

ETHYL CORPORATION

INTER-OFFICE

153
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APPROVED
CUM

To	Mr. H. Kuhe	ADDRESS	New York
FROM	R. L. Johnson	ADDRESS	Baton Rouge
SUBJECT	<u>Borden Chemical Inquiry on Vinyl Acetylene Content in Vinyl Chloride</u>		DATE July 28, 1965

According to your request, and as I have reviewed with you by telephone, following are average monthly vinyl acetylene concentrations in all vinyl shipped from Baton Rouge plant.

<u>Date</u>	<u>ppm V.A.</u>	<u>Date</u>	<u>ppm V.A.</u>
7/64	0.7	1/65	1.3
8/64	0.9	2/65	0.9
9/64	1.1	3/65	1.0
10/64	0.9	4/65	1.0
11/64	1.3	5/65	1.1
12/64	1.4	6/65	1.2

As shown, the level has been quite consistent during those 12 months.

Vinyl acetylene is formed in the cracking furnaces. Its level in vinyl can be reduced by adding more chlorine to the furnaces and reducing furnace temperature. Making these changes reduced the VCl yield based on EDC, causes more tar formation and results in lower production rate. Messrs. Cliver and Major have estimated that at present rates it would cost in the order of \$10,000/month to reduce vinyl acetylene down to a maximum of 0.5 ppm, plus an additional loss in production.

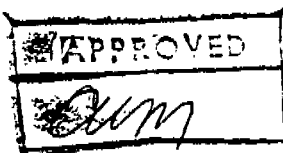
Please advise if more information is required.

RLJ

R. L. Johnson

RLJ/spb

cc: L. G. Cliver
F. C. Holmes
C. E. Major
C. W. Montgomery



attach 153/7
attach 153/7
ETHYL CORPORATION

INTER-OFFICE

To Mr. H. Kuhe ADDRESS New York

FROM R. L. Johnson ADDRESS Baton Rouge

SUBJECT Borden Chemical - Vinyl Chloride DATE August 9, 1965
Sample

Re your letter August 2, 1965

I have talked with Mr. Bruno Krueger of Borden at Geismar in working out the VCl sample schedule.

Through F. C. Holmes, we have it set up so Borden will pick up a sample of vinyl chloride at our plant every Tuesday. This will work out to be approximately a sample for every fifth car shipped to Borden.

R. L. Johnson

RLJ/spb

cc: W. Q. Hall
F. C. Holmes
H. L. Hanners
C. W. Montgomery
M. J. Voornies

ETHYL CORPORATION

INTER-OFFICE
CORRESPONDENCE

cc L. Clavier
H. J. Hammers
F. C. Holmes
W. O. Hall
C. E. Major
M. J. Voorhis

TO Mr. R. L. Johnson

ADDRESS Baton Rouge

FROM Harry Kuhe

ADDRESS New York

SUBJECT Borden Chemical - Vinyl Chloride

DATE August 2, 1965

D:82597

In connection with Borden's vinyl acetylene content problems, Mr. K. Skinner phoned to request a 700 gram minimum sample on every fifth car of vinyl chloride shipped to either Illiopolis or Leominster.

The bombs or cylinders are to be identified by car number and date shipped and are to be sent to Borden Chemical Company, Petrochemical Division, Geismar, Louisiana, Attention: Mr. Bruno Krueger.

Mr. Skinner indicated that the bombs would be returned within twenty-four hours and he would like to know when we will begin sending these samples to Geismar. Please advise.

E. Schreyer for
Harry Kuhe

8/6 - E. Schreyer Krueger
agreed on Tues. - He will
leave 2 bombs 8/10 - we will
on soon and phone him -
Hampshire this is pick up & del
day - Confirmed with
FCH - he approves will
handle. 278

es

~~about 1 hour~~

I phoned Krueger at Geismar. He says they will supply sample bombs and porter service to pick up sample & leave empty bomb at our plant.

He wants to know 1/ when we can start
2/ Ethyl contact man and where he should leave
and pick up bombs.

R. L. Johnson