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SHAUGHNESSEY NO.

REVIEW NO.

EEB REVIEW

DATE: IN 6.13.85 OUT 7.1.85

FILE OR REG. NO 3125-341

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

DATE OF SUBMISSION 1.14.85

DATE RECEIVED BY HED 6.11.85

RD REQUESTED COMPLETION DATE 9.27.85

EEB ESTIMATED COMPLETION DATE 9.20.85

RD ACTION CODE/TYPE OF REVIEW 400/Data

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

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

PRODUCT MANAGER NO. W. Miller (16)

PRODUCT NAME(S) MONITOR

COMPANY NAME Mobay Chemical Company

SUBMISSION PURPOSE Submission of miscellaneous data for EEB files.

SHAUGHNESSEY NO. CHEMICAL, & FORMULATION 8 A.I.

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

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Submission of Miscellaneous Data on Monitor  
(Methamidophos) for EEB Files. No Registration  
Action Involved.

TO: W. Miller  
Product Manager 16  
Registration Division

THRU: D. Coppage  
Section Head, EEB/HED

THRU: M. Slimak  
Chief, EEB/HED

EEB notes receipt of the following data submissions:

1. Lamb, D.W. and M.A. Burke. 1977. Dietary Toxicity of MONITOR<sup>®</sup> Technical to Bobwhite Quail and Mallard Ducks.
2. Nelson, D.L. and M.A. Burke. 1977. Acute Toxicity of MONITOR<sup>®</sup> Technical to Daphnia magna.
3. Nelson, D.L. 1979. Acute Oral Toxicity of MONITOR Technical to Bobwhite Quail. Mobay Chemical Corporation, Toxicology Department; Ref: 1328; AC 67993 (Tox 35) EHR 833.
4. Lamb, D.W. and D.J. Roney. 1972. Acute Oral Toxicity of MONITOR to the Common Grackle. Mobay Chemical Corporation, Toxicology Department. Ref: 1328; AC 31952, EHR 842.
5. Schafer, E.W. 1984. Bird Toxicity and Repellency. United States Department of Interior, Denver, Colorado. Ref: 1328; AC 86732.

6. Nelson, D.L. 1979. Acute Dietary LC<sub>50</sub> of MONITOR Technical to Ducks. Mobay Chemical Corporation, Toxicology Department; Ref: 1328; AC 67844 (Tox 34) EHR 834.
7. Fink, R. 1979. Eight-Day Dietary LC<sub>50</sub> in Bobwhite Quail with MONITOR Technical. Wildlife International LTD; Maryland. Ref: 1328; AC 68259 (Tox 50) EHR 2342.
8. Lamb, D.W. and D.J. Roney. 1972. Toxicity of MONITOR 6EC to Juvenile Bobwhite Quail and New Zealand Rabbits Under Simulated Field Conditions. Mobay Chemical Corporation, Toxicology Department. Ref: 1328; AC 32414, EHR 844.
9. Nelson, D.L. 1979. Acute Toxicity of MONITOR Technical to Bluegill and Rainbow Trout. Mobay Chemical Corporation, Toxicology Department. Ref: 1328; AC 67739 (Tox 25) EHR MF.
10. Hermann. 1980. Acute Toxicity of SRA 5172 to Rainbow Trout. Institute for Toxicology, Bayer AG. Ref: 1328; AC 88500 (FF-106) EHR MF.
11. Spare, W.C. 1983. The Acute Toxicity of Methamidophos to *Mysidopsis bahia* (Bay Shrimp). Biospherics Incorporated, Maryland. Ref: 1328; AC 86639 (Tox 487) EHR 822.
12. Spare, W.C. 1983. The Acute Toxicity of Methamidophos to Sheepshead Minnow. Biospherics Incorporated, Maryland. Ref: 1328; AC 86640 (Tox 488) EHR 823.
13. Lamb, D.W. and D.J. Roney. 1972. Acute Toxicity of MONITOR 4 to Fish. Mobay Chemical Corporation, Toxicology Department. Ref: 1328; AC 32312, EHR 827.
14. Nelson, D.W. 1979. Acute Toxicity of MONITOR Technical to *Daphnia magna*. Mobay Chemical Corporation, Toxicology Department. Ref: 1328; AC 67732 (Tox 22) EHR MF.
15. Lamb, D.W. 1980. Accumulation and Persistence of Residues in Bluegill Exposed to Methamidophos-14C. Mobay Chemical Corporation, Toxicology Department. Ref: 1328; AC 68966 (Tox 108) EHR 824.

16. Larry, J.B. 1975. Orthene - MONITOR Distribution Between Octanol and Water. Chevron Chemical Co., California. Ref: 1328; AC 80869, EHR MF.
17. Minor, R.G. 1980. MONITOR Octanol/Water Partition Coefficient. Mobay, Ag. Chem. Division, Mobay, Biochemical Department. Ref: 1328; AC 68527, EHR 828.

Note of the receipt of these studies has been placed in EEB files. Inasmuch as no action is requested with regard to these studies, the data have not been evaluated. However, EEB notes that some of the studies have identical test results to previously evaluated studies on MONITOR®.

EEB reminds the Registration Division that a field study is due in September 1985, as so required by the MONITOR® Registration Standard of 1982. EEB files contain no record of a protocol being submitted prior to study initiations nor does EEB know if a field study is in progress. Also required by the 1982 Registration Standard are acute marine/estuarine toxicity tests, also due in September 1985. The present miscellaneous data submission contains some data on marine and estuarine organisms. However, a record of a phone conversation between EPA (RD) and the registrant indicates the present studies are not submitted in response to the Registration Standard. Therefore, EEB will note the submissions but await studies intended to fulfill requirements before undertaking data evaluation.

EEB wonders what is the status of the required field study due in September 1985. Because no time extension has been requested EEB notes the registrant may fail to comply with the data submission schedule dictated in the Registration Standard.

*M. Rostker* 1 July 1985  
M. Rostker  
Wildlife Biologist  
EEB