

August 18, 1972

Mr. Y. A. Nishioka
McClellan Air Force Base
Environmental Health Laboratory
Sacramento, California 95652

Dear Mr. Nishioka:

Confirming our telephone discussion this morning, Aroclor 1242 was the commercial polychlorinated biphenyl mixture used by the paper industry in the manufacture of carbonless reproduction paper. Monsanto terminated sale of this material to this application in April, 1971. I understand that the last paper in which polychlorinated biphenyls were used was manufactured in June, 1971.

Proper disposal of paper containing polychlorinated biphenyls can only be achieved by incineration at temperatures which exceed 800°C. Therefore, burning in the normal solid waste incinerator would result only in the vaporization of the polychlorinated biphenyl with the subsequent pollution of the atmosphere and eventual presence in natural water systems.

Relating to your question of what toxic effects can be expected from the handling of paper containing polychlorinated biphenyls, we have no information that would lead us to believe that any problems exist. Polychlorinated biphenyls are considered to be only mildly toxic at fairly high levels of exposure and these conditions do not normally exist with respect to carbonless reproduction paper.

I have enclosed copies of articles relating to polychlorinated biphenyls which I hope you find interesting and informative. If I can be of further service please let me know.

Sincerely,

DSW 018872

W. B. Papageorge
Manager
Environmental Protection

WBP/ht
Enclosure

X, F, T, Y, E, G, M