

US EPA ARCHIVE DOCUMENT

BB-572

APR 6, 1981

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

# 323 C

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 H<sub>2</sub>O above atmospheric pressure. Room temperature was 22<sup>o</sup>+0.5<sup>o</sup>C and relative humidity between 30-50%. The particle size was less than or equal to 9 um in 95.2%.

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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. ID50 was determined to be greater than 29.1 mg/l actual concentration.

Study Classification: Core Guideline Data

Toxicity Category: IV CAUTION