Part of IPM
☐ Seasonal Concern
 ☐ Review Requires Less Than 4 Hours

TO BE COMPLETED BY PCB

11. DATE SENT TO HED/TSS

12. PRIORITY NUMBER

13. PROJECTED RETURN DATE

15. INSTRUCTIONS TO REVIEWER

- A. HED**
☐ Total Assessment - 3(c)(5)
☐ Incremental Risk Assessment - 3(c)(7) and/or E.L. Johnson memo of May 12, 1977.
B. SPRD (Send Copy of Form to SPRD PM)
☐ Chemical Undergoing Active RPAR Review
☐ Chemical Undergoing Active Registration Standards Review

- C.** ☐ BFS
D. ☐ TSS/RD
E. ☐ Other

F. INSTRUCTIONS

16. RELATED ACTIONS

17. 3(c)(1)(D)

- ☐ Use Any or All Available Information
 ☐ Use Only Attached Data
☐ Use Only the Attached Data for Formulation and Any or All
☐ Available Information on the Technical or Manufacturing Chemical.

18. REVIEWS SENT TO

- ☐ TB
 ☐ EEB
 ☐ EF
 ☐ PL
☐ RCB
 ☐ EFB
 ☐ CH
 ☐ BFS

19. To	TYPE OF REVIEW	NUMBER OF ACTIONS							
		Registration	Petition	EUP	SLN	Sec. 18	Inert	MNR. USE	Other
HED	TOXICOLOGY								
	ECOLOGICAL EFFECTS								
	RESIDUE CHEMISTRY								
	ENVIRONMENTAL DATA								
RD/TSS	CHEMISTRY								
	EFFICACY								
	PRECAUTIONARY LABELING								
BFS	ECONOMIC ANALYSIS								

20. ☐ Label Submitted with Application Attached
 21. ☐ Confidential Statement of Formula
 22. ☐ Representative Labels Showing Accepted Uses Attached
 23. Date Returned to RD (to be completed by HED)
 24. Include an Original and 4 (four) Copies of This Completed Form for Each Branch Checked for Review.

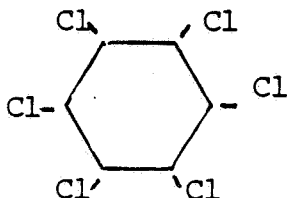
1. CHEMICAL:

Common Name: Lindane

Chemical Name: Gamma isomer of 1, 2, 3, 4, 5, 6, - hexachlorocyclohexane

Trade Name: Lindane HGI, et al. See Farm Chemicals Handbook

Structure:



Chemical Properties:

Must not contain less than 99.5% of the gamma isomer of BHC (hexachlorocyclohexane).

2. TEST MATERIAL:

No tests were run.

3. STUDY ACTION TYPE:

Review of protocol

4. STUDY IDENTIFICATION:

Draft Protocol Outline for Lindane Aquatic Residue Monitoring Study. Ref. 86/BHL/027/AG.
Prepared by: A. Guardigli, Rhone-Poulenc, Inc.
Jan. 1986.

5. REVIEWED BY:

Hudson Boyd
Chemist, Review Section #3
EAB/HED/OPP

Signature: Hudson Boyd

Date: 7-15-86

6. APPROVED BY:

Emil Regelman
Supervisory Chemist
Review Section #3
EAB/HED/OPP

Signature: Emil Regelman

Date: _____

7. CONCLUSION:

- 7.1 The protocol submitted would not meet EPA Guidelines Subdivision N, Sec. 165-4 (Accumulation in Fish) or Sec. 165-5 (Accumulation Studies of Aquatic Non-Target Organisms.).
- 7.2 The Exposure Assessment Branch does not believe that the protocol meets EPA Guidelines Subdivision E, Sec. 72-6 (Aquatic Organism Accumulation Tests) but defers to the Ecological Effects Branch if their determination is desired.

8. RECOMMENDATIONS:

Do not accept the proposed protocol for testing required to fulfill the data gap identified in TABLE A, Sec. 165-4, 5, Environmental Fate Studies, and do not grant the three month extension of time requested to submit the required data.

9. BACKGROUND:

The guidance document for the reregistration of lindane identified studies of accumulation in fish as being lacking and gave the registrant 12-months to perform those studies and to submit data. The registrant has submitted a draft protocol which does not comply with either Sec. 165-4 of Subdivision N nor with Sec. 72-6 of Subdivision E, and through their counsel requested a 3-month extension in time for completing the studies and submitting data.

10. DISCUSSION OF INDIVIDUAL TESTS OF STUDIES:

No tests were made.
Refer to the protocol attached.

11. COMPLETION OF ONE-LINER:

One liner not updated

12. CBI APPENDIX:

No CBI is appended.