

February 12, 1952

Dr. K. W. Greenlee
Department of Chemistry
Ohio State University
Columbus, Ohio

Dear Doctor Greenlee:

I appreciated the opportunity to discuss the operating characteristics of your fractional distillation columns with you very much. When large volumes of material are to be distilled, the metal helix and extruded packings certainly have an advantage from the standpoint of throughput. Should you happen to find a need for a packing with lower hold-up per foot and smaller H.E.T.P., you might be interested in the wire-screen type described by John and Rehberg in Ind. Eng. Chem., 41, 1056 (1949). We have built three such columns, using 80x80 mesh stainless steel screen (.0055" wire), and have been able to confirm the authors' claim for efficiency.

We are interested in the possibility of obtaining samples of 1-phenyldecane and 1-cyclohexyldecane in connection with basic physiological studies for API Research Project MC-1. We should appreciate further information regarding the availability of these hydrocarbons in 100 gram lots of 98+ % purity.

With best regards,

Sincerely yours,

A. Wesley Horton

AWH:mjg
enc: