

US EPA ARCHIVE DOCUMENT

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EEE BRANCH REVIEW

DATE: IN 11/8/78 OUT 8/20/79 IN _____ OUT _____ IN _____ OUT _____
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 3125-GRI, -GRO, -GEN

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED _____

DATE OF SUBMISSION _____

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCTS(S): I, D, H, F, N, R, S _____

DATA ACCESSION NO(S). _____

PRODUCT MGR. NO. Jacoby

PRODUCT NAME(S) Bayleton

COMPANY NAME Mobay Chemical Corporation

SUBMISSION PURPOSE Resubmission of Data

CHEMICAL & FORMULATION: Bayleton

1-(4-chlorophenoxy)-3,3-dimethyl-1H-1,2,4-Triazol-1-yl)-2-butanone

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100.0 Pesticidal Use

Manufacturing Use Only

100.1 Purpose of Submission

Resubmission of data

101.0 Chemical & Physical Properties

101.1 Chemical Name

1-(4-chlorophenoxy)-3,3-dimethyl-1-1(HH-1,2,
4-triazol-1-yl)-2-butanone

101.2 Common Name

Bayleton

103.0 Toxicological Properties

103.1.2 Bird

Reference: EEB Review by R.W. Felthousen, 4/13/78.
Mallard duck acute oral LD₅₀ (tech.) 4,000 mg/kg.

This study was previously found invalid because test conditions, food consumption and body weight data were not reported. In a subsequent review (See L. Turner - 1/12/79) these data were reported and the study reclassified as core data. I concur with Turner's opinion.

103.1.3 Fish

Reference: EEB review by R. Felthousen, 4/13/78.
Rainbow trout 96 hour LC₅₀.

This study was previously found invalid because of an error in the mortality data originally submitted. this error has been corrected and the study is reclassified as core. I concur with Turner's opinion.

104.0 Hazard Assessment

104.1 Discussion

104.1.1 Adequacy of data

All the basic fish and wildlife data requirements have been submitted and found to be adequate to support registration.

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Conclusions

1. The mallard duck study has been reclassified as core data and adequate to support registration.
2. The rainbow trout study has been reclassified as core data and adequate to support registration.
3. The canary study remains classified as invalid and cannot be used to support registration.
4. All the basic fish and wildlife data requirements have been submitted and found to be adequate to support registration.

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Richard M. Felthousen

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August 21, 1979

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