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

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OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: Iprodione- Acute oral study in rats

TO: Kathryn Davis/Barbara Briscoe PM 72
Special Review and Reregistration Division (H7508W)

FROM: K. Clark Swentzel K. Clark Swentzel 9/1/92
Toxicology Branch II
HED (H7509C)

THROUGH: Marcia van Gemert, Ph.D.
Branch Chief M van Gemert 9/2/92
Toxicology Branch II
HED (H7509C)

ID NO.	109801-000264
CASE:	816345
BARCODE:	D178555
MRID NO.	423063-01
SUBMISSION:	S418259
PC No.	109801
CASWELL NO.	549C
REGISTRANT:	Rhone-Poulenc

Requested action

Review subject study

Conclusions

Acute oral LD_{50}

Single oral doses of iprodione technical, in 0.5% w/v methylcellulose/distilled water, were administered by intragastric intubation to groups of 5 rats/sex at dosages of 900, 1342, 2000, 2981 and 4444 mg/kg body weight.

Clinical signs observed in both sexes in treatment groups receiving 2000 mg/kg and above included lethargy, decreased motor

activity,prone posture, ataxia, unconsciousness, respiratory irregularity (hyperpnea and bradypnea), piloerection, ungroomed appearance, pigmented orbital secretion, hunched posture, thin body conformation, diarrhea and reduced body temperature. Signs observed in rats dosed at 900 or 1342 mg/kg were lethargy, decreased motor activity, ataxia and prone posture (2 females 5 hours after receiving 1342 mg/kg).

LD_{50}:

Male rats:	could not be determined
Female rats:	3629 (1666 - 5592) mg/kg
Combined sexes:	4468 (2282 - 6653) mg/kg

Toxicity category: III

Core classification: minimum. This study satisfies the guideline requirements for an acute oral toxicity study in rodents (81-1).