

BB-572

APR 6, 1981

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

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MEMORANDUM

DATE: April 6, 1981
SUBJECT: EPA Registration Number: 7969-53
Ronilan Fungicide: Caswell#

FROM: Deloris F. Graham D3D 4/9/81
FHB/TSS E 7/17/81

TO: Henry Jacoby
Product Manager (21)

Applicant: BASF Wyandotte Corporation
100 Cherry Hill Road
P.O. Box 181
Parsippany, N.J. 07054

Active Ingredient:
Vinclozolin..... 50%
Inert Ingredient..... 50%

Background: Submitted an Acute Inhalation Study. Study conducted by BASF.
Data not requested. Data under Accession Number 244529.

Recommendation:

(1) FHB/TSS finds the Acute Inhalation Study acceptable to support a conditional registration of the product tested.

Review:

(1) Acute Inhalation Study: BASF; March to April, 1978.

Procedure: 10M and 10F Sprague Dawley rats weighing between 161 and 176 g were exposed to one of the following concentrations: 30 mg/l nominal (1.2 mg/l actual), 30.0 nominal (11.0 actual) and 60.0 mg/l nominal (29.1 mg/l actual) of the test material for 4 hours.

The chamber was maintained at 10-30 mm H₂O above atmospheric pressure. Room temperature was 22^o±0.5^oC and relative humidity between 30-50%. The particle size was less than or equal to 9 um in 95.2%.

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-2-

Observations were made daily for 14 days. Necropsies were performed on all animals.

Results: No mortalities. No signs of toxicity at either of the three concentrations. No specific pathological findings. LD50 was determined to be greater than 29.1 mg/l actual concentration.

Study Classification: Core Guideline Data

Toxicity Category: IV CAUTION