

US EPA ARCHIVE DOCUMENT

Shaughnessy No.:059101

Date Out of EAB: MAY - 1 1987

To: Dennis Edwards
Product Manager 12
Registration Division (TS-767)

From: Emil Regelman, Supervisory Chemist
Review Section #3
Exposure Assessment Branch
Hazard Evaluation Division (TS-769C)



Attached, please find the EAB review of...

Reg./File # :26693-2
Chemical Name:Chlorpyrifos
Type Product :Insecticide
Product Name :Killmaster II
Company Name :Positive Formulators Inc.
Purpose :New use for control of sewer cockroach in manholes

Action Code: 300 EAB #(s) : 70120
Date Received: 12/10/86 TAIS Code: ~~28~~ 304
Date Completed: 4/30/87 Total Reviewing Time: 2.5 days

Deferrals to: _____ Ecological Effects Branch
_____ Residue Chemistry Branch
_____ Toxicology Branch

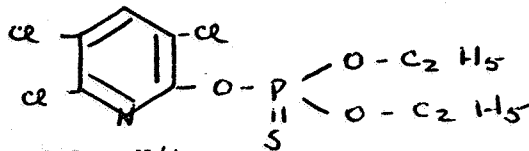
1. CHEMICAL: Common Name: Chlorpyrifos

Chemical Name: O,O-diethyl-O-3,5,6-trichloro-2-pyridyl phosphorothioate

Trade Name: Killmaster, Dursban, Lorsban

Submitter: Positive Formulators Inc.

Structure:



2. TEST MATERIAL: N/A

3. STUDY /ACTION TYPE: Proposed new use of Chlorpyrifos on "sewer roach" residing in manholes.

4. STUDY IDENTIFICATION: N/A

5. REVIEWED BY:

Paul Mastradone
Chemist
EAB/HED/OPP

Signature:

Date: MAY 1 1987

6. APPROVED BY:

Emil Regelman,
Supervisory Chemist
ECRS#3
EAB/HED/OPP

Signature:

Date: MAY - 1 1987

7. CONCLUSIONS:

- A. Sufficient environmental fate data are available to determine that EAB can concur with this additional use for this formulation.
- B. Data indicate that the use of chlorpyrifos in natural water systems potentially endangers non-target aquatic organisms. Since this is the case, some label statement defining the limitation to use prior to predicted heavy rainfall may be needed. EAB file data and the label presented appear to indicate that availability of chlorpyrifos is elevated until this formulation is thoroughly dry (approx. 36 hours after application).

- C. A similar label warning against direct application or discharge into water within the sewer system should be included on the label.

8. RECOMMENDATIONS:

- A. EAB can concur with this additional use for this formulation.
- B. EAB suggests that a label statement warning against use of this compound 36 hours prior to predicted heavy rainfalls.
- C. EAB further suggests that additional labelling be included warning against direct discharge of the mixed spray compound and/or against cleaning or emptying unused pesticide into the sewer system waters.

9. BACKGROUND:

- A. Killmaster 2 is a 2% formulation of the chlorpyrifos active and is registered for use in controlling cockroaches, ants, silverfish, firebrats, crickets and spiders in and around buildings. This is an additional registration for this label. This is considered to be a slow release formulation. Previous label requirements suggest a 36 hour delay before human contact.

B. Presently approved label is appended.

10. DISCUSSION OF INDIVIDUAL TESTS AND STUDIES: N/A

11. COMPLETION OF ONE-LINER: N/A

12. CBI APPENDIX:

No data appended.