

US EPA ARCHIVE DOCUMENT

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EEB

231724  
RECORD NUMBER

41701 & 57201  
Shaughnessey Code

36  
REVIEW NUMBER

ECOLOGICAL EFFECTS BRANCH REVIEW

DATE: IN 10-7-88 OUT DEC 6 1988

FILE OR REG. NO. 34704-EUP-RR DEC 6 1988

PETITION OR EXP NO. \_\_\_\_\_

DATE OF SUBMISSION 6-2-88

DATE RECEIVED BY HED 10-6-88

RD REQUESTED COMPLETION DATE 1-5-89

EEB ESTIMATED COMPLETION DATE 1-5-89

RD ACTION CODE/TYPE OF REVIEW 761

TYPE PRODUCT(S): I, D, H, F, N, R, S Insecticide

DATA ACCESSION NO(S). \_\_\_\_\_

PRODUCT MANAGER NO. W. Miller (16)

PRODUCT NAME(S) UAP 307 (Dyfonate & Phorate)

COMPANY NAME Platte Chemical Company, Inc

SUBMISSION PURPOSE Proposed EUP for use of new granular formulation containing dyfonate and phorate potatoes

Shaughnessey Code	Chemical and Formulation	% A.I.
<u>41701</u>	<u>dyfonate</u>	<u>8</u>
<u>57201</u>	<u>phorate</u>	<u>12</u>
_____	_____	_____

pages

228451  
RECORD NUMBER

41701 & 57201  
Shaughnessey Code

REVIEW NUMBER

ECOLOGICAL EFFECTS BRANCH REVIEW

DATE: IN 10-7-88 OUT DEC 6 1988

FILE OR REG. NO. 34704-EUP-RE

PETITION OR EXP NO. \_\_\_\_\_

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RD REQUESTED COMPLETION DATE 1-5-89

EEB ESTIMATED COMPLETION DATE 1-5-89

RD ACTION CODE/TYPE OF REVIEW 760

TYPE PRODUCT(S): I, D, H, F, N, R, S Insecticide

DATA ACCESSION NO(S). \_\_\_\_\_

PRODUCT MANAGER NO. W. Miller (16)

PRODUCT NAME(S) UAP 307 (Dyfonate & Phorate)

COMPANY NAME Platte Chemical Company, Inc

SUBMISSION PURPOSE Proposed EUP for use of new granular  
formulation containing dyfonate and phorate  
corn

Shaughnessey Code	Chemical and Formulation	% A.I.
<u>41701</u>	<u>dyfonate</u>	<u>8</u>
<u>57201</u>	<u>phorate</u>	<u>12</u>
_____	_____	_____
_____	_____	_____



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

DEC 6 1988

MEMORANDUM

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: EUP with UAP 307 (EPA Reg. No. 34704-EUP-RE and RR, Dyfonate and Phorate) for Corn and Potatoes, Respectively

FROM: James Akerman, Chief *Sumner J. Cook fw 12-6-88*  
Ecological Effects Branch  
Hazard Evaluation Division (TS-769c)

To: W. Miller, Product Manager Team (16)  
Insecticide - Rodenticide Branch  
Registration Division (TS-767c)

Ecological Effects Branch (EEB) cannot adequately address the hazard of phorate to avian and aquatic species without the data requested in the Ecological Effects chapter (7-27-88) of the phorate Second Round Review for the Registration Standard. The initial ecological effects data, field incidents, and field tests have shown phorate to be sufficiently toxic to require the following additional studies:

1. 71-4 Avian Reproduction - Upland Gamebird
2. 73-3 Estuarine and Marine - Shrimp LC<sub>50</sub>
3. 74-4 Fish Early Life Stage and Invertebrate Life Cycle for Both Freshwater and Marine Species
4. 74-7 Simulated or Actual Field Testing - Aquatic Organisms

Based on this, EEB presumes that phorate is hazardous to avian and aquatic species, and objects to the subject EUPs until the requested data are available for review.

Please call Dennis McLane (557-1993) if there are any further questions.