

05 40

CODE RT-531-D

PKG

PROCESSES

APPROVED BY:

() RT-531-D (P) EWK 08/02/82

11/15/82
(DATE)

~~889~~ L2K20
(LOT)

COMTYP JOB NAME: 40RT531DMP

EST. NT. ~~889~~ LBS..

STANDARD HRS.

TIME 7 AM

RED & Yellow EAST PRESS SEMI-BLEEDING

EQUIP MENT	NAME	USE LBS	N-CODE	ACCT LBS
	Boil out V-323 NAPHTHANIL RED LIGHT			
PREP 1	1 OBTAIN 4-NITRO-2-AMINOTOLUENE FOR S6		504-C	
	2 OBTAIN 3-HYDROXY-2-NAPHTHYLAMIDE FOR S18		150-C	
	3 CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			

DV 2	4 RUN 20" (700 G) WATER INTO V-317			
	5 RUN IN HYDROCHLORIC ACID FROM V-324			
	M 3 30.84 % 590		28-D	182
	6 DUMP IN FROM S1		504-C	305
	4-NITRO-2-AMINOTOLUENE 8309			
	USE lot 8309 only			
	7 WASH DICALITE FILTER AID IN 40 GAL WATER			
	8 ADJ TO 42" (1470 G) AT 35-40 DEG F	8X330	57-A	3640
	9 SIPHON IN SODIUM NITRITE IN 7-10 MIN			
	M 11 33.37 % 414		725-A	138
	10 STIR 5 MIN & RECORD: CR + (+), KI + (+)			
	NOTE: (1) IF CR-, KI- ADD 20# "AS IS"			
	INCREMENTS HYDROCHLORIC ACID ASSUME 32%		28-D	
	RECORD: CR (+) KI (+)			
	(2) IF CR+, KI- ADD 10# "AS IS" INCREMENTS			
	SODIUM NITRITE ASSUME 33%		725-A	
	RECORD: CR (+) KI (+)			
	11 STIR 10 MIN AT 35-40 F MAINTAINING +CR, +KI			
	FOR S13 RECORD: TIME START 11/10			

MISC 3	12 SLURRY DICALITE FILTER AID IN 40 GAL WATER	5	777-A	5
	13 IN DRUM & PRECOAT CLARIF PRESS			

DV 4	14 WHEN S11 STIR COMPLETE DUMP IN ACT			
	15 DUMP IN DICALITE FILTER AID	10	777-A	10
	16 STIR 30 MIN AT 35-40 DEG F ASSUME 33%		725-A	
	MAINTAINING +KI FOR S23.		57-A	
	RECORD: START KI (+)			

343 5	17 RUN 19" (281 G) WATER INTO V-313			
	18 SLURRY TRISULPHOIL SOAP D IN 25G WATER & BOOR IN	32	39-A	32
	19 DUMP IN 3-HYDROXY-2-NAPHTHYLAMIDE FROM S2 & STIR 30 MIN OR LONGER TO WET.		150-C	536
	RECORD: START 12 Noon 8323	349		
	USE lot 8324, ± 392# bal 8324	187	EL	

