

US EPA ARCHIVE DOCUMENT

14 MAR 1985

MEMORANDUM

SUBJECT: Quantitative Risk Assessment - Folpet

TO: Paul Lapsley, Chief
Special Review Branch (TS-767C)

This memo is intended as a brief update on the folpet risk assessment. HED has recently completed its quantitative risk assessment on folpet. The chemistry, metabolism and pathology of folpet is essentially identical to captan. Folpet and captan, structurally related fungicides, metabolize to thiophosgene in the duodenum. Folpet causes rare duodenal adenomas and adenocarcinomas in rodents.

The assessment classifies folpet as [B₂] chemical, a probable human carcinogen, with a Q₁* of 3.5x10⁻³. The assessment also indicates a dietary risk ranging from 10⁻⁴ to 10⁻³, based on crops containing residues at the tolerance level. Crops providing the largest contribution to the diet include: celery, onions, apples, grapes (& raisins), tomatoes, citrus, cucumbers (& pickles) and melons. A 10 ppm tolerance on Kiwi is pending (PP #4E3079).

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cc.: L. Rossi
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