

APPROVED BY
JJG 6/10/81
EWK 10/21/81

11/19/82
(DATE)

L2K89
(LOT NUMBER)

TYPED BY: JMH
HRS.

TIME 7 AM

EST. WT. 2126* LBS.

STANDARD HRS.

PREPARATION NOTES:

Note: Do Not Clarify
Do Not Use Press.

BLEEDING

EQUIP MENT		NAME: DALAMAR YELLOW	USE LBS	N-CODE	ACCT LBS
PREP 1	1	OBTAIN 5-NITRO-2-AMINOANISOLE FOR S6		557-C	
	2	OBTAIN ACETO ACET ORTHO ANISIDIDE FOR S22		46-C	
	3	CLEAN, DRESS, CLOSE 24" CLARIF PRESS - 15 FRAMES			
DV 2	4	RUN 17" (595 G) WATER INTO V_____			
	5	WEIGH IN HYDROCHLORIC ACID FROM V-324 M_____, _____%		28-D	458
	6	DUMP & RINSE IN 5-NITRO-2-AMINO ANISOLE DRUMS FROM S1 LOT _____ ± 100% _____%		557-C	974

	7	STIR 10 MIN OR LONGER TO WET			
	8	ADJ TO 33" (1155 G) AT 28-32 DEG F. (ICE)	10X330	57-A	
	9	SIPHON IN SODIUM NITRITE IN 12-15 MIN M_____, _____%		725-A	405
	10	STIR 30 MIN AT 28-32 DEG F MAINTAINING + CR, + KI FOR S 12 RECORD: TIME START_____, CR_____(+), KI_____(+) NOTE: (1) IF CR-, KI-, ADD 20± "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32% RECORD: CR_____(+), KI_____(+) (2) IF CR+, KI-, ADD 20± "AS IS" INCREMENTS SODIUM NITRITE ASSUME 33% RECORD: CR_____(+), KI_____(+)		28-D	
				725-A	

EQUIP MENT		PAGE 2 OF 3 CG 46 CODE <i>Med-A</i> ()	USE LBS	N-CODE	ACCT LBS
CV 5	10	RUN 10" (970 G) WATER INTO V <u>106</u> & INSTALL TEMP CHART			
	11	POUR IN SODIUM HYDROXIDE M <u>13</u> <u>51.53%</u> <u>904</u>		7-D	466
	12	ADJ TO 40" (3904 G) AT 66-70 DEG F	3X330	57-A	
	13	CLOSE STACK DAMPER			
	14	STIR FOR S 17.			
DV 6	15	WHEN S 9 STIR COMPLETE, TEST DV & RECORD CR <u>+</u> (+), KI <u>+</u> (+) TEMP: <u>29</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> (+)		28-D	
	16	ADJUST TO 60" (2054G) WITH WATER AND ICE TO 28-32°F.	3X330	57-A	990
CV 7	17	DUMP INTO CV FROM S2 ACETO ACET ORTHO ANISIDIDE. LOT #100% NOTE: <u>20430</u> <u>585</u> <u>94.4</u> <u>620</u> <u>20420</u> <u>581</u> <u>91.0</u> <u>605</u> <u>82530</u> <u>33</u> <u>100%</u> <u>33</u> <u>82527</u> <u>60</u> <u>100%</u> <u>60</u>		46-C	1265
	18	STIR 10 MIN TO DISSOLVE			
	19	OPEN STACK DAMPER			
	20	POUR IN UNDERSURFACE IN 20-25 MIN. ACETIC ACID. M <u>4</u> <u>68.40%</u> <u>1039</u>		30-D	713
	21	STIR 5 MIN & RECORD: PH <u>6.6</u> (5.8-6.3)			
	22	IF NECESSARY, ADJ TO PH 5.8-6.3 SODIUM HYDROXIDE ASSUME 50% ACETIC ACID ASSUME 70%		7-D	
		RECORD: PH <u>6.6</u> (5.8-6.3)		30-D	
DV 8	23	STIR 5 MIN & RECORD: TEMP <u>30</u> (28-32 DEG F) & IF NECESSARY, ADJ TO 28-32 DEG F RECORD: <u>30</u> DEG F		57-A	
	24	WEIGH IN RUBBER BUCKET & DUMP INTO DV SULFONIC ACID.			
	25	STIR 5 MIN & RECORD: KI <u>+</u> (+)			
	26	IF NECESSARY, ADJ TO <u>+</u> KI & RECORD: KI <u>+</u> SODIUM NITRITE ASSUME 32%		725-A	
	27	RECORD: DV <u>60</u> TEMP 28-32 DEG F NOTE: IF CR-, KI-, ADD 20# "AS IS" INCREMENTS HYDROCHLORIC ACID ASSUME 32%			
WISC 9	28	WEIGH SODIUM HYDROXIDE IN DRUMS FOR S35 M <u>13</u> <u>51.53%</u> <u>574</u>		7-D	296
	29	DISSOLVE IGEFAL C0630 IN 20 GAL WATER IN DRUMS FOR S38	62	979-D	62

