



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

SEP 23 1992

Chemical: XRD-498
PC Code No.: 129016
EFGWB No.: 92-1308/1309
DP Barcode: 181966/181975
Action Code: 100

MEMORANDUM

SUBJECT: Review of New Chemical Screen Data for XRD-498

TO: J. Miller/S. Robbins
Product Manager #23
Registration Division (H7505C)

THRU: Henry Jacoby, Chief
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Registration Division is requesting that environmental fate data submitted with the new chemical screen and EUPs for XRD-498 be placed in review. The status of the environmental fate studies for fulfillment of the respective data requirement needs to be determined for registration of XRD-498.

ALL environmental fate studies submitted to the Agency for fulfillment of data requirements have been reviewed as of March 1992 (WGM;03/24/92). The status of the environmental fate studies is summarized on the following page:



<u>Environmental Fate Data Requirement</u>	<u>Status of Data Requirement</u>	<u>MRID No.</u>
Degradation Studies-Lab		
161-1 Hydrolysis	Fulfilled (WGM;02/02/90)	41263229
161-2 Photodegradation in water	Fulfilled (GJT;03/24/92)	41931726 41931727
161-3 Photodegradation on soil	Fulfilled (WGM;03/24/92)	41931728 41931729 41931730
161-4 Photodegradation in air	Not Submitted ¹	
Metabolism Studies-Lab		
162-1 Aerobic soil	Fulfilled (WGM;06/22/90) (WGM;03/24/92)	41263230 41931731 41931732
162-3 Anaerobic aquatic	Fulfilled (WGM;03/24/92)	41931733
Mobility Studies		
163-1 Leaching, Adsorption/ Desorption	Fulfilled ² (WGM;06/22/90)	41263231 41290403
163-2 Volatility-lab	Not Submitted ¹	
163-3 Volatility-field	Not Submitted ¹	
Dissipation Studies-field		
164-1 Soil	Fulfilled (WGM;03/24/92)	41931735
Accumulation Studies		
165-1 Rotational crops-confined	Not Fulfilled ^{2&3} (WGM;02/02/90) (WGM;03/24/92)	41263232 41931739
165-4 in Fish	Waived (WGM;06/22/90)	

¹ Based on the low vapor pressure (0.8×10^{-15} mm Hg) and toxicological classification of ≥ 3 , there would be sufficient data to support a waiver request for these studies.

² Based on insufficient data to support the rotational crop data requirement, there should be no rotation of crops.

³ New chemical screens should include a complete data package. This data package is reviewed as acceptable data for the respective data requirement.