

US EPA ARCHIVE DOCUMENT

EFFICACY REVIEW

DATE: IN 10/14/97 OUT 10/24/97

REVIEWER: **KEVIN J. SWEENEY, ENTOMOLOGIST**
FILE OR REG. NO.:

PETITION OR EXP. PERMIT NO.: **241-EUP-RUR**

DATE DIV. RECEIVED: **9/22/97**

DATE OF SUBMISSION: **9/16/97**

DATE SUBMISSION ACCEPTED

TYPE PRODUCT(S): **I, D, H, F, N, R, S**

DATA ACCESSION NO(S). **S531635, DP239887**

PRODUCT MGR. NO.: **10**

PRODUCT NAME(S): **Chlorfenapyr Termiticide-Insecticide**

COMPANY NAME: American Cyanamid Company

SUBMISSION PURPOSE: **EUP (Section 5) Action 700**
EUP for Termiticide Trials

CHEMICAL & FORMULATION: **Chlorfenapyr 21.44%**

CONCLUSIONS & RECOMMENDATIONS:

This submission was one of a number connected to this EUP. I reviewed S527730 that included the efficacy studies supporting the registration of this product and the current EUP.

Study Title: Study not submitted with this package. They attached a summary of Section E data and an outline of the EUP under Section G.

They designed this EUP Program to evaluate the efficacy of chlorfenapyr against termites and a variety of wood destroying pests. They will conduct the program in many states in the Southeastern U.S.. The experimental design is good and the collected data will be sufficient to evaluate the efficacy of this chemical. It is accepted provided the registrant makes the following label changes:

1. Page 1: OK
2. Page 2: OK
3. Page 3: State the species names on the label. The species list included with this EUP must be on the label.
4. Page 4: OK
5. Page 5: OK
6. Page 6: OK
7. Page 7:
8. Pages 7 & 8: Delete plenums from the label.
9. Page 8
10. Page 9: Change the heading entitled "Corrective Treatment" to: "Retreatments."

Page 9: Delete the tree use from the label. It is not practical for subterranean termites. Control is difficult with any insecticide in this situation.

11. Many "General Precautions for Termiticide Applications" need to be incorporated into the appropriate subsections under the directions for use. Move page 10 to follow page 3. This insures applicator review of this material and emphasizes the need to follow these precautions.

Page 10: In the second paragraph of General Precautions for Termiticide Applications PR Notice 96-7 requires the following statement: "Plugs must be made of a non-cellulose material or covered by an impervious, non-cellulose material." Many applicators do not know what cellulose is. Please add the following: "Plug the

hole immediately after injection with a rubber or cork stopper."
"When treatment of the structure is completed, seal every hole in
the slab with fresh Portland cement to gain an impervious,
permanent seal."

Page 10: The General Precautions for Termiticide Applications
section discusses plenums as required by PR Notice 96-7. Please
delete this from the label because they will not be on the label.