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

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0300

SEP 26 1985

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: 2724-GUN. Registration application for 1% propetamphos (Zoecon RF-256 Aerosol) to be used in food handling establishments. Accession No. 258735. RCB No. 1275.

FROM: Linda S. Propst, Chemist
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

Linda S. Propst

THRU: Andrew R. Rathman, Section Head
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

ARR

TO: William H. Miller, PM #16
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Zoecon Industries, a division of Zoecon Corporation, is requesting registration of a 1% propetamphos crack and crevice aerosol for the control of cockroaches and other pests in food handling establishments.

A tolerance of 0.1 ppm has been established for residues of the insecticide propetamphos ([[(e)-]methylethyl 3-[[[(ethylamino) methoxyphosphinothiyl]-2-butenate]]) in food commodities exposed to the insecticide during treatment of food-handling establishments. Direct application shall be limited solely to spot and/or crack and crevice treatment in food-handling establishments where food and food products are held, processed, prepared, or served. Spray and dust concentrations shall be limited to a maximum of 1 percent active ingredient. For crack and crevice treatment, equipment capable of delivering a dust or a pinstream of spray directly into cracks and crevices shall be used. For spot treatment, a coarse, low-pressure spray shall be used to avoid contamination of food or food-contact surfaces (21 CFR 193.375).

The Confidential Statement of Formula is given in the Confidential Appendix (Attached). We note that the concentration of propetamphos exceeds the maximum 1% as specified in 21 CFR 193.375. All inerts have been cleared in 21 CFR 184.1240 or 40 CFR 180.1001.

CONCLUSIONS AND RECOMMENDATIONS

The concentration of propetamphos exceeds the maximum 1% specified in 21 CFR 193.375.

For this reason we recommend against registering Zoecon RF-256 Aerosol for use in food handling establishments.

Attachment: Confidential Appendix (Attach copy to PM #16, Reviewer, Food Handling Estab. File, PMSD/ISB, Reading File, Subject File)

cc: PM#16, Reviewer, Food Handling Estab. File, PMSD/ISB, Reading File, Circulation, Subject File, Food Handling Estab., PMSD/ISB

RDI: A.R.Rathman, 9/25/85; L.S.Propst, 9/25/85

TS-769:LSP:lsp:CM-2:Rm810:557-7324:9/25/85

Propetamphos residue chemistry review

Page 3 is not included in this copy.

Pages _____ through _____ 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 product 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
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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.
