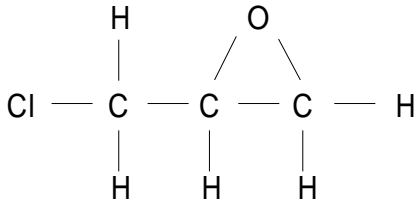


<ECH(Epichlorohydrin)>

ECH

ECH Epichlorohydrin
1-chloro-2, 3-epoxypropane

Chloropropylene oxide Chloro epoxy propane



92.53
C₃H₅OCl

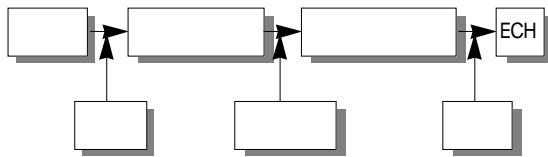
1.2058(0/4), 1.1761(20/20), 1.1807(20/4),
(760mmHg) 116.1, -57.2,
20 13.0mmHg, 40 38.7mmHg,
60 99.1mmHg, 80 223.9mmHg, 100
456.3mmHg 0 1.56cp, 20 1.12cp, 25 1.03cp
1.4358(nD₂₅), 20 37.0dyne/cm, 25 3.4 × 10⁻⁸ ohm-1cm-1,
21.5 = 60cm 20.8, 97.9cal/g, 4,524.4cal/g,
40.5 40.6 가 6.58wt%, 1.47wt%
, 20 가 88.5 (; 74wt%)

(ECH)

50% EDC가 MDI · TDI가 20% ECH ·
가 10% 10%

, ECH

<ECH >



(, , , 67%가
10%, 가 5% , 15%
11%, Glycidyl metacrylate 12%,
ECH

CONSER S.P.A

91 11

ECH

ECH

3

ECH가

ECH

0.7%,

95%,

0.6%,

)가 3.7%

28%, ECH

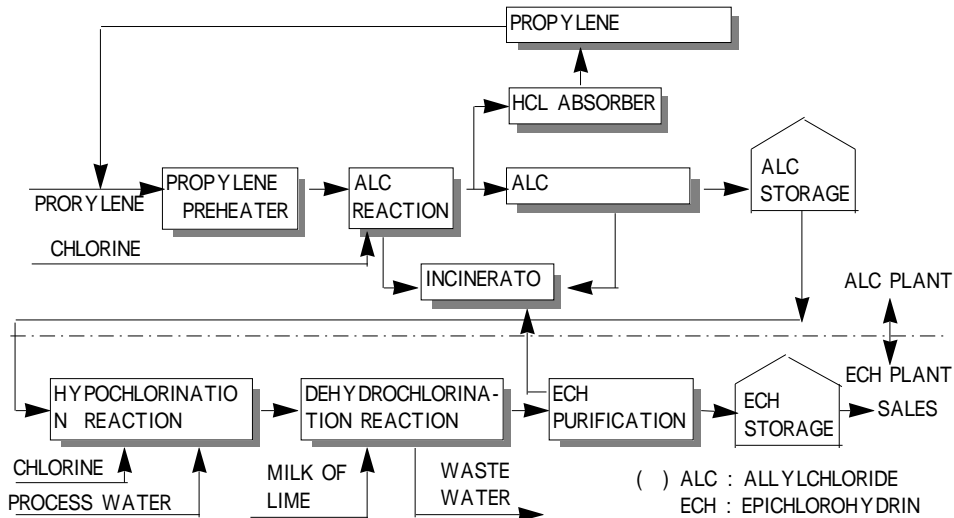
61%,

ECH

2 5000

가 (DCH)
ECH

ECH 3가
ALLYLCHLORIDE REACTION
HYPOCHLORINATION REACTION
DEHYDROCHLORINATION REACTION
BLOCK DIAGRAM



ECH) ALC ECH (, , , ,
) . ALC
, 가
ECH . 35wt%

ALC ALC , HYPOCHLORINATION 2
DCH() . DCH (MILK OF LIME)
DEHYDROCHLORINATION REACTION ECH가 . ECH

, ECH DOW, SHELL, SOLVAY, SHOWA DENKO, OSAKA SODA, CONSER
, CONSER

89

ECH 2 5000 ECH 91 가 ,
ECH 3000

ECH KNOW-HOW , CONSER

ECH ()
TPL CONSER 93 ECH , CONSER가 ECH

CONSER TPL

94 3 TPL MODEL 1 REVIEW
BASIC ENGINEERING PACKAGE REVIEW, MODEL REVIEW, CONSTRUCTION CHECK-
OUT, OPERATION TRAINING, COMMISSIONING & INITIAL START-UP TECHNICAL

ASSISTANT

91 9 ECH 92 2 5 ,
 92 6 , 7 , 1 3 , 9 , 1
 , 1 9 .

【 1】 ECH (: M/T)

DOW TEXAS	90,000	SOLVA Y	25,000	SHOWA DENKO	24,000		
SHELL TEXAS	43,000	SOLVA Y	50,000	KASHIMA CHEM	47,000		
L.A.	57,000	DOW	65,000	DAISO	38,000		
		DOW	40,000	SUMITOMO	14,000		
		SHELL	80,000	MTT	12,000		
	190,000		260,000		135,000		
ALCLOR	12,000	ANGARSK	30,000(CHILU	30,000		
	(STOP)		STOP)	YUEY ANG	5,000		
DOW	36,000	GIURGIU	15,000(SHENY ANG	3,000		
	('93)		STOP)		40,000		
		SPOLEK	8,000		15,000		
		ORGANIKA	21,000		10,000		
					25,000		
	48,000		74,000		50,000		
	326,000		334,000		225,000		

4
 1 5
 ECH
 가 3
 8 (.)
 , 가
 Bulk 1300
 , Drum .
 130
 ECH 91 1
 2350 , 92 8919 , 93 7497
 ,
 가

93 7497 가 20.4% 5652 , 22.3%
 가 1680 , 가 .EU . 가 165
 , 93 3825 , 2548 , 1498 , 1133 , 402 9410
 , 가 가 Bulk , EU 가
 Drum 1200 ~ 1700 가
 , ECH 가 , ,