



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

C. J. Tuller
2-21-92

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OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: Dimethoate: Registrant Inquiry on Data Requirements; Chemical No. 35001;
Branch No. 9222; DP Barcode No.: D173151

FROM: Christine L. Olinger, Chemist
Special Review Section I
Chemistry Branch II - Reregistration Support
Health Effects Division (H7509C) *Christine Olinger*

THRU: Andrew Rathman, Section Head
Special Review Section I
Chemistry Branch II - Reregistration Support
Health Effects Division (H7509C) *AR*

TO: L. Schnaubelt/D. Mackey
Reregistration Branch
Special Review and Reregistration Division (H7508W)

On behalf of Industria Prodotti Chimici, S.p.A, Pazianos Associates is requesting information on the status of reregistration requirements for dimethoate. Specifically they believe that the requirements for crop field trials are complete [GRN 171-4(k)] and that ¹⁴C analyses for residue analytical methods - animal commodities and storage stability [GRNs 171-4(d) and 171-4(e), respectively] are not required.

According to the Dimethoate FRSTR, dated 9/18/87, and the List A inventory, dated 6/1/89, the following crop field trials are still required:

Foliage of Legume Vegetables
Pea Vines and Straw
Cereal Grains
Sorghum
Forage, Fodder, and Straw of Cereal Grains
Sorghum
Corn



Printed on Recycled Paper

Miscellaneous Commodities
Tobacco
Grass Grown for Seed

Studies with radiolabeled material are not typically required for storage stability studies so the registrant may conduct the studies with cold material. The registrant is still required to validate the analytical method using tissues, eggs, and milk from the animal metabolism studies. The purpose of the radiovalidation is to determine whether the residues of concern found in the metabolism studies can be completely recovered by enforcement and data collection analytical methods.

RECOMMENDATION

The registrant should be advised that crop field trials are required for several commodities. Storage stability studies are required using cold material and a method validation of the animal commodity analytical method using radiolabeled dimethoate is necessary.

cc: CLOlinger (CBRS), Circulate, Reg Std File, RF, SF, C. Furlow (PIB/FOD)
H7509C:CBRS:CLOlinger:clo:CM#2:Rm 803C:305-5406: 2/18/92
RDI: ARRathman: 2/19/92 EZager: 2/21/92