

US EPA ARCHIVE DOCUMENT

EEE BRANCH REVIEW

DATE: IN _____ OUT _____ IN 2/8/77 OUT 8/23/77 IN _____ OUT _____
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 618-75
PETITION OR EXP. PERMIT NO. 5F1646
DATE DIV. RECEIVED 2/8/77
DATE OF SUBMISSION _____
DATE SUBMISSION ACCEPTED 1
TYPE PRODUCT(S): I, D, H, (F) N, R, S 3CID-28-10
PRODUCT MGR. NO. E. Wilson 21
PRODUCT NAME(S) Marfact 345-F
COMPANY NAME Merck and Co.
SUBMISSION PURPOSE PROTOCOL
CHEMICAL & FORMULATION 2-(4-thiazolyl) benzimidazole

Photochemical Degradation of Thiabendazole in Soil by Warf Institute, Inc. Madison, Wisconsin. 2/2/77.
Merck and Co., Rahway, N.J.

The suggested protocol is adequate for assessing hazards to the environment. The applicant should include the following information when reporting the results:

- 1) Characterization of soil used in photolysis experiment.
- 2) Records of gas chromatograms and other similar records on analytical methods.
- 3) Mathematical equations used and calculations based on the equations.
- 4) Complete record of the time of day, season, and atmospheric conditions during the experiment.

Effect of Soil Microorganisms on Radiolabeled thiabendazole by Warf Institute, Madison, Wisconsin. Merck and Co., Rahway, N.J. 2/2/77.

The suggested protocol is adequate for assessing hazards to the environment. The applicant should include the concentration of radiolabeled thiabendazole used in the study. This concentration should approximate actual use conditions.

Aged Soil Leaching Study, Column Method, Radiolabeled Thiabendazole by Warf Institute, Madison, Wisconsin, Merck and Co., Rahway, N.J. 2/2/77.

The suggested protocol is adequate for assessing hazards to the environment.

Supplemental Field Dissipation Studies Thiabendazole. Warf Institute, Madison, Wisconsin. Merck and Co., Rahway, N.J. 2/2/77.

The suggested supplemental protocol is adequate for assessing hazards to the environment.

NOTE:

We would like copies of protocol if there are extras. We do not understand why protocol is routed under

pesticide petitions and registrations.

RW Cook Acting 9-19-77

Ronald E. Ney, Jr., 8/23/77

Karen Sampson

Environmental Chemistry Section

EEE Branch

Karen Sampson 9-19-77