MONSANTO

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FROM (LOCATION) St. Louis - General Offices

cc: G. R. Buchanan - CBUCH
M. McEwen
W. R. Richard - Quiney
D. F. Smith - DSMIT
L. R. Stark - LSTAR
E. P. Wheeler - EWHEE

DATE September 10, 1965

SUBJECT Fire Resistant Hydraulic Fluids for Coal Mines

REFERENCE RDavis memo to M.McEwen of 9/8/65

TO R. Davis

As I indicated the last time we discussed the subject of odor and toxicity of chlorinated hydrocarbons for coal mine applications, these characteristics have been considered and will be resolved in due time. The problems of getting a candidate fluid in a mine for a meaningful field test are many-fold, but we are making progress. There has to date been no serious alarm shown regarding toxicity of Pydraul 312 (first candidate) by anyone in the industry. Please, let's not jeopardize our chances of getting a field test underway by prematurely raising the question of toxicity to the industry. They can think of enough reasons on their own for not using fire-resistant fluids without any assist from Monsanto. As soon as field tests are underway, the Monsanto and "customer" medical departments will be asked to assist in evaluating toxicity in an actual mine situation. Such evaluations will be far more meaningful than simulative tests which could be conducted prior to field tests.

Curt

C. L. Early

/gt

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