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP. PAGE 3 OF 3 CG 46 CODE YC-848-A () USE N-CODE ACCT
MENT LBS LBS

CV 10 130 WHEN S 27 COMPLETE, ADJ CV TO 48" (46B5 G)
AT 80-84 DEG F
131 CHECK ACCURACY: HT 81 DEG F &
RECORDER 82 DEG F
132 WITH DV AGITATOR OFF, IMMEDIATELY COUPLE DV
THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN.
MAINTAIN CV AT 80-84°F. RECORD: START 12:10 PM
TOTAL MIN. 65 ~~NOTE: DO NOT RINSE IN SEWER~~
133 WHEN COUPLING COMPLETE, DISCONNECT TRANSFER
LINE AT DV OUTLET AND RINSE IN LINE INTO
CV. THEN DISCONNECT TRANSFER LINE AT CV
134 WHEN S33 COMPLETE, STIR 10 MIN.
~~NOTE: DURING THIS TIME, HOSE OUT TO~~
~~SEWER.~~
135 RECORD: DIAZO - (-), BASE + (+),
PH (4.3-4.7) 4.3
NOTE:
(1) IF DIAZO +, BASE -, AND PH BELOW 4.3:
(A) ADJ TO PH 4.3-4.7 SODIUM HYDROXIDE
ASSUME 50%
(B) RECORD: PH _____ 7-D
(2) IF DIAZO +, BASE -, & PH 4.3 OR ABOVE:
(A) ADD 8# 100% N-7-D SODIUM HYDROXIDE TO
A 55G DRUM 7-D
(B) ADJ WITH WATER TO 25G
(C) ADD 20# 100% N-46-C ACETO ACET ORTHO
ANISIDIDE 46-C
(D) STIR TO DISSOLVE
(E) POUR INTO CV
(F) STIR 10 MIN
(3) REPEAT (1) & (2) ABOVE AS NECESSARY
TO - DIAZO, + BASE
136 POUR IN N-7-D SODIUM HYDROXIDE FROM S28 &
STIR 5 MIN.
137 RECORD: PH 5.8 (8.0-8.5) & IF NECESSARY ADJ
TO PH 8.0-8.5. SODIUM HYDROXIDE. ASSUME 50%
RECORD PH 8.3 HYDROCHLORIC ACID. ASSUME 32%
138 DUMP IN N-979-D ICEPAL CO-630 FROM S29
139 HEAT TO 200-204 DEG F IN 58-62 MIN.
140 STIR 60 MIN AT 200-204 DEG F
RECORD: TIME START 2:40
141 FLOOD TO 94" (9174 G) & STOP AGITATOR

START	FINISH	OPTR
<u>7:00 PM</u>	<u>3:00 PM</u>	<u>320</u>
<u>3 PM</u>	<u>5 PM</u>	<u>120</u>

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT.		PAGE 3 OF 3 CG 46 CODE YC-11-A (C)	USE LBS	N-CODE	ACCT LBS
DV 8	28	WHEN S 21 CLARIF COMPLETE, WASH DV (S 4) LINES, PUMP & PRESS FOR 20 MIN OR TO A -CR TEST ON A SAMPLE TO TOTAL PRESS EFFLUENT, WHICHEVER COMES FIRST. COLLECT WASHINGS IN DV (S21B).			
	29	RECORD: TIME START _____ CR _____ (- OR +) STIR 5 MIN & RECORD: TEMP _____ (28-32 DEG F) & IF NECESSARY, ADJ TO 28-32 DEG F		57-A	
	30	RECORD: _____ DEG F WEIGH IN RUBBER BUCKET & WASH INTO DV	10	395-D	10
	31	SULFAMIC ACID.			
	32	STIR 5 MIN & RECORD: KI _____ (-) IF NECESSARY, ADJ TO -KI & RECORD: KI _____		395-D	
	33	SULFAMIC ACID. RECORD: DV _____			
MISC 9	34	WEIGH SODIUM HYDROXIDE IN DRUMS FOR S41		7-D	296
	35	M _____ % DISSOLVE IGEPAI C0630 IN 20 GAL WATER IN DRUMS FOR S43	62	979-D	62
CV 10	36	WHEN S 33 COMPLETE, ADJ CV TO 48" (4685 G) AT 80-84 DEG F			
	37	CHECK ACCURACY: HT _____ DEG F & RECORDER _____ DEG F			
	38	IMMEDIATELY RUN IN DV THRU UNDERSURFACE DISTRIBUTOR IN 60-65 MIN. MAINTAIN CV AT 80-84 DEG F			
	39	RECORD: TIME START _____, TOTAL MIN _____ WHEN S 38 COMPLETE, STIR 10 MIN NOTE: IMMEDIATELY AFTER COUPLING DISCONNECT TRANSFER LINE AT CV			
	40	RECORD: DIAZO _____ (-), BASE _____ (+), PH (4.3-4.7) NOTE: (1) IF DIAZO +, BASE -, AND PH BELOW 4.3: (A) ADJ TO PH 4.3-4.7 SODIUM HYDROXIDE ASSUME 50% (B) RECORD: PH _____ (2) IF DIAZO +, BASE -, & PH 4.3 OR ABOVE: (A) ADD 8± 100% N-7-D SODIUM HYDROXIDE TO A 55G DRUM (B) ADJ WITH WATER TO 25G (C) ADD 20± 100% N-46-C ACETO ACET ORTHO ANISIDIDE (D) STIR TO DISSOLVE (E) POUR INTO CV (F) STIR 10 MIN (3) REPEAT (1) & (2) ABOVE AS NECESSARY TO - DIAZO, + BASE		7-D	
	41	POUR IN N-7-D SODIUM HYDROXIDE FROM S34 & STIR 5 MIN.		7-D	
	42	RECORD: PH _____ (8.0-8.5) & IF NECESSARY ADJ TO PH 8.0-8.5. SODIUM HYDROXIDE. ASSUME 50% RECORD PH _____ HYDROCHLORIC ACID. ASSUME 32%		46-C	
				7-D	
				28-D	

CODE: YC-4-A

LOT L2K89

557 - C

CHECK-WEIGH & CALCULATE

DRUM STENCILED

NEWARK CHECK-WEIGH

[illegible]

