Jack T. Garrett-G.O.
R. E. Hatton-1700 S. 2nd.

St. Louis - General Offices

April 2, 1958

H. S. Litzsinger

General Offices

J. T. Garrett to R. E. Hatton of 2/26/58

TOXICITY OF OS-95

Stu:

As I mentioned recently, some preliminary toxicity studies have been run on OS-95 by Younger Laboratories. They found OS-95 to be "practically non-toxic" on oral ingestion, "slightly toxic" on skin absorption "only a mild eye irritant" and "only slightly irritating to rats exposed for six hours" on vapor inhalation. From this, Garrett states this is not a very serious toxic product to handle and, therefore, no special handling precautions are necessary.

When it comes down to actually marketing OS-95, I believe we should also have information on the level of toxicity of decomposition vapors. Jack Garrett indicates that this could be done by Kettering Laboratories for something of the order of $2000 or by Younger Laboratories for about $400. From the standpoint of the Sales Department, Younger Laboratories' report would suffice since metalworking companies, who purchase Pydraul, don't even know much about the big name Kettering Laboratories. Exceptions would be big corporations like General Motors, but this should not present a problem.

It is possible that such tests might be abbreviated if we divulge the formulation of OS-95. The classification of this product is a good subject for future discussion. I think that we will be better able to handle that question after a month's time.

Richard Davis

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