


Shaughnessy No.: 101201

Date Out EAB: JUL 10 1986

Signature: 

TO: William Miller
Product Manager #16
Registration Division (TS-767C)

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

Attached please find the EAB review of:

Reg./File No.: 239-2452- & 3125-341

Chemical Name: METHAMIDOPHOS

Type Product: INSECTICIDE - ACARICIDE

Product Name: MONITOR

Company Name: CHEVRON CHEMICAL COMPANY

Purpose : Data Screening

ACTION CODE(s): 660 & 495

EAB # (s): 6137-6138; 6165-6166

Date Received: 11/1/85 & 3/20/86

TAIS Code: 44 & 46

Date Completed: 7-9-86

Total Reviewing Time: 2.5 Day

Monitoring requested:

Monitoring voluntarily Done:

Deferrals To:

 Ecological Effects Branch

 Residue Chemistry Branch

 Toxicology Branch

 Product Chemistry (RCB)

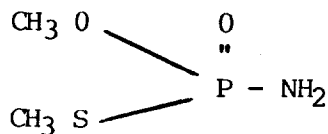
1. CHEMICAL:

Common Name: Methamidophos

Trade Name: MONITOR

Chemical Name: O,S - Dimethyl phosphoramidothioate

Structure:



FORMULATIONS: 4# EC and 6# EC

2. TEST MATERIAL:

Not applicable

3. STUDY ACTION TYPE:

Data screening. See discussion point 10.

4. STUDY IDENTIFICATION:

Accession Nos. 259941 and 259942

EAB 6137 - 6138 (Environmental Fate Date)

EAB 6165 - 6166 (Ground water concerns)

5. REVIEWED BY:

Hudson L. Boyd
Chemist
EAB/HED/OPP

Signature: Hudson L. Boyd

Date: 7/9/86

6. APPROVED BY:

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

Signature: Emil Regelman

Date: JUL 10 1986

7. CONCLUSION:

Data for EAB 6137 - 6138 and 6165 - 6166 are one and the same for different purposes:

7.1 Completion of the Registration Standard.

7.2 Screening for potential groundwater contamination.

It appears that methamidophos and its metabolites are highly mobile but of such a short (< 2 weeks) half - life as to preclude a concern about their potential for groundwater contamination. The octanol/water partition coefficient is given as 0.18, indicating a very high water solubility but, again, with rapid degradation in soil, methamidophos should not pose a problem for groundwater.

8. RECOMMENDATIONS:

8.1 Return to RD to hold for resubmission when FRSTR is prepared for methamidophos.

8.2 Reconsider when (if) there is a groundwater data call-in issued.

9. BACKGROUND:

Data forwarded to HED/EAB through misunderstanding.

10. DISCUSSION OF INDIVIDUAL TESTS OF STUDIES:

10.1 Additional data to fill data gaps previously identified by the Registration Standard should be accumulated for review/evaluation when the FRSTR is prepared.

10.2 The appearance of methamidophos on the computer tracking sheet for groundwater DCI was an error. G. Werdig has not issued a data call-in for methamidophos.

11. COMPLETION OF ONE-LIENER:

One liner not amended

12. CBI APPENDIX:

Data packages are confidential business information.