

SEP 30 1982

RT-698-D PKG

PROCESSES
() RT-698-D (M)APPROVED BY
EWK2/25/82

K21177

(DATE) (LOT NUMBER)

EST. WT. 2758 LBS.TYPED BY: KIW
STANDARD HRS. _____TIME 3 P M

PREPARATION NOTES: _____

NON-BLEEDING

EQUIP MENT	NAME: WATCHUNG RED B	USE LBS	N-CODE	ACCT LBS
PREP 1	RECORD: <u>2</u> 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 S41 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
	4 INSTALL DV & CV RECORDER & CONTROLLER CHART 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			
932 2	5 RUN 20" (415G) WATER INTO V-932 & HEAT TO 80-100 DEG F			
	6 ADD IN 8-9 MIN DRESINATE X <u>9.9</u>	<u>400</u>	<u>99-A</u>	<u>400</u>
	7 STIR 5 MIN & RECORD: PH <u>9.9</u> (9.5-10.5)			
	8 STIR 20 MIN OR LONGER TO DISSOLVE FOR S44			
	NOTE: NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V-922			
922 3	9 RUN 38" (782G) WATER INTO V-922			
	10 WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M <u>11</u> , <u>50.09</u> %	<u>439</u>	7-D	220
	11 TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	1127
	LOT #100% 2-CHLORO <u>309</u> <u>807</u> <u>98.49</u> <u>819</u>			
	4-AMINOTOLUENE <u>310</u> <u>320</u> <u>98.54</u> <u>325</u>			
	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 <u>+</u> (+) IF NECESSARY ADJ TO +BY SODIUM HYDROXIDE ASSUME 50%		7-D	
	16 STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM. WATCH FOAM. RECORD: SPARKLER PRES- SURE <u>0.0</u> 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 <u>4:45 P</u> TOTAL MIN <u>20</u> CLARITY <u>0.10</u> HT <u>1195</u> F & REC <u>195</u> F			

19/30

EQUIP MENT		PAGE 2 OF 3 CG 32 CODE RT-698-D (M)	USE LBS	N-CODE	ACCT LBS
904/CV 4	18 19	RUN 2" (58G) WATER INTO V-904/CV WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F RECORD: START <u>5:05 PM</u> TOTAL MIN <u>58</u>			
902 5	20 21 22	RUN 54" (1407G) WATER INTO V-902 DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN AND HOLD FOR S41 M <u>11</u> , <u>50.09</u> %	<u>545</u> 545 <u>331</u>	542-D 7-D	<u>545</u> 545 166
MISC 6	23 24	MEASURE <u>994.53</u> UNITS IN V-928 FOR S35 HYDROCHLORIC ACID M <u>2</u> , <u>31.01</u> % WEIGH SODIUM NITRITE IN PT FOR S38 M <u>9</u> , <u>33.26</u> %	<u>1754</u> <u>1100</u>	28-D 725-A	544 367
922 7	25 26 27	WHEN S19 COMPLETE, STOP PUMP & INSERT V-922 FOOT PLUG RUN IN 15" (309G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER PUMP V-922 THRU SPARKLER INTO V-904/CV			
922 9	28	RUN IN 9" (177G) WATER INTO V-922 AND HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLER			
904/CV 10	29 30 31 32	PUMP V-922 THRU SPARKLER INTO V-904/CV WHEN MTY BLOW OUT SPARKLER INTO V-904/CV POUR IN IGEPAI CD-630 HEAT TO 165-170 DEG F FOR S34	47	979-D	47
CV 11		NOTE: IF N-740-C SOL'N WAS PUMPED DIRECTLY FROM SPARKLER TO CV, OMIT STEPS 33 & 34.			
	33 34	RUN IN 1" (95G) WATER INTO V- WHEN S32 COMPLETE, PUMP V-904 AT 165-170 F THRU UNDER-SURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN). MAINTAIN 165-170 DEG F IN CV RECORD: START TOTAL MIN			
	35 36 37	RUN IN HYDROCHLORIC ACID N-28-D FROM S23 IN 12-15 MIN STIR 15 MIN AT 165-170 DEG F. ADJ TO 48" (4536G) AT 32-38 DEG F	<u>6058X330</u>	57-A	<u>19890</u>
	38 39	RECORD: TEMP <u>26</u> F, VOLUME <u>SP</u> RUN IN SODIUM NITRITE N-725-A FROM S24 AFAP (5-10 MIN) & RINSE IN PT STIR 30 MIN AT 32-38 DEG F MAINTAINING +DR, +KI FOR S40 RECORD: TIME START <u>7.45</u>			
	40	CR <u>+</u> (+) KI <u>+</u> (+) NOTE: (1) IF CR-, KI- ADD 20% "AS IS" INCREMENTS HYDROCHLORIC ACID RECORD: CR <u>+</u> (+) KI <u>+</u> (+) ASSUME 32% (2) IF CR+, KI- ADD 20% "AS IS" INCREMENTS SODIUM NITRITE RECORD: CR <u>+</u> (+) KI <u>+</u> (+) ASSUME 33% DUMP IN FROM S3 & STIR 10 MIN LOT 3-HYDROXY-2-NAPHTHOIC ACID <u>8106</u> <u>7568</u>	<u>24</u> <u>1000</u>	28-D 725-A 82-C	 1024

