

NOV 10 1982

L2J45 2668 LBS.

() RT-698-D (0) EWK 03/22/82

COMTYF JOB NAME: 32RT698DMO

STANDARD HRS. TIME 7 A.M.

PREPARATION NOTES:

NON-BLEEDING

EQUIP MENT	NAME: WATCHUNG RED B	USE LBS	N-CODE	ACCT LBS
PREF	1 RECORD: BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRECOAT WITH 15% DICALITE FILTER AID		777-A	
	2 OBTAIN FOR \$11 2-CHLORO-4-AMINOTOLUENE-5- SULFONIC ACID		740-C	
	3 OBTAIN FOR \$40 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			
921 2	5 RUN 34" (494G) WATER INTO V-921 & HEAT TO 80-100 DEG F 6 ADD IN 8-9 MIN DRESINATE X 7 STIR 5 MIN & RECORD: PH 10.2 (9.5-10.5) 8 STIR 20 MIN OR LONGER TO DISSOLVE FOR S50	400	530-A	400
922 3	9 RUN 35" (721G) WATER INTO V-922 10 WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M 13 51.53% 11 TURN ON AGITATOR & STEAM & DUMP IN FROM S2 2-CHLORO LOT \$100% 4-AMINOTOLUENE 327 1086 98.2 1106 5-SULFONIC ACID 12 DUMP IN ACTIVATED CARBON 13 DUMP IN FILTER AID 14 HEAT TO 212-214 DEG F WATCH FOAM!!!! 15 RECORD: BY (+) IF NECESSARY ADJ TO +BY ASSUME 50% 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 \$19. RECORD: START 10.55 TOTAL MIN 5 CLARITY 2K HT 195 F & REC 195 F	411	7-D 740-C	212 1086
		25 10	113-B 777-A	25. 10
			7-D	

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EQUIP MENT		PAGE 2 OF 3 CG 32 CODE RT-698-D (0)	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>11:42</u> TOTAL MIN <u>10</u>			
902 5	20 21	RUN 65" (1696G) WATER INTO V-902 DUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY FOR S43	255	542-D	255
	21A	WEIGH <u>83 1/4</u> UNITS IN V-928 FOR S35 <u>W/8/24 RYN 10 (NAPA) (ASSUME 50%)</u>	<u>80</u>	<u>7-D</u>	<u>40</u>
MISC 6	22 23	MEASURE <u>83 1/4</u> UNITS IN V-928 FOR S35 HYDROCHLORIC ACID M <u>3</u> <u>30.84</u> %	<u>1278</u>	28-D	394
	24	WEIGH SODIUM NITRITE IN PT FOR S38 M <u>10</u> <u>32.76</u> %	<u>1184</u>	725-A	388
	25	WEIGH SODIUM NITRITE IN DRUM FOR S43 M <u>10</u> <u>32.76</u> %	<u>98</u>	725-A	32
922 7	26 27	WHEN S19 COMPLETE, STOP PUMP & INSERT V-922 FOOT PLUG. RUN IN 10" (200G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER			
904/CV 8	28A	PUMP V-922 THRU SPARKLER INTO V-904/CV			
PT 9	29 30	WEIGH SODIUM HYDROXIDE IN PT M <u>13</u> <u>31.53</u> % DILUTE TO MAXIMUM VOLUME <u>17</u> -100G FOR S47	<u>376</u>	7-D	194
922 10	31A	RUN IN 5" (80G) WATER & HEAT TO 190-195 F & CIRCULATE 15 MIN THRU SPARKLER			
904/CV 11	32 33	PUMP V-922 THRU SPARKLER INTO V-904/CV WHEN MTY BLOW OUT SPARKLER INTO V-904/CV POUR IN IGEPA CO-630	68	979-D	68
	34	HEAT TO 165-170 DEG F FOR S34			
CV 12	35 36 37 38 39 40	NOTE: IF N-740-C SOL'N WAS PUMPED DIRECTLY FROM SPARKLER TO CV OMIT STEPS 37 & 38 RUN IN 1" (95G) WATER INTO V- <u>904</u> 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 _____ TOTAL MIN _____ RUN IN N-28-D FROM S22 IN 12-15 MIN STIR 15 MIN AT 165-170 DEG F. ADJ TO 46" (4347G) AT 32-38 DEG F RECORD: TEMP <u>28°F</u> DEG F, VOLUME _____ RUN IN N-725-A FROM S23 AFAP (5-10 MIN) & RINSE IN PT STIR 30 MIN AT 32-38 DEG F MAINTAINING +CR, +KI FOR S40. RECORD TIME START _____ CR _____ (+), KI _____ (+) 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.	<u>54X330</u>	57-A	<u>21120</u>

Check Record: ✓ CR, ✓ +KI after 30 MIN Stir

EQUIP MENT		PAGE 3 OF 3 CG 32 CODE RT-698-D (0)	USE LBS	N-CODE	ACCT LBS
CV 12 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 8239 <i>Check weight & feed on all day</i>	150 200 994	28-D 725-A 82-C	994
	41	DUMP IN CALCIUM CHLORIDE	448	20-A	448
	42	ADD FOR MAINTAINING 32-38 DEG F THRU S46	25 X330	57-A	8250
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 22 TOTAL MIN 22 Temp 29°F		57-A	
	46	STIR 30 MIN & RECORD: PH 5.5 (5.0-6.0) TEMP 30 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 8.6 (9.0-9.8), IF PH IS BELOW 9.0	30	82-C	30
	49	ADJ TO PH 9.0-9.8 SODIUM HYDROXIDE TEMP-35°F ASSUME 50% AND RECORD: PH 9.8 DIAZO (-) BASE (+) HYDROCHLORIC ACID ASSUME 32%	180	7-D	90
	50	STEAM EJECT V-902 FROM S8 INTO CV		28-D	
	51	POUR IN I OCTANOL	32	588-A	32
	52	HEAT TO 173-175 DEG F IN 55-65 MIN AND RECORD: HT 172 DEG F & REC 175 DEG F			
	53	DURING S52 HEATING, DUMP IN BARIUM SULFATE			
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 7:00 TOTAL MIN 8			
	58	HEAT CV TO 193-195 DEG F IN 10-15 MIN			
	59	STIR 60 MIN AT 193-195 F. RECORD START 7:10			
	60	AFTER 20 MIN S59 STIR RECORD PH 8.0 (8.8-9.3) IF NECESSARY, ADJ TO PH 8.8-9.3 ASSUME 50% AND RECORD: PH 8.9 ASSUME 32%	100	7-D 28-D	50
	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
		START 3:00R FIN 8:15PM OPTR 322			

$$\begin{array}{r}
 330 \\
 25 \\
 \hline
 1650 \\
 660 \\
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 2310
 \end{array}$$

1-740 - C CHECK-WEIGH & CALCULATE

NEWARK CHECK-WEIGH

[illegible]

4-82-C

8339	266	16	250	-	266	16	250
	266	16	250		266	16	250
	266	16	250		266	16	250
	266	16	250		266	16	184
5346					STUMP		30

N-7	#20
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