

PROCESSES APPROVED BY
()RT-531-D (N) EWK 11-24-81
COMTYP JOB NAME: 40RT531DMN
TYPED BY: JMH

(DATE) (LOT)

EST. WT. 643* LBS.

EAST-PRESS

STANDARD HRS.

TIME _____ M

PREPARATION NOTES: SUPV'R NOTE: DO NOT USE V-303 FOR NAPHTHANILS WHEN
CAMPAIGNING DАLAMARS YC-39-A, YC-40-A, YT-839-P, YT-840-P, YT-858-D, AND
YT-868-D.

SEMI-BLEEDING

EQUIP MENT		NAME: NAPHTHANIL RED LIGHT	USE LBS	N-CODE	ACCT LBS
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 14" (486 G) WATER INTO V-322			
	5	RUN IN HYDROCHLORIC ACID FROM V-324			
	6	M L 29.89 % LOT	472	28-D	126
	7	DUMP IN FROM S1		504-C	211
	8	4-NITRO-2-AMINOTOLUENE 78.52	211		
	9	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			
	10	STIR 15 MIN TO WET			
	11	ADJ TO 30" (1020 G) AT 40-45 DEG F	13X330	57-A	1320
	12	SIPHON IN SODIUM NITRITE IN 7-10 MIN			
	13	M 9 33.36 % 235		725-A	95
	14	STIR 5 MIN & RECORD: CR + (+), KI + (+)			
	15	NOTE: (1) IF CR-, KI- ADD 20# "AS IS"			
	16	INCREMENTS HYDROCHLORIC ACID ASSUME 32%		28-D	
	17	RECORD: CR (+) KI (+)			
	18	(2) IF CR+, KI- ADD 10# "AS IS" INCREMENTS			
	19	SODIUM NITRITE ASSUME 33%		725-A	
	20	RECORD: CR (+) KI (+)			
	21	STIR 10 MIN AT 40-45°F MAINTAINING +CR, +KI			
	22	FOR S13 RECORD: TIME START 315A			
MISC 3	12	SLURRY DICALITE FILTER AID IN 40 GAL WATER	5	777-A	5
	13	IN DRUM & PRECOAT CLARIF PRESS			
DV 4.	13	WHEN S11 STIR COMPLETE DUMP IN ACTIVATED	15	113-B	15
	14	CARBON			
	15	DUMP IN DICALITE FILTER AID	10	777-A	10
	16	STIR 30 MIN AT 40-45 DEG F ASSUME 33%		725-A	
	17	MAINTAINING +KI FOR S23.		57-A	
	18	RECORD: START 330A KI + (+)			
330 5	16	RUN 13" (177G) WATER INTO V-330		JUN 21 1982	
	17	SLURRY TRISULPHOIL SOAP D IN 25G WATER &			
	18	POUR IN	16	39-A	16
	19	DUMP IN 3-HYDROXY-2-NAPHTHYLAMIDE FROM S2 &			
	20	STIR 30 MIN OR LONGER TO WET. LOT		150-C	370
	21	RECORD: START 330A 6950	370		
	22	no spouts N-150-C			
	23	1 mls			

