



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

53219-9

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

APR 16 1996

MEMORANDUM

SUBJECT: Registration of M-Peril® Bioinsecticide Containing
5% Delta Endotoxin of *Bacillus thuringiensis* var.
kurstaki Encapsulated in the Killed *Pseudomonas*
fluorescens As Active Ingredient. Chemical No.
64097 06402; EPA File Symbol No. 53219-0. Review of
Product Chemistry Data: No MRID No. Submission No.
S500521; DP Barcode D224865

FROM: Freshteh Toghrol, Ph.D., Chemist *F. Toghrol*
Biopesticide & Pollution Prevention Division

THRU: James Thomas McClintock, Ph.D., BPPD Team Leader
Biopesticide & Pollution Prevention Division

TO: Willie Nelson, Registration Action Leader
Biopesticide & Pollution Prevention Division

JTM
4/16/96

Action Requested

Mycogen Corporation requests registration of the end-use product M-Peril® Bioinsecticide (EPA File Symbol No. 53219-0). This end-use product contains 5% Delta endotoxin of *Bacillus thuringiensis* var. *Kurstaki* encapsulated in killed *Pseudomonas fluorescens* as its active ingredient. To support this registration, the registrant has submitted a Confidential Statement of Formula (CSF).

BPPD's Conclusions and Recommendation:

The submitted Confidential Statement of Formula (CSF) dated 3/30/92 for registration of the end use product M-Peril® Bioinsecticide (EPA File Symbol No. 53219-0) is acceptable. The end use-product contains 5% Delta endotoxin of *Bacillus*

thuringiensis var. *kurstaki* encapsulated in killed *Pseudomonas fluorescens* as its active ingredient. All inert ingredients (95%) used in this end-use product are cleared by the Agency for food-use.

cc: J. T. McClintock, F. Toghrol, W. Nelson.
F. Toghrol: F.T. CS1, (703)-308-7014: 4/11/96.