

PO-974
TR-390

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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DATE: January 5, 1978

003940

SUBJECT: Z.P. Tracking Powder EPA Registration#12455-RA
Caswell# 922 (Zinc Phosphide)

FROM: William Dykstra, Ph.D
Toxicology Branch

WMD 1/5/78
E for GEN 1/8/78

TO: William Miller (11)

Action Type: New Registration

Product Manager: William Miller

Recommendations:

1. An acute oral toxicity study using the formulated product must be submitted for evaluation in order to assess the human hazard associated with this route of exposure during use of the product.
2. An additional protective statement under "directions for use" should be included which states "Do not apply Z.P. tracking powder in kitchen, bedroom or living areas where human exposure may occur." "Wear gloves when handling or using product".

Review

1. Acute Inhalation Study (WARF Institute Inc, Report#7081213, 9/21/77; submitted by Bell Labs, Inc., 9/22/77).

Test Material: Z. P. Tracking Powder

Male Adult Albino rats (10 control + 10 test animals) were exposed for 1 hour to 19.6 mg/L of test material. All animals survived the 60 minute exposure.

Results: No deaths, $LC_{50} > 19.6$ mg/L

Necropsy: No remarkable alterations

Classification: Core-Minimum DATA

TOX Category: IV Caution

1/37/1