

U. S. NAVAL ORDNANCE LABORATORY
CORONA, CALIFORNIA

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24 April 1959

Industrial Hygiene Section
Ethyl Corporation
100 Park Avenue
New York 17, New York

EMPLOYER RELATIONS DEPT.	
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Dear Sir:

The program requirements in the Chemistry Division of the Naval Ordnance Laboratory have resulted in an appreciable amount of work in the organic derivatives of lead and mercury. In particular, we are concerned with the preparation and use of tetravinyllead, divinyllead dichloride, and divinylmercury. Knowing of your extensive background in the safety precautions required by the use of volatile organic derivatives of the heavy metals, I would greatly appreciate any information that you can give us. The problem areas follow:

1. Sampling techniques and analytical techniques of the air in various parts of the laboratory.
2. Toxicity and toxicology of closely related compounds (I believe it is safe to assume that these materials behave similarly to the ethyl derivatives).
3. Techniques and interpretation of urine analyses.

We are already following the precautions outlined in your bulletin "Laboratory Use of 'Ethyl' Antiknock Compound".

I would greatly appreciate your help in protecting our personnel from a potentially dangerous situation.

Very truly yours,

Charles P. Haber

CHARLES P. HABER
Head, Chemistry Division

N 6009