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

JAN 10 1989

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: 2724-GUN. Revised label for registering Zoecon RF-256 Aerosol (Propetamphos) for use in food handling establishments. No MRID No. DEB No. 4679.

FROM: Linda S. Propst, Chemist
Dietary Exposure Branch
Health Effects Division (TS-769C)

Linda S. Propst

THRU: Andrew R. Rathman, Section Head
Special Registration Section 1
Dietary Exposure Branch
Health Effects Division (TS-769C)

ARR

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

Zoecon Corporation has submitted a revised label for Zoecon RF-256 Aerosol. The registrant had previously requested to register Zoecon RF-256 Aerosol (propetamphos) as a crack and crevice treatment for the control of cockroaches and other pests in food handling establishments. This request was denied (See L. Propst memos dated 9/26/85 and 5/5/86) because the concentration of propetamphos exceeded the maximum 1% specified in 21 CFR 193.375.

A tolerance of 0.1 ppm has been established for residues of the insecticide propetamphos ([(e)-]-methylethyl 3-[[(ethylamino) methoxyphosphinothioyl]-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 revised label for this aerosol propetamphos formulation now limits the maximum concentration of active ingredient to 1%. The revised label also limits application within food areas of food handling establishments to crack and crevice treatment only with application being made with a crack and crevice extension tube or equipment capable of delivering the spray directly into cracks and crevices.

Conclusions and Recommendations

All concerns Dietary Exposure Branch had with registering Zoecon RF-256 Aerosol for use in food handling establishments have been alleviated with the revised label.

We can now recommend favorably for registering Zoecon RF-256 Aerosol for use in food handling establishments.

cc: Reading File, Circulation, Food Handling Establishment File,
Subject File, Reviewer, PMSD/ISB
RDI: A. R. Rathman, 1/10/89; R. D. Schmitt, 1/10/89
TS-769:DEB:LSP:lsp:CM-2:Rm803-C:557-7324:1/10/89