

US EPA ARCHIVE DOCUMENT

EFFICACY STUDY REVIEW

by Kevin J. Sweeney, Entomologist - IB

To: Ann Sibold

Date: October 26, 1998

EPA Reg. or File No.:264-EUP-RER

Product Name: Termidor 80 WG Insecticide

Registrant: Rhone Poulenc

PM: Marion Johnson

Action: 740

Submission No(s). S549849, D250236

Chemical: Fipronil , insecticide (I) - termiticide in water soluble package.

Studies Submitted:

EUP

Comments:

Product Performance Data exists at USDA as follows:

Concrete Slab - 4 years of data for .0625%, 0.125%, 0.25%, 0.50% and 1.00% a.i in finished solution

- 2 years of data for 0.03125% a.i. in finished solution

Ground Board - 4 years of data for 0.25%, 0.50%, 1.00% a.i. in finished solution

- 2 years of data for 0.0625%, 0.125% a.i. in finished solution

EUP request is for use of this product against *Reticulitermes* spp., *Coptotermes formosanus*, and *Heterotermes* sp. at the application rates of 0.06% and 0.125%. Only 0.125% will be used for the Formosan termite. 67 field sites in 18 states are to be used for the evaluation of this product as a post construction treatment. There is a demonstration part of the EUP designed to evaluate possibilities for label expansion and this may include pre-construction treatments among others. The request is for two years October 1998- October 2000.

Question for Rhone-Poulenc: how can this product be used for pre-treatment without the full complement of data from USDA? The Agency is not approving this EUP to support HUD requirements for loan applications for FHA and VA loans. The proposed rates have too little efficacy data to support this.

The EUP is acceptable.