Saint Louis 66, Missouri

June 23, 1959

Mr. F. J. Camargo-St. L.
Mr. P. H. Langenfeld-St. L.

Pydraul AC

Mr. O. F. Hessel
St. Louis

I wish I could be as optimistic as you are in stating that "any information you can give us from a medical standpoint will certainly be helpful in promoting the sale of Pydraul AC in Germany." If these Germans are afraid of mineral oil, I feel they will be rather suspicious of Pydraul AC. After all, the constituents are considerably more toxic than mineral oil. The odor or taste would be considerably more marked than mineral oil, should any of the material get into the food. I think we will have to be factual and tell them that Pydraul AC has an LD_{50} to rats of 40 gm./kg. and in rabbits, 3½ gm. to 4½ gm./kg. If, however, there is a possibility that vapors would enter the food or beverage, a filter should be incorporated in the line. Usually incorporated in these filters is a canister of activated charcoal which absorbs organic vapors and any objectionable odors.

I think the Germans are being overcautious in this matter, but I certainly can't give Pydraul an absolutely clean bill of health, assuming some might get into the food. Pevely Dairy's experience is certainly good and it might be wiser just to mention this plus the LD_{50}'s of the Pydraul AC.

R. Emmet Kelly, M.D.

/ph

MONS 098053