

EQUIP MENT		PAGE 2 OF 3 CG 46 CODE YT-820-D (D)	USE LBS	N-CODE	ACCT LBS
MISC	11	SLURRY IN 40 GAL WATER IN DRUM & PRECOAT CLARIF PRESS WITH DICALITE, FILTER AID	5	777-A	5
DV 4	12	WHEN S 10 STIR COMPLETE, DUMP IN ACTIVATED CARBON	15	113-B	15
	13	DUMP IN DICALITE, FILTER AID	10	777-A	10
	14	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 20 RECORD: TIME START <u>11 AM</u> , CR <u>+</u> (+), KI <u>+</u> (+) NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR <u>+</u> (+), KI <u>+</u> (+) (2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR <u>+</u> (+), KI <u>+</u> (+)		57-A	
				28-D	
				725-A	
CV 5	15	RUN 10" (970 G) WATER INTO V <u>106</u> & INSTALL TEMP CHART			
	16	POUR IN SODIUM HYDROXIDE M <u>9</u> <u>49.59</u> % <u>1147</u>		7-D	569
	17	ADJ TO 40" (3880 G) AT 66-70 DEG F	3X330	57-A	<u>922</u>
	18	CLOSE STACK DAMPER			
	19	STIR FOR S 22			
DV 6	20	WHEN S 14 STIR COMPLETE, TEST DV & RECORD CR <u>+</u> (+), KI <u>+</u> (+) TEMP: <u>31</u> (28-32 F) NOTE: (1) IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR <u>+</u> (+), KI <u>+</u> (+) (2) IF CR+, KI-, ADD 20# "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR <u>+</u> (+), KI <u>+</u> (+) 244 TURN ON V- <u>315</u> AGITATOR. CHOP & ADD ICE THEN TURN OFF AGITATOR. 218 PUMP DV THRU CLARIF PRESS INTO DV MAINTAINING TEMP AT 28-32 DEG F RECORD: TIME START <u>1150</u> , TOTAL MIN <u>130</u>		57-A	
				28-D	
				725-A	
			2X330	57-A	<u>400</u>
CV 7	22	DUMP ACETOACET ORTHO ANISIDIDE INTO CV FROM S2 LOT #100% % <u>510</u> <u>400</u> <u>94.6</u> <u>423</u> <u>430</u> <u>1000</u> <u>94.8</u> <u>1055</u> <u>490</u> <u>147</u> <u>93.2</u> <u>158</u>		46-C	1547
	23	STIR 10 MIN TO DISSOLVE			
	24	OPEN STACK DAMPER			
	25	RUN IN ACETIC ACID UNDERSURFACE IN 20-25 MINS. M <u>1</u> <u>68.93</u> % <u>1264</u>		30-D	871
	26	STIR 5 MIN & RECORD: PH <u>6.3</u> (5.8-6.3)			
	27	IF NECESSARY, ADJ TO PH 5.8-6.3 & RECORD PH <u>6.3</u> (5.8-6.3) SODIUM HYDROXIDE ASSUME 50% ACETIC ACID ASSUME 70%		7-D 30-D	

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DV 8	26	WHEN S 21 CLARIF COMPLETE, WASH DV (S 4) 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 (S 21).			
	29	STIR 5 MIN & RECORD: TEMP <u>30</u> (28-32°F) & IF NECESSARY, ADJ TO 28-32°F. RECORD _____ *F	<u>660</u>	57-A	<u>660</u>
	30	WEIGH SULFAMIC ACID IN RUBBER BUCKET & WASH INTO DV	15	395-D	15
	31	STIR 5 MIN & RECORD: KI <u>+</u> (-)			
	32	IF NECESSARY, ADJ TO -KI (SULFAMIC ACID) AND RECORD KI <u>-</u> (-)	<u>10</u>	395-D	<u>10</u>
	33	RECORD: VOL <u>S9</u>			
MISC 9	34	WEIGH SODIUM HYDROXIDE IN DRUMS FOR S41 M <u>9</u> , <u>49.59</u> %	<u>680</u>	7-D	337
	35	DISSOLVE IGEPAI CD-630 IN 20 GAL WATER IN DRUMS FOR S43	50	979-D	50
CV 10	36	WHEN S 33 COMPLETE, ADJ CV TO 43" (4197 G)			
	37	AT 80-84 DEG F CHECK ACCURACY: HT <u>83</u> DEG F & RECORDER <u>84</u> DEG F			
	38	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84°F.			
	39	RECORD: TIME START <u>2:10 PM</u> TOTAL MIN _____			
	40	STIR 10 MIN. DISCONNECT TRANSFER LINE AT CV IMMEDIATELY			
	41	RECORD: DIAZO _____ (-), BASE <u>+</u> (+), PH <u>4.1</u> (4.3-4.7) NOTE: (1) IF DIAZO +, BASE -, & PH BELOW 4.3: (A) ADJ TO PH 4.3-4.7 SODIUM HYDROXIDE ASSUME 50% (B) RECORD: PH _____ (2) IF DIAZO +, BASE - & PH ABOVE 4.3 ADD 8# 100% N-7-D SODIUM HYDROXIDE ASSUME 50% TO A 55G DRUM. ADJ WITH WATER TO +/-25G ADD 20# 100% N-46-C AND STIR TO DISSOLVE, POUR IN CV AND STIR 10 MIN. (3) REPEAT ABOVE AS NECESSARY TO - DIAZO, + BASE		7-D	
	42	POUR IN N-7-D SODIUM HYDROXIDE FROM S34 & STIR 5 MIN.		7-D	
	43	RECORD PH <u>5.6</u> (7.1-9.0) & IF NECESSARY ADJ PH 7.1-9.0 SODIUM HYDROXIDE ASSUME 50% RECORD: PH <u>8.9</u> HYDROCHLORIC ACID ASSUME 32%	<u>70</u>	7-D	<u>35</u>
	44	DUMP IN N-979-D FROM S 35		28-D	
	45	HEAT TO 200-204 DEG F IN 58-62 MIN STIR 30 MIN AT 200-204 DEG F RECORD: TIME START <u>3:35 PM</u>			
	46	FLOOD TO 94" (9174 G) AND STOP AGITATOR			
START <u>1 PM</u> FIN <u>7 PM</u> OPTR <u>120</u> <u>20</u> <u>3 PM</u> <u>252</u> <u>15</u> <u>Rec</u> <u>ICE</u> <u>AT</u> <u>9:45 AM</u>					

