



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

OCT 16 1987

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Dimethoate: O,O dimethyl S[N-(methylcarbamoyl) methyl]
phosphorodithioate. EPA ID No. 241-75

TO: William H. Miller, PM #16 Cas. No. 358
Insecticide/Rodenticide Branch Proj. No. 7-0996
Registration Division (TS-767C)

FROM: Joycelyn E. Stewart, Ph.D.
Section VII
Toxicology Branch/HED (TS-769C)

ABK for JES.
10/15/87

THROUGH: Albin B. Kocialski, Ph.D.
Supervisory Pharmacologist
Toxicology Branch/HED (TS-769C)

ABK 10/15/87

def. WBS
10/16/87

Registrant: American Cyanamid Company
Agricultural Research Division
Princeton, N.J. 08540

Action Requested:

Address company response to Toxicology Branch review
of 78 week dietary study of Dimethoate in the mouse.

Response:

American Cyanamid has submitted a response rebutting
Toxicology Branch's review of the mouse oncogenicity study
of Dimethoate (Accession Number 265362-265364) which concluded
that dimethoate was oncogenic in male and female B6C3F1 mice.

This rebuttal, along with all other relevant information
will be presented to the Toxicology Branch Peer Review Comm-
ittee for consideration in determining the oncogenic potential
of the compound.

8