

CG 32 CODE RT-698-D PKG
NOV 5 1982 L2J32 2668
(DATE) (LOT) (EST WT)

PROCESSES APPROVED BY:
() RT-698-D (0) EWK 03/22/82

COMTYP JOB NAME: 32RT698DMO

STANDARD HRS. _____ TIME 7 A.M.

PREPARATION NOTES:

~~Run 34" (494G) WATER INTO V-931 & HEAT TO 80-100 DEG F~~ NON-BLEEDING

EQUIP MENT	NAME: WATCHUNG RED B	USE LBS	N-CODE	ACCT LBS
PREP	1 RECORD: _____ BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRECOAT WITH 15% DICALITE FILTER AID		777-A	
	2 OBTAIN FOR S11 2-CHLORO-4-AMINOTOLUENE-5- SULFONIC ACID		740-C	
	3 OBTAIN FOR S40 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
	4 INSTALL DV & CV RECORDER & CONTROLLER CHART NOTE: NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V-922 NOTE: RUN 15" WATER INTO V-904. PUMP WATER FROM V-904 THRU DISTRIBUTOR. IF WATER DOES NOT COME OUT OF ALL DISTRIBUTOR HOLES WITH FULL FORCE, NOTIFY SUPERVISOR			
				NOV 5 1982
931 2	5 RUN 34" (494G) WATER INTO V-931 & HEAT TO 80-100 DEG F	400	530-A	1400
	6 ADD IN 8-9 MIN DRESINATE X			
	7 STIR 5 MIN & RECORD: PH 10.1 (9.5-10.5)			
	8 STIR 20 MIN OR LONGER TO DISSOLVE FOR S50			
922 3	9 RUN 35" (721G) WATER INTO V-922			
	10 WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M 13 51.53 %	411	7-D	212
	11 TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	1086
	2-CHLORO LOT #100% %			
	4-AMINOTOLUENE 32.8 102.6 93.3 1105			
	5-SULFONIC ACID			
	12 DUMP IN ACTIVATED CARBON	25	113-B	25
	13 DUMP IN FILTER AID	10	777-A	10
	14 HEAT TO 212-214 DEG F WATCH FOAM!!!!			
	15 RECORD: BY (+) IF NECESSARY ADJ TO +BY ASSUME 50%		7-D	
	16 STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM. WATCH FOAM. RECORD: SPARKLER PRES- SURE 0 PSI IF NOT ZERO NOTIFY SUPVR.			
	17 CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S19. RECORD: START 2:25 PM TOTAL MIN 10 CLARITY 04 HT 190 F & REC 191 F			

check w/c
Rec'd in
attached
sheet

60

EQUIP MENT		PAGE 2 OF 3 CG 32 CODE RT-698-D (0)	USE LBS	N-CODE	ACCT LBS
904/	18	RUN 2" (58G) WATER INTO V-904/CV			
4	19	WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER. MAINTAIN V-922 AT 190-195 DEG F RECORD: START <u>7:35 PM</u> TOTAL MIN <u>15</u>			
902	20	RUN 65" (1696G) WATER INTO V-902			
3	21	DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY FOR S43	255	542-D	255
MISC	22	MEASURE <u>83 1/4</u> UNITS IN V-928 FOR S35			
6		HYDROCHLORIC ACID M <u>3</u> <u>30.84</u> % <u>1278</u>		28-D	394
	23	WEIGH SODIUM NITRITE IN PT FOR S38 M <u>10</u> <u>32.76</u> % <u>1184</u>		725-A	388
	24	WEIGH SODIUM NITRITE IN DRUM FOR S43 M <u>10</u> <u>32.76</u> % <u>98</u>		725-A	32
922	25	WHEN S19 COMPLETE, STOP PUMP & INSERT V-922			
7		FOOT PLUG			
	26	RUN IN 10" (200G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER			
904/	27A	PUMP V-922 THRU SPARKLER INTO V-904/			
8					
PT	27	WEIGH SODIUM HYDROXIDE IN PT M <u>13</u> <u>51.53</u> % <u>376</u>		7-D	194
9	28	DILUTE TO MAXIMUM VOLUME +/-100G FOR S47			
922	28A	RUN IN 5" (80G) WATER & HEAT TO 190-195 F			
10		& CIRCULATE 15 MIN THRU SPARKLER			
904/CV	29	PUMP V-922 THRU SPARKLER INTO V-904/			
11	30	WHEN MTY BLOW OUT SPARKLER INTO V-904/			
	31	PUMP IN IGEAL CO-630	68	979-D	68
	32	HEAT TO 165-170 DEG F FOR S34			
CV		NOTE: IF N-740-C SOL'N WAS PUMPED DIRECTLY FROM SPARKLER TO CV OMIT STEPS 37 & 38			
12	33	RUN IN 1" (95G) WATER INTO V- <u>901</u>			
	34	WHEN S32 COMPLETE, PUMP V-904 AT 165-170 F THRU UNDERSURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN). MAINTAIN 165-170 DEG F IN CV RECORD: START <u>5:22 PM</u> TOTAL MIN <u>14</u>			
	35	RUN IN N-28-D FROM S22 IN 12-15 MIN			
	36	STIR 15 MIN AT 165-170 DEG F.			
	37	ADJ TO 46" (4347G) AT 32-38 DEG F <u>for more heat</u> <u>22</u> X330		57-A	<u>20460</u>
		RECORD: TEMP <u>42.38</u> DEG F, VOLUME <u>12.38</u>			
	38	RUN IN N-725-A FROM S23 AFAP (5-10 MIN) & RINSE IN PT			
	39	STIR 30 MIN AT 32-38 DEG F MAINTAINING +CR, +KI FOR S40. RECORD TIME START <u>7:07 PM</u>			
		CR <u>+</u> (+), KI <u>+</u> (+)			
		NOTE: N-28-D HYDROCHLORIC ACID X'S IS LOW FOR THIS PROCESS. BE VERY CAREFUL WHEN CHECKING CR+. IF YOU LOSE +CR, YIELD WILL BE LOW.			

