Summary (31-35)

TB

4/11/51

TCB - TCP

TCB Ba 31 to 35 Incl (5 Ba)

TCP Ba #52 to 64 " (13 ba)

Summary

Fresh MCB charged — 1370 gal

Catalyst (" 40#

(No MCB in scavenger was not recycled in this series)

Total Chg 17,100

Yield: 7036# as is (at 81%)

ML to storage 850 gal

→ Total in Storage at HCB = 2500 gal

TCP

NaOH 3,150#

MeOH 385 gal

Yield 6714# AS IS Note:-

(If 450#/ba expected the corrected yield should be 5850#, but 2 batches had a yield of 132# 150# as is or corrected yield 5337#)

DS 00007918

Summary. 5/31/51

TcB

Series I : Ba 55, 57, 59, 61, 63, N = 5

Series II : Ba, 56, 58, 60, 62, 64, N = 5

Total = 10 Ba.

Total M.C.B. . gal = 3,520 gal. used.

Chlorine # = 44,830 # "

Catalyst # = 93 #

TcCB produced. asis -- = 20,276 # asis

TcCB " Real - 17 233 # Real

TcCB M.L. in Storage:- Ca. 2400 gal -

TcCB M.L. in Drums* = 89 drums ready for distillation by Tunland.

* Combined from Ba # 1 —

DS 00007919

TCB

No of Batches = 14 Ba (38 to 52)

Total MCB = 3000 gal Used

" Cl_2 46,000 # "

Catalyst 123 # "

TCB. Produced. 27,026.

ave per batch 1910 # per batch

Inventory: In process:

Ba # 53 - 70° (1260 gal polychlorbenzene

Scavenger 460 gal MCB.

TCB on Hand - Centrifuged 690 # ave in Autoclave

641

Wash liquors to be distilled: 22 drums.

MCB 2200 gal - received ✓

Polychlorbenzene 60 x 54 gal drums

" 4000 lb storage

H5-54

TCB – TCP Summary. 5/9/51

Chlorinations:- Batch 45, 47, 49, 51, 53 (5)

" Batch 46, 48, 50, 52, 54 (5)

" Total 10 Batches

Usage:-

MCB =	3000 gal MCB (27,700#)	@.09	= $ 2493.
Cl₂	40,878 #	@.028	= 1148
Catalyst	86 #	@.39	= 33
			$ 3634

Yield:-

TCB = 19,651 # as is

= 16,320 # Real

Polychlorbenzene = 2300 gal to Storage (Sp.Gr. = 1.58)

= 30,301 # to Storage

Est Cost Crude : TCB* = $ 0.184 / lb. as is

" " Real = 0.211 / lb.

* Does not include credit for polychlorbenzenes to storage.

DS 00007921