EQUIP MENT		PAGE 3 OF 3 CG 32 CODE RT-698-D (M)	USE LBS	N-CODE	ACCT LBS
902 12	41	DUMP IN AMMONIUM CHLORIDE	221	165-A	221
CV 13	42	IMMEDIATELY AFTER S41 COMPLETE, WITH V-902 AGITATOR ON PUMP V-902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN. LET TEMP. RISE FREELY. RECORD: START <u>8:50</u> TOTAL MIN <u>2</u>			
	43	STIR 15 MIN & RECORD: PH <u>9.6</u> (9.0-9.8) TEMP <u>50</u> DEG F (40-50 DEG F) AND IF PH IS BELOW 9.0 ADJ TO PH 9.0-9.8 SODIUM HYDROXIDE ASSUME 50% & RECORD PH <u>9.6</u> DIAZO <u>-</u> (-) ASSUME 32% BASE <u>WEST</u> (+) HYDROCHLORIC ACID		7-D 28-D	
	44	STEAM EJECT V-932 FROM S8 INTO CV			
	45	POUR IN 1 OCTANOL	30	588-A	30
	46	HEAT TO 173-175 DEG F IN 55-65 MIN AND RECORD: HT _____ DEG F & REC _____ DEG F			
902 14	47	DURING S46 HEATING, RUN 10" (268G) WATER INTO V-902	<u>239</u>	16-B	<u>239</u>
	48	TURN ON AGITATOR & STEAM & DUMP IN BARIUM CHLORIDE			
	49	HEAT TO 155-160 DEG F & STIR TO DISSOLVE			
CV 15	50	WHEN S46 COMPLETE, STRIKE V-902 AT 155-160F THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 2 - 3 MIN RECORD: START <u>11:15 P</u> TOTAL MIN <u>4</u>			
	51	HEAT CV TO 193-195 DEG F IN 10-15 MIN.			
	52	STIR 60 MIN AT 193-195 F. RECORD START <u>11:30 P.M.</u>			
	53	AFTR 20 MIN S52 STIR RECORD PH <u>9.0</u> (8.8-9.3) IF NECESSARY, ADJ TO PH 8.8-9.3 ASSUME 50% AND RECORD: PH _____ ASSUME 32%		7-D 28-D	
	54	WHEN S52 STIR COMPLETE, FLOOD TO 180-190" (+/-18000G) AND STOP AGITATOR			
		WHEN INSTRUCTED BY PROCESSING AREA HALF WAY THRU PRESSING, DUMP IN 1 OCTANOL, STIR 5 MIN & STOP AGITATOR. RESUME PRESSING.	10	588-A	10
		START <u>3:00</u> FIN <u>11:00</u> OFTR <u>342</u> <u>11:PM.</u> <u>12:59/AM</u> <u>54</u>			







