

CG 32

CODE RT-880-D

PKG

PROCESSES

APPROVED BY

JAN 20 1982

A2J90

() RT-880-D (G)

EWK 12-31-81

(DATE)

(LOT NUMBER)

TYPED BY: JMH

EST. WT. 2522* LBS.

STANDARD HRS. 9.3

TIME 7.1 M.

PREPARATION NOTES:

NON-BLEEDING

EQUIP MENT	NAME: WATCHUNG RED B	USE LBS	N-CODE	ACCT LBS
	NOTE: BATCH MUST BE PRESSED PROMPTLY TO CONTROL COLOR. DO NOT START IF PRESS WILL NOT BE AVAILABLE WITHIN 3 HRS AFTER MAKING. RECORD: PRESS WILL BE READY _____ M _____, _____ PR SUPV START MAKING _____ M _____ / _____ MAKING SUPV			
	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			
PREP 1	1 RECORD: _____ BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRE-COAT WITH 15% DICALITE, FILTER AID		777-A	
	2 OBTAIN FOR S11 2-CHLORO-4-AMINOTOLUENE-5- SULFONIC ACID		740-C	
	3 OBTAIN FOR S27 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
	4 INSTALL DV & CV RECORDER & CONTROLLER CHART			
921/ 931 2	5 RUN 12" (120G) WATER INTO V-921 & ADJ TO 80-100 DEG F			
	6 ADD IN 2-3 MIN DRESINATE XX	115	99-A	115
	7 STIR 5 MIN & RECORD PH 9.8 (9.5-10.5)			
	8 STIR 20 MIN OR LONGER TO DISSOLVE FOR S36			
922 3	9 RUN 37" (762G) WATER INTO V-922			
	10 WEIGH IN SODIUM HYDROXIDE IN V-926 & RUN IN M 5 49.80%	454	7-D	226
	11 TURN ON AGITATOR & STEAM & DUMP IN FROM S2		740-C	1157
	LOT #100% 248 1157 99.06 1168			
	2-CHLORO			
	4-AMINO			
	TOLUENE			
	5-SULFONIC			
	ACID			

EQUIP MENT		PAGE 2 OF 4 CG 32 CODE RT-880-D (G)	USE LBS	N-CODE	ACCT LBS
922	12	DUMP IN ACTIVATED CARBON	25	113-B	25
3	13	DUMP IN FILTER AID	10	777-A	10
CONT.	14	HEAT TO 212-214 DEG F. WATCH FOAM!			
	15	RECORD: BY <u>L</u> MUST BE +, ADJ IF NECESSARY SODIUM HYDROXIDE ASSUME 50%		7-D	
	16	STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM. WATCH FOAM! NOTE: RECORD SPARKLER PRESSURE <u>0</u> PSI. IF NOT ZERO NOTIFY SUPERVISOR.			
	17	CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT <u>190-195</u> DEG F FOR S24. RECORD: START <u>8:15 AM</u> TOTAL MIN <u>20</u> CLARITY <u>12</u>			
	18	RECORD: HT <u>114</u> F & REC <u>195</u> F			
MISC	19	WEIGH SODIUM NITRITE IN PT-1 FOR S45 M <u>9</u> , <u>33.36</u> %	<u>1124</u>	725-A	375
4	20	WEIGH SODIUM NITRITE IN DRUM FOR S51 M <u>9</u> , <u>33.36</u> %	<u>132</u>	725-A	44
	21	WEIGH SODIUM NITRITE IN DRUM FOR S52 M <u>9</u> , <u>33.36</u> %	<u>132</u>	725-A	44
	22	MEASURE <u>6542</u> UNITS IN V-928 FOR S42 HYDROCHLORIC ACID M <u>1</u> , <u>29.89</u> %	<u>1864</u>	28-D	557
904/ CV	23	RUN 1" (____G) WATER INTO V- <u>901</u>			
5	24	NOTE USE CV IF MTY, IF CV NOT MTY USE V-904 WHEN S18 IS COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F. RECORD: START <u>8:50 AM</u> TOTAL MIN <u>4.5</u>			
902	25	RUN 33" (1648G) WATER INTO V-902			
6	26	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M <u>5</u> , <u>48.80</u> %	<u>950</u>	7-D	473
	27	DUMP IN FROM S3 3-HYDROXY <u>7345</u> 2-NAPHTHOIC ACID <u>7333</u> <u>7345</u>	<u>255</u> <u>763</u> <u>38</u>	82-C	1058
	28	ADJ TO 70-90 DEG F & STIR TO DISSOLVE			
922	29	WHEN S24 COMPLETE, SHUT OFF PUMP & INSERT V-922 FOOT-PLUG			
7	30A	RUN IN 10" (209G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER. CIRCULATE 15 MIN THRU SPARKLER.			
904/CV	30B	PUMP V-922 THRU SPARKLER INTO V-904/CV			
8					
922	30C	RUN IN 5" (104G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER.			
9					
904/CV	31	PUMP V-922 THRU SPARKLER INTO V-904/CV			
10	32	WHEN MTY BLOW OUT SPARKLER INTO V-904/CV			

