MONSANTO CHEMICAL COMPANY

LEDERMAN AND OLIVE STREET BLDG
ST. LOUIS 24, MISSOURI

August 18, 1958

Mr. E. E. Edmondson, Jr.
Safety Director
Texas Eastern Transmission Corporation
P. O. Box 1618
Shreveport, Louisiana

Dear Mr. Edmondson:

FLUID OS-81

Thank you for your letter of August 13, 1958.

As I understand your use of this fluid, it will be as an inside lubricant for a gas compressor and the only exposure to your men will be from leaks, breaks in the line, and during the repair of compressors. These leaks or breaks would allow the men to be exposed to this material at 120 to 180° (presumably F.). I am quite certain that from the occasional leaks that would be expected from a lubricant at this temperature, no hazard will be involved. Should a major rupture occur and a large amount of the fluid be liberated at this temperature, I am sure there could be eye and nose irritation. If the material would be inhaled for a considerable period of time--as, for example, 1 to 2 hours--some systemic complications might result. There certainly would be no hazard in the exposure attendant upon shutting off the leak in the line without any protection, but for prolonged clean-up operations a mask with an organic vapor cartridge should be worn.

From the standpoint of employes repairing compressors, I do not think you will have any more reaction than if they were exposed to a paint remover. I am sure there will be no systemic complications from such occasional skin contact and according to our plant data, as well as our animal experiments, the material would be classified as a very mild skin irritant.

Let me repeat that it is certainly my opinion that the use of this material in the application you describe will not afford any toxic hazard provided the above simple recommendations are carried out.

If there is anything else I can do for you, please let me know.

Very truly yours,

R. Ernest Kelly, M.D.
Medical Director

REK:SBE
cc Mr. O. M. Fletcher

TW2-2004803

Transwestern
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4/30/92 Rpy

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