N38128

EQUIP MENT		PAGE 2 OF 3 CG 40 CODE RT-531-D (N)	USE LBS	N-CODE	ACCT LBS
302 6	19	RUN 36 (4326) WATER INTO V-302			
	20	POUR IN SODIUM HYDROXIDE ASSUME 50%	232	7-D	116
313	21	SIPHON IN ACETIC ACID & STIR 3 MIN			
	22	RECORD PH <u>7.0</u> (6.7-7.5) IF NECESSARY ADJ TO 6.7-7.5. ACETIC ACID ASSUME 70%	250	30-D	172
		RECORD PH _____ SODIUM HYDROXIDE ASSUME 50%		7-D	
DV 7	23	TURN ON V- <u>323</u> AGITATOR & ADD ICE, THEN SHUT OFF AGITATOR	2X330	57-A	660
	23A	PUMP DV THRU CLARIF PRESS INTO DV USED IN S 23. MAINTAINING TEMP AT 40-45°F. RECORD: START: <u>400A</u> TOTAL MIN <u>15</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>445ACR</u> - (-OR+)			
	25	WHEN S24 IS COMPLETE TEST DV (S23) ASSUME 33% & RECORD: KI <u>+</u> (+) TEMP <u>45</u> (40-45°F)		725-A	
	26	WEIGH SULFAMIC ACID IN RUBBER BUCKET AND RINSE IN AND STIR 5 MIN.	10	395-D	10
	27	RECORD: KI <u>-</u> . MUST BE - & IF NECESSARY ADJ TO -KI WITH SULFAMIC ACID	5	395-D	5
	28	ADJ TO <u>56</u> (1925 G) AT 40-45 DEG F	1X330	57-A	
200 8	29	RUN 39* (3900 G) WATER INTO V- <u>105</u>			
	30	INSTALL TEMP CHART & SET AGITATOR AT 16 RPM			
330 9	31	WHEN S19 STIR COMPLETE, POUR IN SODIUM HYDROXIDE IN 3-4 MIN. ASSUME 50%	220	7-D	110
	32	HEAT TO 128-132 DEG F AFAP & STIR 5 MIN TO DISSOLVE. STOP AGITATOR.			
200 10 105	33	IMMEDIATELY RUN V-330 AFAP INTO CV. NO AGITATION IN CV. RECORD: START <u>450A</u> TOTAL MIN <u>15</u>			
	34	POUR IN ACETIC ACID & STIR 5 MIN.			
	35	RECORD: PH <u>11.0</u> (10.5-11.0) ASSUME 50%	218	30-D	150
		IF NECESSARY ADJ TO PH 10.5-11.0		7-D	
		RECORD: PH _____ ASSUME 70%		30-D	
	36	RUN IN V-302 AFAP <u>319</u>			
	37	DUMP IN BARIUM SULFATE	35	65-A	35
	38	HEAT TO 78-82 DEG F AND RECORD: HT <u>80</u> DEG F AND REC <u>80</u> DEG F			
	39	WHEN S28 COMPLETE, COUPLE DV UNDERSURFACE IN 65-70 MIN. MAINTAIN CV AT 78-82 DEG F. RECORD: START <u>550A</u> TOTAL MIN <u>20</u>			
	40	STIR 5 MIN, DISCONNECT TRANSFER LINE AT CV & RECORD: DIAZO <u>-</u> (+/-)			
	41	BASE <u>+</u> (MUST BE +) PH <u>4.6</u> (4.2-4.6)			
		IF NECESSARY STIR TO - DIAZO RECORD: START _____ TOTAL MIN _____			
		RECORD: DIAZO _____ MUST BE -			
		BASE _____ MUST BE +			
		PH _____ (4.2-4.6)			

EQUIP MENT		PAGE 3 OF 3 CG 40 CODE RT-531-D (N)	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	30	567-B	30
12 105	43	POUR IN N-567-B SOLUTION FROM S42			
	44	HEAT TO 194-196 DEG F IN 55-60 MIN AND RECORD: HT <u>195</u> DEG F AND REC <u>195</u> DEG F			
	45	WHEN S44 HEATING COMPLETE, RUN IN ALUMINUM SULFATE SOLUTION THRU BADGER METER. NOTE:	120	115-D	60
	46	RINSE IN LINE AFTER N-115-D SOL'N RUN IN.			
	47	STIR 30 MIN AT 194-196 DEG F FLOOD TO 80" (7928G) AND STOP ACITATOR			
		VAT V-303 V-315 V-317 V-322 V-323			
		S4 (486G) 20" 14" 14" 14" 14"			
		S8 (1020G) 43" 30" 30" 30" 30"			
		START	FIN	OPTR	
		<u>1100P</u>	<u>700 A</u>	<u>259</u>	
		<u>7 AM</u>	<u>930 AM</u>	<u>282</u>	
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BATCH DELAYS - No N-504
 N-150
 No N-28-
 No N-57-

