



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

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Shaughnessey No: 110201
DP Barcodes: D196316, D223873

MEMORANDUM: Upgrading of 163-1 study for Prodiamine and Status
of Data Requirements.

TO: Joanne Miller, PM 23
Registration Division (7505C)

FROM: James Breithaupt, Agronomist *James Breithaupt*
Environmental Risk Characterization Branch
OPP/EFED/ERCB (7507C)

THRU: Elizabeth Leovey, Chief *E. Leovey*
Environmental Risk Characterization Branch
OPP/EFED/ERCB (7507C)

This memorandum addresses the aged portion of the 163-1 data requirement for prodiamine and the status of the other data requirements. The aged portion of the 163-1 data requirement was not considered to be satisfied on 6/28/93 since the material balance in the soil column leaching study (MRID 42483201) was not clearly demonstrated. In their response, the registrant demonstrated that the material balance was >90%. Therefore, the aged portion of the 163-1 data requirement is now satisfied.

All environmental fate data requirements for the turf and ornamental uses are satisfied. These include hydrolysis (161-1), aqueous photolysis (161-2), aerobic soil metabolism (162-1), unaged and aged leaching-adsorption-desorption (163-1), turf terrestrial field dissipation (164-1), and fish bioaccumulation (165-4). If any other outdoor uses are added, EFED may impose other appropriate data requirements.

2054805

SANDOZ AGRO, INC.
1300 EAST TOUHY AVENUE, DES PLAINES, ILLINOIS 60018



429784- $\phi\phi$

CORPORATE HEADQUARTERS

TEL. 708.699.1616

October 21, 1993

Ms. Joanne Miller (PM-23)
Registration Division, OPP - H7505C
U.S. Environmental Protection Agency
401 M Street SW
Washington D.C. 20460-0001

Ref. Prodiamine Herbicide (SAN 745H)
BARRICADE® TECHNICAL 55947-41

Re: ▶ Soil Column Leaching of ¹⁴C-Prodiamine
and its Soil Degradates
SAI Report #480425-7
MRID #424832-01

▶ Volume 1 of 1
Supplemental Information (SAI Report #480425-7A)
Response to EFGWB review dated June 28, 1993
(Copy Attached) 429784 ϕ 1

Dear Ms. Miller:

In response to your October 15, 1993 fax, I am resubmitting the above response (3 copies) in the form of supplemental information formatted per PR Notice 86-5. I appreciate your guidance in this matter. If you have any questions or need any further information, please contact me at 708/390-3823.

Sincerely,
SANDOZ AGRO, INC.

Nancy Huebl
Registration Specialist

/nh

enclosure

2

Page _____ is not included in this copy.

Pages 3 through 9 are not included in this copy.

The material not included contains the following type of information:

- Identity of product inert ingredients.
 - Identity of product impurities.
 - Description of the product manufacturing process.
 - Description of quality control procedures.
 - Identity of the source of product ingredients.
 - Sales or other commercial/financial information.
 - A draft product label.
 - The product confidential statement of formula.
 - Information about a pending registration action.
 - FIFRA registration data.
 - The document is a duplicate of page(s) _____.
 - The document is not responsive to the request.
 - Proprietary information pertaining to the chemical composition of an inert ingredient provided by the source of the ingredient.
-

The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.
