

PL X
MEMORANDUM

DATE: December 15, 1986

SUBJECT: EPA REG NO: 56493-TT, Terminator Insecticide Ear Tag

FROM: Donna Williams
IRB/TSS

TO: George LaRocca
Product Manager-15
Registrant: Fermenta Animal Health, Co.
7528 Auburn Rd
PO BOX 8001
Painesville, OH 44077

Active Ingredient:
Diazinon 20.0 %

Inert Ingredient: 80.0 %

BACKGROUND INFORMATION:

Registrant submits dermal sensitization study and references acute studies from Spectracide 25E (EPA REG NO. 100-524) to support registration of subject new product. The proposed product, an impregnated ear tag containing 20% diazinon, is clipped onto the ears of cattle to control label specified insects.

COMMENTS AND RECOMMENDATIONS:

1. Referenced studies will support registration of subject product.
2. Dermal Sensitization study, EPA Acc # 256202 is acceptable and the product was classified as a Non-Sensitizer.
- > 3. Signal Word needs to be change to "CAUTION".
4. Practical treatment statements need to be removed from the Precautionary statement section and given a separate heading with the appropriate statements.

STUDY REVIEW:

The following dermal sensitization study was conducted on proposed product, by WIL Research Laboratories, INC., Ashland, OH 44805-9281.

DERMAL SENSITIZATION-BUEHLER TEST EPA ACCESSION # 256202
Study no. WIL: A7001, dated 8/26/86.

6M & 6F Hartley guinea pigs received three 6-hr occluded dermal applications of test article (product ear tag split in half) applied to shaved intact skin. DNCB served as a postive control. Animals were challenged 2 wks post-induction at a virgin site. Animals were scored 24 & 48-hrs following each induction and following challenge.

Toxic Signs: No dermal irritation was elicited. One animal died during study. Death not considered to be study related.

PRODUCT CLASSIFICATION: NON-SENSITIZER
STUDY CLASSIFICATION: CORE GUIDELINE