

Date Out EFB: APR 20 1982

To: Product Manager 16 Miller  
TS-767

From: Dr. Willa Garner <sup>lll</sup>  
Chief, Review Section No. 1  
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 40285-1, 40285-2, 40285-3

Chemical: Aluminum Phosphide

Type Product: Insecticide

Product Name: \_\_\_\_\_

Company Name: Degesch America, Inc.

Submission Purpose: Protocols submitted in reponse to  
registration standards.

ZBB Code: Other

ACTION CODE: 600

Date in: 3/17/82

EFB # 235-237

Date Completed: APR 20 1982

TAIS (level II) Days

Deferrals To:

66 3 Hrs.

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

  
Hudson Boyd  
Chemist  
Environmental Fate Branch  
Hazard Evaluation Division

1. Introduction

Chemical Name: Aluminium Phosphide

Trade Names: Detia Pellets (2548-63)  
Detia Tablets (2548-62)  
Degesch Phostoxin (R) New Coated Tablets - R  
Degesch (40285) and Research Products  
Company (2528) phosphine fumigants

Chemical structure:

Al-P

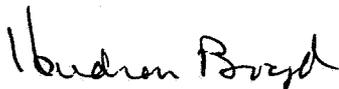
Letter from Degesch America, Inc.

1. Request of waiver of generic data requirements for "Nature of Residues" testing justification forthcoming.
2. Request for waiver of product specific data requirement for "Flammability" testing.
3. Report on the Ignition of Crude Aluminium Phosphide - Based upon data from DAI Laboratory Monthly Report of July, 1981.
4. Proposed Protocol for Volatility and Re-entry Testing:  
Grain Elevator  
Stored Tobacco Warehouse
5. Proposed protocol for hydrolysis testing of formulated products.

3.0 Comments

Defer waiver requests (2) to RCB/Prodt Chemistry.

Proposed testing protocols acceptable.



Hudson Boyd  
chemist  
Environmental Fate Branch  
Hazard Evaluation Division