

US EPA ARCHIVE DOCUMENT

EEE BRANCH REVIEW

DATE: IN 9/27/78 OUT 8/9/79 IN _____ OUT _____
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 239-2404

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). 235153

PRODUCT MGR. NO. 16

PRODUCT NAME(S) Monitor

COMPANY NAME Chevron Chemical Co.

SUBMISSION PURPOSE New Data for Validation

CHEMICAL & FORMULATION _____

Environmental Safety Review

100 Product Name

Monitor

100.1 Purpose of Submission

Submission of a 48-hour aquatic invertebrate (Daphnia) study.

103.0 Toxicological Properties

103.2.4 Aquatic Invertebrate

Daphnia magna 48-hr LC₅₀ = 0.076 mg/l measured

Information on the daphnia study is on file under accession 235153. Data evaluation records on the above study are available upon request to EEB.

105.0 Conclusions

The above study has been reviewed and is considered acceptable for registration. However, Ecological Effects Branch requests clarification of a couple of items:

1. Since the Ecological Effects Branch has no record of an EPA approved "Protocol for Daphnia LC₅₀ Studies", by R.E. Wheeler, Chevron Chemical Co., 1978, we would like to see said protocol and any correspondence regarding approval.
2. Clarification of data set and statistical analysis used. The study states, "Chi square statistical analysis was done to give a median lethal concentration (LC₅₀)...." However, chi square is used for statistical verification and goodness of fit but not for LC₅₀ determinations.

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August 9, 1979

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