

ETHYL CORPORATION

MANUFACTURING AND TRAFFIC DEPARTMENT

J. H. SCHAEFER,
GENERAL MANAGER.

PLEASE ADDRESS REPLY
TO: CHRYSLER BUILDING
405 LEXINGTON AVE., NEW YORK CITY

AIR MAIL

Special Delivery

January 13, 1943

Dr. R. A. Kehoe
College of Medicine
University of Cincinnati
Eden & Bethesda Avenues
Cincinnati, Ohio

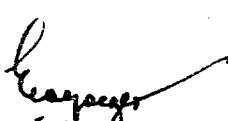
Dear Dr. Kehoe:

Attached hereto are copies of cablegrams from Mr. Bevan and our reply of January 12 to his cablegrams of January 11 and 12.

In accordance with Mr. Bevan's request, will you kindly cable him direct any information you might have regarding the queries raised in his cablegram of January 13.

Very truly yours,

J. H. Schaefer

Per: 

8:3
Att.

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CABLEGRAM

JANUARY 12, 1943

JOHN SCHAEFER
ETHYL CORPORATION

FURTHER TO MY CABLE OF YESTERDAYS DATE WOULD ALSO LIKE
YOUR SEPARATE VIEWS ON USE OF LEADED GASOLINE IN BLOWTORCHES.

RAY BEVAN

JANUARY 11, 1943

JOHN SCHAEFER
ETHYL CORPORATION

BY REASON OF RECENT DECISIONS NON LEADED GASOLINE WILL NOT IN
FUTURE BE AVAILABLE IN CERTAIN AREAS STOP THIS HAS RAISED
NUMEROUS QUERIES REGARDING USE OF LEADED GASOLINE FOR HEATING
LIGHTING AND COOKING PARTICULARLY IN THOSE COUNTRIES WHERE
GASOLINE IS RECOGNIZED FUEL FOR THESE PURPOSES STOP RESUME CLAY
FILTER REPORT DEALS WITH CERTAIN ASPECTS OF THIS QUESTION BUT
WOULD LIKE VIEWS OF BOTH YOURSELF AND KENOE ON WIDER BASIS STOP
FOR CIVILIAN use would it be feasible for oil companies CON-
CERNED TO FILTER CERTAIN QUANTITIES OF GASOLINE FOR SEPARATE
DISTRIBUTION STOP ANY SUCH FILTERING WOULD HAVE TO BE CARRIED
OUT AT LOCAL DEPOTS PROBABLY WITH NATIVE LABOUR STOP THE MATTER
IS URGENT AND WOULD APPRECIATE YOUR PRELIMINARY VIEWS AT EAR-
LIEST POSSIBLE OPPORTUNITY.

ASSOCIATED ETHYL

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CABLEGRAM

JANUARY 12, 1943

EXPORT LICENSE - B-859

RAY BEVAN
ASSOCIATED ETHYL
LONDON, ENGLAND

RE CABLEGRAMS JANUARY ELEVENTH AND TWELFTH, DELEADING GASOLINE, BELIEVE WHERE QUANTITIES ARE RELATIVELY SMALL, BEST PRACTICAL METHOD REMOVING TEL FROM GASOLINE IS USE OF ADSORBENT SUCH AS SILICA GEL AND FILTROL (AN ACID-ACTIVATED BENTONITE CLAY). USING FILTROL ROOM TEMPERATURE WITH TIMES OF CONTACT BETWEEN ADSORBENT AND GASOLINE TEN AND SIXTY MINUTES CAN REMOVE 1.2 and 4 ccs. TEL PER POUND ADSORBENT RESPECTIVELY, BEFORE TEL WILL APPEAR IN EFFLUENT. WHERE TEMPERATURE IS INCREASED TO 225 DEGREES F AT TEN AND SIXTY MINUTES CONTACT, CAN REMOVE 10 and 30 CCS. TEL PER POUND ADSORBENT RESPECTIVELY.. USING SILICA GEL AS ADSORBENT WITH TIMES OF CONTACT TEN AND SIXTY MINUTES ROOM TEMPERATURE NO TEL CAN BE REMOVED, BUT AT 225 DEGREES F 25 and 50 CCS. TEL REMOVED RESPECTIVELY PER POUND OF ADSORBENT. USE OF HIGHER GASOLINE TEMPERATURES DURING CONTACT WITH BOTH FILTROL AND SILICA GEL GIVES GREATER TEL REMOVAL. GASOLINE MAY BE HEATED BY MEANS STEAM JACKET AND SHOULD BE PASSED UPWARD THROUGH ADSORBENT BED. NOT POSSIBLE TO REGENERATE ADSORBENT BUT SAME MUST BE PROPERLY DISPOSED OF AFTER SATURATED WITH TEL. ABOVE FIGURES ON TEL REMOVAL ARE BASED ON TYPES OF ADSORBENTS AVAILABLE THIS COUNTRY. WHERE FAIRLY LARGE QUANTITIES UNLEADED GASOLINE ARE REQUIRED AND EQUIPMENT AVAILABLE, IT IS POSSIBLE TO FRACTIONALLY DISTILL OR CRACK AND FILTER LEADED GASOLINE TO OBTAIN UNLEADED PRODUCT. THIS PROCEDURE REQUIRES SPECIAL EQUIPMENT AND TRAINED PERSONNEL. IN VIEW OF ABOVE, BELIEVE SIMPLEST SOLUTION MIGHT BE TO CONTINUE SHIP UNLEADED GASOLINE. OUR USE LEADED GASOLINE IN BLOWTORCHES HAS PROVEN UNSATISFACTORY AS PLUGGING SOON OCCURRED. PERHAPS YOUR BLOWTORCH DESIGN DIFFERENT. SUGGEST YOU EXPERIMENT. DUST MASKS SHOULD BE WORN DURING TESTS.

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JANUARY 13, 1943

CABLEGRAM

JOHN SCHAEFER
ETHYL CORPORATION

MANY THANKS YOUR MOST INFORMATIVE CABLE TWELFTH STOP WOULD APPRECIATE YOUR ASKING KEHOC CABLE ME DIRECT REGARDING HEALTH ASPECT OF USE OF LEADED GASOLINE IN BLOWTORCHES WHICH IS QUESTION WE MUST SETTLE WITHIN NEXT FEW DAYS STOP ALSO REQUEST HIS GENERAL VIEWS ON LIGHTING HEATING COOKING BEARING IN MIND THAT WHATEVER WE SAY OR DO WITH LIMITED FACILITIES AVAILABLE IT IS CERTAIN LEADED GASOLINE IS AND WILL BE USED FOR THESE PURPOSES STOP WHAT INSTRUCTIONS IF ANY ARE BEING USED BY YOUR OWN AUTHORITIES NO INFORMATION ON WHICH IS AVAILABLE FROM YOUR PEOPLE HERE WHICH MEANS THAT UNTIL INSTRUCTIONS ISSUED TO THE CONTRARY LEADED PRODUCT WILL BE USED AS ALLPURPOSE FUEL STOP THIS MAY IN ANY EVEN UNDER CERTAIN CONDITIONS PROVE UNAVOIDABLE.

RAY BEVAN

KE 0007216

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