EQUIP MENT		PAGE 3 OF 3 CG 32 CODE RT-698-D (0)	USE LBS	N-CODE	ACCT LBS
CV #2 CONT		NOTE 1) IF CR-, KI- ADD 20% "AS IS" INCRMTS HYDROCHLORIC ACID RCRD: CR (+) KI (+) ASSUME 32% 2) IF CR+, KI- ADD 20% "AS IS" INCREMENTS. SODIUM NITRITE RCRD: CR (+) KI (+) ASSUME 33% 40 DUMP IN FROM S3 & STIR 10 MIN LOT 3-HYDROXY-2-NAPHTHOIC ACID 8338 8346 8335 41 DUMP IN CALCIUM CHLORIDE 28448 42 ADD FOR MAINTAINING 32-38 DEG F THRU S46 50X330		28-D 725-A 82-C 20-A 57-A	994 448 9240
902 13	43	POUR N725A SODIUM NITRITE FR S24 INTO V-902			
	44	DUMP IN AMMONIUM CHLORIDE	245	165-A	245
CV 14	45	IMMEDIATELY AFTER S44 COMPLETE, WITH V-902 AGITATOR ON PUMP V-902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN. MAINTAIN 32-38 DEG F IN CV. RECORD: START 9:10 PM TOTAL MIN 25		57-A	
	46	STIR 30 MIN & RECORD: PH 4.6 (5.0-6.0) TEMP 129.1 DEG F (32-38 DEG F)			
	47	RUN IN PT SODIUM HYDROXIDE FR S28 THRU UN- DERSURFACE LINE, RINSE IN PT & STIR 15 MIN.			
	48	RECORD PH 9.3 (9.0-9.8). IF PH IS BELOW 9.0			
	49	ADJ TO PH 9.0-9.8 SODIUM HYDROXIDE AND RECORD: PH 9.55 DIAZO () BASE (+) HYDROCHLORIC ACID ASSUME 32%	114	7-D 28-D	57
	50	STEAM EJECT V-93 FROM S8 INTO CV			
	51	POUR IN I OCTANOL	32	588-A	32
	52	HEAT TO 173-175 DEG F IN 55-65 MIN AND RECORD: HT 175 DEG F & REC 175 DEG F			
	53	DURING 500 HEATING, DUMP IN BARIUM CHLORIDE			
902 15	54	DURG S52 HEATG, RUN 10" (268G) WTR INTO V902			
	55	TURN ON AGITATOR & STEAM & DUMP IN BARIUM CHLORIDE	110	16-B	110
	56	HEAT TO 155-160 DEG F & STIR TO DISSOLVE			
CV 16	57	WHEN S52 COMPLETE, STRIKE V-902 AT 155-160F THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 2-3 MIN. RECORD: START 12:45 TOTAL MIN 4			
	58	HEAT CV TO 193-195 DEG F IN 10-15 MIN			
	59	STIR 60 MIN AT 193-195 F. RECORD: START 11:0			
	60	AFTER 20 MIN S59 STIR RECORD PH 9.2 (8.8-9.3) IF NECESSARY, ADJ TO PH 8.8-9.3 ASSUME 50% AND RECORD: PH 9.1 ASSUME 32%	90	7-D 28-D	45
	61	AFTER S59 STIR FLOOD TO 180-190" (+/-18000G) AND STOP AGITATOR WHEN INSTRUCTED BY PROCESSING AREA HALF WAY THRU PRESSING, DUMP IN I OCTANOL, STIR 5 MIN & STOP AGITATOR. RESUME PRESSING.	10	588-A	10
		Received V-901 AT 4:35 PM START FIN OPTR 10:00 AM 3:00 PM 3:20 3 PM 11 PM 114			

LOT 42J32

V-740 - C CHECK-WEIGH & CALCULATE

NEWARK CHECK-BRANCH

DT	GROSS	TARE	Net	%	GROSS	TARE	NET		#/100%
			325	98.3	345	18	327	X%AS DECIMAL	
			325	98.3	346	18	328		
528			325	98.3	345	18	327		
528	Stump		325	98.3	136	18	118		
528	Stump				Stump		5		

4-82-C

8338	266	16	250	100%	267	15	252
8346	266	16	250	100%	247	16	231
8338	266	16	250	100%	267	15	252
8335	Stamp			100%	224	14	210
8346	Stamp			100%	203	-	49

990











