

11/19/82
 (DATE)

 L2K88
 (LOT)

COMTYP JOB NAME: 40RT531DMP

EST. WT. 889 LBS.

STANDARD HRS.

TIME 7AM

EAST-PRESS

SEMI-BLEEDING

EQUIP MENT	NAME: NAPHTHANIL RED LIGHT	USE LBS.	N-CODE	ACCT LBS
PREP	1 OBTAIN 4-NITRO-2-AMINOTOLUENE FOR S6		504-C	
1	2 OBTAIN 3-HYDROXY-2-NAPHTHYLAMIDE FOR S18		150-C	
	3 CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			
DV	4 RUN 29" (700 G) WATER INTO V-322			
2	5 RUN IN HYDROCHLORIC ACID FROM V-324 M 3 30.84 %	570	28-D	182
	6 DUMP IN FROM S1 4-NITRO-2-AMINOTOLUENE USE LOT 8357 ONLY	305	504-C	305
	7 WEIGH ON PORTAL SCALE - NITRO-2-AMINOTOLUENE ADD & STIR 15 MIN TO WET LOT			
	8 ADJ TO 42" (1470 G) AT 35.40 DEG F	8X330	57-A	2640
	9 SIPHON IN SODIUM NITRITE IN 7-10 MIN M 12 31.53 %	437	725-A	138
	10 STIR 5 MIN & RECORD: CR + (+), KI + (+) NOTE: (1) IF CR-, KI- ADD 20% "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR (+) KI (+) (2) IF CR+, KI- ADD 10% "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR (+) KI (+)		28-D	
	11 STIR 10 MIN AT 35.40 F MAINTAINING +CR, +KI FOR S13 RECORD: TIME START 6:52		725-A	
MISC	12 SLURRY DICALITE FILTER AID IN 40 GAL WATER 3 IN DRUM & PRECOAT CLARIF PRESS	5	777-A	5
DV	13 WHEN S11 STIR COMPLETE DUMP IN DICALITE			
4	14 DUMP IN DICALITE FILTER AID	10	777-A	10
	15 STIR 30 MIN AT 35.40 DEG F ASSUME 33% MAINTAINING +KI FOR S23. RECORD: START 6:52 AM KI + (+)		725-A	
			57-A	
	16 RUN 19" (301G) WATER INTO V-313			
5	17 SLURRY TRISULPHOIL SOAP D IN 25G WATER & POUR IN	302	39-A	302
313	18 DUMP IN 3-HYDROXY-2-NAPHTHYLAMIDE FROM S2 & STIR 30 MIN OR LONGER TO WET. LOT RECORD: START 7:00 PM 8323	536	150-C	536
	USE LOT 8323 only			

 Check weigh & record in
 attached

NOV 19 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 M <u>4</u> , <u>68.60</u> %	92	30-D	63
	22	RECORD PH <u>7.0</u> (6.7-7.5) IF NECESSARY ADJ TO 6.7-7.5. ACETIC ACID ASSUME 70%		30-D	
		RECORD PH <u>---</u> SODIUM HYDROXIDE ASSUME 50%		7-D	
DV	23	TURN ON V- 323 AGITATOR & ADD ICE, THEN SHUT OFF AGITATOR	2X330	57-A	<u>660</u>
	23A	PUMP DV THRU CLARIF PRESS INTO DV USED IN S 23. MAINTAINING TEMP AT <u>35-40</u> F. RECORD: START <u>2.15</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>8</u> CR <u>---</u> (-OR+)			
	25	WHEN S24 IS COMPLETE TEST DV (S23) ASSUME 33% RECORD: KI <u>+</u> (+) TEMP <u>35</u> (40-45* F)		725-A	
	26	WEIGH SULFAMIC ACID IN RUBBER BUCKET AND RINSE IN AND STIR 5 MIN.	15	395-D	15
	27	RECORD: KI <u>---</u> MUST BE - & IF NECESSARY ADJ TO -KI WITH SULFAMIC ACID		395-D	
	28	ADJ TO 55° (1925 G) AT <u>35-40</u> 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	14	979-D	14
	30A	WEIGH <u>50</u> G S ₂ IN DRUM & POUR IN			
9	31	WHEN S18 STIR COMPLETE, POUR IN SODIUM HYDROXIDE IN 3-4 MIN. ASSUME 50%	320	7-D	160
313	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>1</u> NO AGITATION IN CV. RECORD: START <u>2.35</u> TOTAL MIN <u>11</u>			
10	34	IMMEDIATELY RUN IN ACETIC ACID THRU METER & STIR 5 MIN M <u>4</u> , <u>68.60</u> %	318	30-D	218
	35	RECORD: PH <u>10.2</u> (10.5-11.0) ASSUME 50% IF NECESSARY ADJ TO PH 10.5-11.0		7-D	
		RECORD: PH <u>10.9</u> ASSUME 70%	8	30-D	7
	36	RUN IN V-302 AFAP (IMMEDIATELY)			
	37	HEAT TO 78-82 DEG F AND RECORD: AT <u>8.0</u> DEG F AND REC <u>8.4</u> DEG F			
	38	WHEN S28 COMPLETE, COUPLE DV UNDERSURFACE IN 65-70 MIN. MAINTAIN CV AT 78-82 DEG F			
		RECORD: START <u>10.45 P</u> TOTAL MIN <u>---</u>			
	40	STIR 5 MIN, DISCONNECT TRANSFER LINE AT CV & RECORD: DIAZO <u>+</u> (+/7)			
		BASE <u>+</u> (MUST BE +) PH <u>4.4</u> (4.2-4.6)			
		IF NECESSARY STIR TO - DIAZO RECORD: START <u>12.10 PM</u> TOTAL MIN <u>130</u>			
		RECORD: DIAZO <u>---</u> MUST BE - BASE <u>+</u> MUST BE + PH <u>4.3</u> (4.2-4.6)			

EQUIP MENT		PAGE 3 OF 3 CG 40 CODE RT-531-D (P)	USE LBS	N-CODE	ACCT LBS
MISC 11	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 44 45 46 47	POUR IN N-567-B SOLUTION FROM S42. HEAT TO 194-196 DEG F IN 55-60 MIN AND RECORD: HT <u>194</u> DEG F AND REC <u>196</u> DEG F WHEN S44 HEATING COMPLETE, RUN IN ALUMINUM SULFATE SOLUTION THRU BADGER METER. NOTE: RINSE IN LINE AFTER N-115-D SOL'N RUN IN. STIR 30 MIN AT 194-196 DEG F FLOOD TO 80* (7928G) AND STOP AGITATOR	86 172	15-D	86
		START	FIN	OPTR	
		<u>11:00 PM</u>	<u>4:30 AM</u>	<u>320</u>	

1-504 - C CHECK-WEIGH & CALCULATE

NEWARK CHECK-WEIGH

DUP050061194

