

US EPA ARCHIVE DOCUMENT

Sec 1 Files

Shaughnessy No.: 081901

Date Out EAB: MAR 10 1986

Signature: 

TO: Henry Jacoby  
Product Manager #21  
Registration Division (TS-767C)

FROM: Emil Regelman, Chief  
Review Section 3  
Exposure Assessment Branch  
Hazard Evaluation Division



Attached please find the EAB Review of...

Reg./File No.: 50534-7

Chemical Name: CHLOROTHALONIL

Type Product: Fungicide

Product Name: BRAVO

Company Name: SDS BIOTECH

Purpose : Waiver request: data required by chlorothalonil

registration standard

ACTION CODE(s): 650

EAB # (s): 6252

Date Received: 01/15/86

TAIS Code: 46

Date Completed: 03/06/86

Total Reviewing Time: 1.0 Day

Monitoring requested: \_\_\_\_\_

Monitoring voluntarily Done: \_\_\_\_\_

Deferrals To:

\_\_\_\_\_ Ecological Effects Branch

\_\_\_\_\_ Residue Chemistry Branch

\_\_\_\_\_ Toxicology Branch

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1.0 CHEMICAL:

Common name Chlorothalonil

Chemical name Tetrachloroisophthalonitrile

Trade name Bravo; Exotherm Termil; Daconil 2787.

Action Fungicide

FORMULATIONS: 75% w.p.; 500g/l flowable.

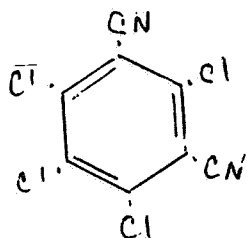
Chemical/physical properties: (Martin):

At 25°C solubility in H<sub>2</sub>O = 0.6 ppm

At 40°C v.p. < 0.01mm Hg

At 170°C v.p. < 9.2mm Hg

Structure



2.0 TEST MATERIAL:

No tests were made

3.0 STUDY ACTION TYPE:

Request for waiver of tests, viz., 161.4 (photodegradation in air); 163-2 (volatility, lab); 163-3 (volatility, field) required by Registration Standard dated September 28, 1984.

4.0 STUDY IDENTIFICATION:

No studies made. Request dated December 23, 1985.

5.0 REVIEWED BY:

Hudson L. Boyd  
Chemist  
EAB/HED/OPP

Signature: Hudson L. Boyd

Date: 5/6/86

6.0 APPROVED BY:

Emil Regelman, Chief  
Review Section #3, EAB/HED/OPP

Signature: 

Date: 10 1986

7.0 CONCLUSION:

No data submitted. However, reviewer referred to information available to EPA and concluded that request is reasonable.

8.0 RECOMMENDATIONS:

Grant the waiver of testing for photodegradation in air (161-4), and volatility, lab and field (163-2) (163-3).

Justification: 40 CFR Part 158.130, use pattern and vapor pressure as referenced in 1.0 above.

9.0 BACKGROUND:

Letter from SDS Biotech Corp. to H. Jacoby, EPA Registration Division, dated Dec. 23, 2985, referred to several data requirements made by the registration standard and for which waivers had been requested. Reference was made to a vapor pressure study which was "resubmitted (EPA Acc. No 259753) on October 7, 1985". That study unavailable to EAB reviewer and decision made with other available data on chloro-thalonil.

10.0 DISCUSSION OF INDIVIDUAL TESTS OF STUDIES:

No test data available to EAB reviewer.

11.0 COMPLETION OF ONE-LINER:

One-liner not amended.

12.0 CBI APPENDIX:

No CBI discussed.

FORM 100-16  
CASHWELL 40...

REGISTRATION DIVISION DATA REVIEW RECORD  
— TO BE USED FOR REVIEW OF STUDIES PPA ONLY —

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

(HED PROVIDE)  
PACK No.: 12889  
1-15-86

CHEMICAL NAME:

CHLOROTHALONIL

(RD PROVIDE)  
SHAUGNESSY NO.  
081901

Identifying Number	Action Code	Reference Number	Record Number	Study Guideline or Narrative Description	Reg. Std. Review Submission Criteria (SEE BELOW)	Accession Number	(RSEB Provide) MRID Number	(HED/BUD/TSS Complete) Review Results: Acceptable (A)/ Unacceptable (U)
50534-7	650	14	165469	161-2 161-3 161-4	2			

PRODUCT MANAGER (PM) OF REVIEW MANAGER (RM) AND NUMBER:

JACOBY 21

PM/RM TEAM MEMBER AND NUMBER:

J. NOLES 21

DATE RECEIVED (EPA):

02-05-85

RD BRANCH CHIEF INITIALS:

J. E. D.

CHECK APPLICABLE BOX:

- Adverse 6(a)(2) Data (405,406)
- Suspect Data (415,416)
- IBT Data (485,486)
- Groundwater Data (495,496)
- Data Waiver Request (Reregistration) (650,651)
- Formulation Data and Labeling (Reregistration) (655,656)
- Generic Data (Reregistration) (660,661)
- Special Review Data (870,871)

NUMBER OF INDIVIDUAL STUDIES SUBMITTED: 0

RELATED ACTIONS: REREGISTRATION

TO BE COMPLETED BY RSEB

DATE SENT TO HED/BUD/TSS: 01-15-86

INSTRUCTIONS: PLEASE EXPEDITE REQUEST FOR DATA WAIVER FOR DATA REQUIRED UNDER CHLOROTHALONIL REGISTRATION STANDARD; (ENVIRONMENTAL FATE)

PRIORITY NUMBER: 50

PROJECTED RETURN DATE: 03-17-86

DATE RETURNED TO RD (HED/BUD/TSS PROVIDE):

REVIEWS SENT TO:

RD:  SIS  TB  PCB  EAB  EEB  TSS  BUD:  EAB  SSB

TYPE OF REVIEW	NUMBER OF ACTIONS			FOR DATA SUBMITTED UNDER A REGISTRATION STANDARD: Review Submission Criteria
	Reregistration	Special Review	Other	
Toxicology				Policy Note #31 1 = data which meet 6(a)(2) or meet 3(c)(2)(B) flagging criteria 2 = data of particular concern 3 = data necessary to determine tiered testing requirements  NOTE TO TSS: Return 1 Copy To RSEB
Ecological Effects				
Residue Chemistry				
Exposure Assessment				
Product Chemistry				
Efficacy				
Precautionary Labeling/Acute Tox.				
Science Support				
Economic Analysis				

INCLUDE AN ORIGINAL AND FOUR (4) COPIES OF THIS COMPLETED FORM FOR EACH BRANCH CHECKED FOR REVIEW.