



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

FEB 27 1984

DATE:

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Request For Aliette Label Addition To Include
Non-Bearing Citrus (Except in California), EPA
Registration Number 359-706. Caswell No. 12B.

TO: Henry Jacoby, PM #21
Registration Division (TS-767)

FROM: Carolyn Gregorio, Toxicologist
Toxicology Branch/HED (TS-769)

CG 2-22-84

THRU: William Butler, Section Head
Toxicology Branch/HED (TS-769)

*William M. Butler
2-22-84
Wm WBS 2/27/84*

Petitioner: Rhone-Poulenc

Background: Fosetyl-Al (Aliette) is an oncogen in rats
(Chronic Toxicity [2-Year] and Carcinogenicity Study in
Rats, IRDC No. 347-016, dated March 27, 1981). Microscopic
pathology of urinary bladder in males at the highest dose
tested (40,000/30,000 ppm) revealed transitional cell
carcinoma (no metastasis observed) and transitional cell
papilloma. In addition, an increased incidence of pheo-
chromocytoma was observed in male rats at the mid-dose
(8,000 ppm) and high-dose (40,000/30,000 ppm).

Recommendation:

In a previous memo (Gregorio to Jacoby, dated August 16,
1983), "the Registrant has been requested to furnish
(1.) an applicator exposure study or applicator exposure
estimate and (2.) a dermal penetration study or dermal
penetration estimates for each requested use. Therefore,
additional applicator exposure data are required prior
to granting the inclusion of the "non-bearing" citrus
use on the current Aliette label.

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