EQUIP MENT		PAGE 3 OF 4 CG 32 CODE RT-880-D (G)	USE LBS	N-CODE	ACCT LBS
904/CV 10 CONT	133	DISSOLVE ALKANOL XC IN 20G WATER AT 135-145 F WATER FROM HOT WATER MIXER IN DRUM & POUR IN 134 HEAT V-904/CV TO 165-170 F FOR S41	32	133-B	32
902 11	135	WHEN S28 COMPLETE, MEASURE TRISULPHOIL SOAP D IN CALIBRATED CONTAINER, SLURRY WITH 46G WATER IN DRUM & POUR INTO V-902 136 STEAM EJECT IN V-921/92 FROM S8	105	39-A	105
PT-2 12	137	RUN SODIUM HYDROXIDE INTO PT M <u>5</u> , <u>42.80</u> % 138 ADJ TO 20° (72G) 139 STIR 5 MIN OR LONGER FOR S57	<u>265</u>	7-D	132
NOTE: IF N-740-C SOLUTION WAS PUMPED DIRECTLY FROM SPARKLER TO CV AT S'S 23 & 24, OMIT S'S 40 & 41					
CV 13	140	RUN 1" (95G) WATER INTO V- <u>901</u> 141 IF V-904 IS USED, PUMP V-904 AT 165-170 F THRU UNDERSURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN) MAINTAIN 165-170 DEG F 142 RECORD: START _____ TOTAL MIN _____ 143 RUN IN N-28-D HYDROCHLORIC ACID FROM S22 IN 12-15 MIN. 144 STIR 5 MIN 145 ADJ TO 45° (4252G) AT 32-38 DEG F 146 RECORD: TEMP <u>35</u> F, STICK _____ 147 RUN IN N-725-A SODIUM NITRITE FROM S19 AFAP (5-10 MIN) & RINSE IN 148 STIR 20 MIN AT 32-38 F MAINTAINING +CR 149 +KI FOR S54 RECORD: TIME START <u>10:00</u> 150 CR <u>+</u> (+) KI <u>+</u> (+) NOTE: 1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS RECORD: CR <u>+</u> (+) KI <u>+</u> (+) HYDROCHLORIC ACID ASSUME 32% 2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS RECORD: CR <u>+</u> (+) KI <u>+</u> (+) SODIUM NITRITE ASSUME 33% 151 DUMP IN CALCIUM CHLORIDE 152 DUMP IN STRONTIUM NITRATE 153 DUMP IN BARIUM SULFATE 154 ADD FOR MAINTAINING AT 32-38 DEG F DURING <u>32</u> X330 155 COUPLING 156 POUR IN N-725-A SODIUM NITRITE FROM S20	47X330	57-A	<u>15,510</u>
902 14	152	POUR N-725-A SODIUM NITRITE FROM S21 INTO V-902 153 DUMP IN AMMONIUM CHLORIDE & STIR 2-3 MIN	228	165-A	228
CV 15	154	IMMEDIATELY COUPLE 902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN. MAINTAIN CV AT 32-38 DEG F. RECORD: START <u>2:10</u> 155 TOATL MIN. <u>21</u> 156 INSTALL 5/16" ORIFICE IN UNDERSURFACE ADDITION LINE 157 WHEN S54 COMPLETE, STIR 30 MIN & RECORD: 158 BASE <u>+</u> (+) DIAZO <u>+</u> (+) PH. <u>4.0</u> (5.0-6.0)	1166 255 52 <u>32</u> X330	20-A 246-B, E 65-A 57-A	1166 255 52 <u>10,560</u>

DATE PRINTED: 1/13/82

EQUIP MENT	PAGE 4 OF 4 CG 32 CODE RT-880-D (G)	USE LBS	N-CODE	ALCT LBS
CV	57 RUN IN N-7-D FROM S32 THRU 5/16" ORIFICE			
15	& RINSE IN RECORD: 70 MIN (40-50 MIN)			
CONT	58 STIR 20 MIN & RECORD: PH 6.7 (7.0-8.5)			
59	IF PH BELOW 7.0 ADJ TO PH 7.0-8.5 WITH			
60	N-7-D ONLY. RECORD PH 8.3 ASSUME 50%	100	7-D	50
61	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN			
62	STIR 15 MIN & RECORD: BASE + (+)	110	7-D	55
63	DIAZO - (-) PH 9.2 (9.0-9.8)			
64	IF PH BELOW 9.0 ADJ TO PH 9.0-9.8 WITH			
65	N-7-D ONLY. RECORD PH			
66	SODIUM HYDROXIDE ASSUME 50%		7-D	
67	MEASURE I OCTANOL IN CALIBRATED CONTAINER			
68	& POUR IN	37	588-A	37
69	HEAT TO 193-195 DEG F IN 75-80 MIN. RECORD			
70	START			
71	RECORD: HT DEG F & REC DEG F			
72	STIR 60 MIN AT 193-195 DEG F. RECORD:			
73	START 5:30 A.M.			
74	AFTER 20 MIN S66 STIR RECORD:			
75	PH 8.8 (8.8-9.3)			
76	IF PH BELOW 8.8 ADJ TO PH 8.8-9.3 WITH			
77	N-7-D ONLY. RECORD PH			
78	SODIUM HYDROXIDE ASSUME 50%		7-D	
79	WHEN S66 COMPLETE, FLOOD TO 180-190"			
80	(47-18,000G)			
81	STOP AGITATOR			
WHEN INSTRUCTED BY PROCESSING AREA HALFWAY				
THRU PRESSING				
(1) DUMP IN I OCTANOL				
(2) STIR 5 MIN				
(3) ADVISE PROCESSING TO RESUME PRESSING				
START FIN OPTR				
5:00 P 7:00 A 120				
9:00 P 3:00 P 118				
5:00 P 11:00 P 119				
11:00 P 7:00 A 27.54				

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