

June 18, 1959

Mr. Frank A. Patty
Personnel Staff
General Motors Corporation
P. O. Box 188, North End Station
Detroit 2, Michigan

Dear Frank:

This will confirm our telephone conversation this morning relative to the toxicity of Pydraul F-9 and Pydraul AC.

In animal toxicity screening studies with Pydraul AC, the oral lethal dose in rats is approximately 40 grams per kilo--gram and in rabbits, 3.5 to 4.5 grams per kilogram. The greater sensitivity to rabbits is typical of this type of fluid.

We have tested rats for a 6-hour exposure to an atmosphere saturated with vapors of Pydraul AC. There was a slight reddening of the upper respiratory tract and a slight degree of lachrymation. This in itself would constitute a warning, should large amounts of the material contaminate the air stream and a mist rather than vapors occur. There were no other effects either systemic or local.

I feel certain that Pydraul AC and Pydraul F-9 are quite comparable in toxicity. Your safe experience with the Pydraul F-9 certainly will be applicable to Pydraul AC if the exposures and uses are the same.

Enclosed for your information is a bulletin on Pydraul AC.

Very truly yours,

R. Emmet Kelly, M.D.
Medical Director

REK:dh
Enclosure

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