

US EPA ARCHIVE DOCUMENT



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

MEMORANDUM

AUG 15 1983

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

TO: Geraldine Werdig, Chief  
Data Call-In Program  
Registration Division (TS-767)

THRU: Christine F. Chaisson, Ph.D. *C.F. Chaisson*  
Head, Review Section No. 4  
Toxicology Branch  
Hazard Evaluation Division (TS-769C)

SUBJECT: Methanearsonates; Data Call In. Caswell No. 549A

Recommendations:

The use of MAA technical as the test material for oral feeding or gavage toxicity studies can be toxicologically supported in light of the finding that disodium methanearsonate degrades to MAA in human gastric juices. The same conversion of any methanearsonate to MAA would also be expected.

Applicator exposure studies can also be conducted with MAA or any methanearsonate since the results of toxicology oral feeding or gavage studies with MAA will be used to determine risk from exposure to applicators and flagmen.

*William Dykstra*

William Dykstra, Ph.D.  
Toxicology Branch  
Hazard Evaluation Division  
(TS-769C)

*Hf cffs 8/12/83*