



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MAR 2 1993

MEMORANDUM

Subject: 2,4-D, 2,4-DB, and 2,4-DP and Their Salts and Esters:
Survey of Dibenzo-p-Dioxin and Dibenzofuran
Determinations. DP Barcode D188268. CBRN No. 11419.

From: Stephen Funk, Ph.D., Chemist *S. R. Funk*
Special Review Section I
Chemistry Branch II - Reregistration Support
Health Effects Division (H7509C)

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

To: Jill Bloom
Special Review Branch
Special Review and Reregistration Division (H7508)

In June 1987 a data call-in was issued for information on the polyhalogenated dibenzo-p-dioxin and dibenzofuran contents of certain pesticides. The call-in consisted of two parts. One part requested detailed manufacturing information for those pesticides whose structure or mode of synthesis indicated a potential for dioxin/dibenzofuran contamination. The other part required the actual analysis of certain technical pesticides for 15 chlorinated dibenzo-p-dioxins and dibenzofurans. The latter group of pesticides are manufactured by processes documented to produce dioxin/dibenzofuran contaminants. Included in the list of pesticides that required analysis were 2,4-D, 2,4-DB, 2,4-DP, and the esters and salts of these herbicides.



Recycled/Recyclable
Printed with Soy-based Ink on paper that