

US EPA ARCHIVE DOCUMENT

Jacket in S.B.

9-14-76
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EEE BRANCH REVIEW

DATE: IN _____ OUT _____ IN 7/28/76 OUT 9/14/76 IN _____ OUT _____

FISH & WILDLIFE

ENVIRONMENTAL CHEMISTRY

EFFICACY

FILE OR REG. NO. _____ 239-2452 239-EULE

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED _____ July 13, 1976

DATE OF SUBMISSION _____ July 1, 1976

DATE SUBMISSION ACCEPTED _____ 3cld - yes -2b

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

PRODUCT MGR. NO. _____ 16 (Gee)

PRODUCT NAME(S) _____ MONITOR Technical

COMPANY NAME _____ Chevron

SUBMISSION PURPOSE _____ registration of technical material

CHEMICAL & FORMULATION _____ Monitor [O,S-dimethyl phosphoramidothioate]
(methamidophos-proposed common name)

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1.0 Introduction

1.1 Registration is sought for Monitor Technical for formulation of Monitor insecticide products only.

2.0 Directions for Use

2.1 For formulation of Monitor insecticide products only.

2.2 Dispose of unusable rinsate by approved federal, state or local procedures.

2.3 Dispose of container by triple rinsing and then recycling, re-conditioning, disposing in approved landfill or burying in a safe place.

3.0 Discussion of Data

3.1 The following environmental chemistry data was submitted by reference:

Section D, MONITOR Insecticide Residue Tolerance Petition OF0956, filed April 8, 1970 (Vol. 3 of 4 volumes)

	<u>Reference Number</u>	<u>Page Number</u>
Metabolism and Hydrolysis	9	
Degradation of MONITOR Insecticide in Soil Dated: March 5, 1968		293
Metabolism of MONITOR Insecticide by Plants Dated: October 24, 1968		306
Hydrolysis of MONITOR Insecticide Dated: June 22, 1966		330
Rates of Hydrolysis of MONITOR Insecticide in Aqueous Solutions Dated: November 7, 1968		334
Microsomal Oxidation of MONITOR Dated: September 26, 1968		338
Metabolism of MONITOR Insecticide by Rats Dated: October, 1969		341
Movement in Plants and Soil	10	
Uptake and Translocation of MONITOR Insecticide by Tomato, Cabbage and Bean Plants Dated: July 1, 1968		379
Leaching of MONITOR Insecticide in Soils Dated: October 24, 1968		388

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3.2 All of the above studies were reviewed in our evaluation of OF0956 dated April 17, 1970 and are acceptable.

4.0 Recommendations

4.1 Environmental Chemistry concurs.

Ronald E. Ney, Jr. 9/14/76

Ronald E. Ney, Jr. 9/14/76

Samuel M. Creeger Sept 20, 1976

Samuel M. Creeger 9/14/76
Environmental Chemistry Section
Efficacy and Ecological Effects Branch

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