



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

SEP 25 1987

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Chlordimeform 6(a)(2) data notifications. Chinese
Studies. Accession No. 400027-01.
Caswell File #174A.

FROM: Stanley B. Gross, Ph.D., Toxicologist
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Stanley B. Gross
8/17/87

TO: Dennis Edwards (PM-12)
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THRU: Albin B. Kocialski, Ph.D., Supervisory Pharmacologist
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ABK 9/21/87

and

W. C. S. 9/25/87

Theodore M. Farber, Ph.D., Chief
Toxicology Branch
Hazard Evaluation Division (TS-769C)

Note: These studies have been submitted by Ciba-Geigy previously
and were reviewed by Toxicology Branch for Special Review Branch.

Studies Submitted:

Richard Conn of Ciba-Geigy Corporation and Paula F. Paul of
Nor-Am Chemical Company, in their letter of November 14, 1986,
have submitted the following reports as 6(a)(2) data:

1) Dermal Oncogenicity Study in Mice: "Study of the Carcinogenicity of Chlordimeform-Report of Dermal Carcinogenicity Bioassay of Chlordimeform in Mice." J. Xue-zhi, X. Shou-zhen, Li feng, W. Yi-lan. School of Public Health, Shanghai Medical University. Occupational Health Bulletin. Selected Papers/Abstracts. Volume I, 1985. (Translation).

2) Life-Time Feeding Study in Mice: "Carcinogenicity Assay pf Chlordimeform Through Lifespan Feeding in Mice." L. Feng, Z. Shan Ching, H. Tsi Kwang. Department of Occupational Health, Shanghai First Medical College. and C. See Ah, W. Y. Fong (Department of Preventive Medicen, Shanghai Medical College, Shanghai.

Occupational Health Bulletin. Selected Papers/Abstracts. Volume I, 1985.

3) Occupational Exposures in Chlordimeform Plant Workers: "Investigation of Occupational Hazards of Chlordimeform Packing Plant." Ding Yue, et.al. (sic). Dept. of Occupational Health. Hua-Shan Hospital, Shanghai Medical University. Occupational Health Bulletin. Selected Papers/Abstracts. Volume I, 1985. (Translation).

4) Chinese Farm Worker Excretion Study: "Investigation on the Kinetics of Excretion of Chlordimeform in Sprayers (A Preliminary Report)." Wang Ming, Xue Shou-zhen, et al. Department of Occupational Health School of Public Health, Sanghai Medical University. Occupational Health Bulletin. Selected Papers/Abstracts. Volume I, 1985. (Translation).

Review of Studies.

The attached Toxicology Branch review by S. Gross (April 26, 1987) provides a background summary for the 6(a)(2) data requests and individual reviews of these submissions. Although there were some new findings (especially the kinetic study in workers), the information submitted does not alter the Agency's current position relative to chlordimeform uses.