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MELLON INSTITUTE OF INDUSTRIAL RESEARCH

UNIVERSITY OF PITTSBURGH

AUG 3 1944

PROGRESS REPORT for the month ended March 31, 1944

Carbide and Carbon Chemicals Corporation Industrial Fellowship 274-7

Subjects under
which report is
to be indexed)

CONTAINS NO CBI

Trichlorethane

We attempted to compare the industrial hazards of vapors of trichlorethane with those of tetrachlorethane, using rats, rabbits and guinea pigs inhaling known amounts daily for 30 days. We are now convinced that we cannot make this comparison by the use of small animals. Narcosis and lung injury become severe in our animals but they are not the sort of effect which humans would be expected to show. Liver degeneration and very high monocyte counts in the blood are the human effects and our evidence for their presence in our exposed animals was questionable. Consequently we are not in a position to compare the industrial hazards of these two solvents.

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Report 7-29

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Typed: April 7, 1944.

CERTIFICATE OF AUTHENTICITY

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