

US EPA ARCHIVE DOCUMENT



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

Reading

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MAY 29 1986

MEMORANDUM

SUBJECT: EPA Registration Nos. 50534-8, -23, -188
Chlorothalonil - Actual Dietary Exposure
Studies on Cabbage and Celery
Accession No. 262158.
RCB Nos. 800, 801, 802.

FROM: Lynn M. Bradley, Chemist
Residue Chemistry Branch
Hazard Evaluation Division (TS-769C) *Lynn M Bradley*

TO: John Noles, PM Team 21
Fungicide-Herbicide Branch
Registration Division (TS-767C)

THRU: Andrew R. Rathman, Section Head
Residue Chemistry Branch
Hazard Evaluation Division (TS-769C) *ARR*

SDS Biotech has submitted two studies conducted to determine "actual consumer dietary exposure" (residues present at purchase) to cabbage and celery which were field-treated with chlorothalonil. A description of the analytical method used and validation data are included, as are field records and statistical analysis of the data.

A Registration Standard for Chlorothalonil was issued September 30, 1984. A number of data gaps were identified, and Residue Chemistry Branch (RCB) has reviewed several submissions of product and residue chemistry (see Registration Standard file). RCB was earlier requested to estimate residues at the point of consumption for several commodities (see memorandum of E. Zager, October 24, 1983), and in its letter of February 5, 1985 to PM 21, SDS stated its intent to conduct field-to-grocery studies on celery and tomatoes (but not on cabbage), and a processing study on cucumbers. Presumably, these studies were planned to allow calculation of "realistic" dietary exposures.

Since a chlorothalonil dietary exposure assessment has not been requested, we are not evaluating these two studies at this time. We will retain the hard copy in our Chlorothalonil Subject File, and if a dietary exposure assessment should be requested in the future, these two studies will be evaluated and incorporated into that assessment as appropriate.

cc: Chlorothalonil S.F., Chlorothalonil Reg. Std. File, LMB,
circ, rf., PM 21, PMSD/ISB
TS769:LM Bradley:5/16/86:7378
RDI:A.R.Rathman:5/22/86:R.D.Schmitt:5/22/86
87914:Bradley:C.Disk:KENCO:5/28/86:eg:VO