

US EPA ARCHIVE DOCUMENT

Shaughnessy No.: 079401

Date Out of EAB: OCT 28 1985

SM

To: G. LaRocca
Product Manager 15
Registration Division (TS-767)

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

R

Attached, please find the EAB review of...

Reg./File # : 8340-13

Chemical Name: Endosulfan

Type Product : Insecticide

Product Name : Thiodan

Company Name : American Hoechst

Purpose : Aerobic Soil Metabolism Study in response to RS

Action Code(s): 661

EAB #(s) : 5734

Date Received: 7/2/85

TAIS Code: 44

Date Completed: OCT 28 1985

Total Reviewing Time: 2 days

Deferrals to: _____ Ecological Effects Branch
_____ Residue Chemistry Branch
_____ Toxicology Branch

Reviewer: *A. Schlosser*

1. CHEMICAL: Endosulfan 6, 7, 8, 9, 10-hexachloro-1, 5, 5a, 6, 9, 9a-hexahydro-6, 9-methano -2, 4, 3-benzodioxathiepin-3-oxide
2. TEST MATERIAL: Radiolabeled parent compound (alpha plus beta isomers).
3. STUDY/ACTION TYPE: Data submitted in response to R S.
4. STUDY IDENTIFICATION: Aerobic Soil Metabolism, January 9, 1985
Accession #256130.
5. REVIEWED BY:
Arthur O. Schlosser
Chemist
EAB/HED/OPP
Signature: Arthur O. Schlosser
Date: Oct 25, 1985
6. APPROVED BY:
Emil Regelman
Chief (acting)
Review Section #3, EAB/HED/OPP
Signature: E. Regelman
Date: OCT 28 1985
7. CONCLUSIONS: The study does not meet guidelines requirements because the test period was not long enough and the analyses of degradation products was not adequate.
8. RECOMMENDATIONS: This study cannot be used to fulfill guideline data requirements for endosulfan.
9. BACKGROUND: Registrant submitted study to fill R S data gap.
10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES: See Dynamac Task I, Endosulfan Addendum of September 19, 1985.
11. COMPLETION OF ONE-LINER: Not done at this time.
12. CBI APPENDIX: Study is assumed to be CBI and should be treated as such by the Agency.