Make wt with lot 8323, ± 144#

check wgt & record
on 11/15/82

NOV 15 1982

EQUIP MENT		PAGE 2 OF 3 CG 40 CODE RT-531-D (P)	USE LBS	N-CODE	ACCT LBS
302	19	RUN 12" (144G) WATER INTO V-302			
6	20	POUR IN SODIUM HYDROXIDE ASSUME 50%	84	7-D	42
	21	RUN IN ACETIC ACID THRU METER & STIR 3 MIN			
	22	RECORD PH <u>7.1</u> (6.7-7.5) IF NECESSARY ADJ TO 6.7-7.5. ACETIC ACID ASSUME 70%	<u>92</u>	30-D	63
		RECORD PH _____ SODIUM HYDROXIDE ASSUME 50%		7-D	
DV	23	TURN ON V- <u>323</u> AGITATOR & ADD ICE, THEN	2X330	57-A	<u>660</u>
7		SHUT OFF AGITATOR			
	23A	PUMP DV THRU CLARIF PRESS INTO DV USED IN S 23. MAINTAINING TEMP AT <u>35-40</u> F. RECORD: START: <u>12:45P</u> TOTAL MIN <u>50</u>			
		NOTE: DO NOT USE V-303 - TOO SMALL			
	24	WHEN S23A CLARIF COMPLETE WASH DV (S4) LINES PUMP & PRESS FOR 20 MIN OR TO A -CR TEST ON A SAMPLE OF TOTAL PRESS EFFLUENT WHICHEVER COMES FIRST. COLLECT WASHINGS IN DV (S23) RECORD: START <u>1:40P</u> CR <u>+</u> (-OR+)			
	25	WHEN S24 IS COMPLETE TEST DV(S23) ASSUME 33% A RECORD: KI <u>+</u> (+) TEMP <u>50</u> (40-45* F)		725-A	
				57-A	
	26	WEIGH SULFAMIC ACID IN RUBBER BUCKET AND RINSE IN AND STIR 5 MIN.	<u>15</u>	395-D	<u>15</u>
	27	RECORD: KI <u>-</u> MUST BE - & IF NECESSARY ADJ TO -KI WITH SULFAMIC ACID		395-D	
	28	ADJ TO 55" (1925 G) AT 40-45 DEG F	1X330	57-A	
260	29	RUN 33" (3300 G) WATER INTO V-260			
8	30	INSTALL TEMP CHART & SET AGITATOR AT 16 RPM			
		<u>30A</u> WEIGH <u>16G</u> AFAP CG-630, IN DRUM & POUR IN	<u>14</u>	<u>977-D</u>	<u>14</u>
<u>313</u>	31	WHEN S18 STIR COMPLETE, POUR IN SODIUM HYDROXIDE IN 3-4 MIN. ASSUME 50%	<u>320</u>	7-D	<u>160</u>
9	32	HEAT TO 128-132 DEG F AFAP & STIR 5 MIN TO DISSOLVE. STOP AGITATOR.			
260	33	IMMEDIATELY RUN V- <u>313</u> AFAP INTO CV <u>NO</u> AGITATION IN CV. RECORD: START <u>1:20P</u> TOTAL MIN <u>9</u>			
10	34	RUN IN ACETIC ACID THRU METER & STIR 5 MIN			
		M <u>4</u> <u>68.60</u> %	<u>318</u>	30-D	<u>218</u>
	35	RECORD: PH <u>11.3</u> (10.5-11.0) ASSUME 50%		7-D	
		IF NECESSARY ADJ TO PH 10.5-11.0			
	36	RECORD: PH <u>10.75</u> ASSUME 70%	<u>10</u>	30-D	
	37	RUN IN V-302 AFAP			
	38	HEAT TO 78-82 DEG F AND RECORD: KI <u>80</u> DEG F AND REC <u>80</u> DEG F			
	39	WHEN S38 COMPLETE, COUPLE DV UNDERSURFACE IN 65-70 MIN. MAINTAIN CV AT 78-82 DEG F RECORD: START <u>3:15PM</u> TOTAL MIN <u>70</u>			
	40	STIR 5 MIN, DISCONNECT TRANSFER LINE AT CV & RECORD: DIAZO <u>+</u> (+/-) <u>4.40</u>			
		BASE (MUST BE +) PH <u>4.40</u> (4.2-4.6)			
	41	IF NECESSARY STIR TO - DIAZO RECORD: START <u>4:35PM</u> TOTAL MIN <u>180</u>			
		RECORD: DIAZO <u>-</u> MUST BE -			
		BASE <u>+</u> MUST BE +			
		PH <u>4.5</u> (4.2-4.6)	<u>30</u>	<u>N-3A</u>	<u>30</u>

EQUIP MENT		PAGE 3 OF 3 CG 40 CODE RT-531-D (P)	USE LBS	N-CODE	ACCT LBS															
MISC 14	42	ADD 30G WATER AT 130-140* TO DRUM FROM HOT WATER MIXER ADD BLANCOL N & STIR FOR S43	43	567-B	43															
260 12	43	FOUR IN N-567-B SOLUTION FROM S42																		
	44	HEAT TO 194-196 DEG F IN 55-60 MIN AND RECORD: HT <u>194</u> DEG F AND REC <u>195</u> DEG F																		
	45	WHEN S44 HEATING COMPLETE, RUN IN ALUMINUM SULFATE SOLUTION THRU BADGER METER. NOTE:	172	115-D	86															
		RINSE IN LINE AFTER N-115-D SOL'N RUN IN.																		
	46	STIR 30 MIN AT 194-196 DEG F																		
	47	FLOOD TO 80" (7928G) AND STOP AGITATOR																		
<table><tr><td>START</td><td>FIN</td><td>OPTR</td></tr><tr><td><u>7:00 PM</u></td><td><u>3:00 PM</u></td><td><u>126-120</u></td></tr><tr><td><u>3:00 PM</u></td><td><u>9:30 PM</u></td><td><u>409</u></td></tr><tr><td>-----</td><td>-----</td><td>-----</td></tr><tr><td>-----</td><td>-----</td><td>-----</td></tr></table>						START	FIN	OPTR	<u>7:00 PM</u>	<u>3:00 PM</u>	<u>126-120</u>	<u>3:00 PM</u>	<u>9:30 PM</u>	<u>409</u>	-----	-----	-----	-----	-----	-----
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$$\begin{array}{r} 536 \\ 187 \\ \hline 349 \end{array}$$

$$\begin{array}{r} 305 \\ 201 \\ \hline 506 \end{array}$$

$$\begin{array}{r} 536 \\ 308 \\ \hline 148 \end{array}$$

1-504 - C CHECK-WEIGH & CALCULATE

NEWARK CHECK-BRANCH

DUP050061200

