

CG 50 CODE YT-714-D PKG
SEP 24 1982 K2H11

PROCESSES APPROVED BY:
()YT-714-D (G) EWK 12/23/81

(DATE) (LOT NUMBER)

COMTYP JOB NAME: 50YT714DMG

EST. WT. ²¹¹⁵ * LBS.

STANDARD HRS. TIME M

PREPARATION NOTES:

NON-BLEEDING

EQUIP MENT	NAME: GREEN GOLD	USE LBS	N-CODE	ACCT LBS
PREP				
1	2 OBTAIN FOR S4 2,4-DIHYDROXY QUINOLINE		44-C	
	2 OBTAIN FOR S9 P-CHLORANILINE		613-C	
283	2 RUN 39" (2037G) WATER INTO V-283 & HEAT			
	TO 85-90 DEG F			
	4 DUMP & RINSE IN FROM S1 LOT 100% %		44-C	1078
	2,4-DIHYDROXY	1410 499 41.2 1211		
	QUINOLINE	1409 266 44.1 603		
		1408 123 40.7 302		
		1409 131 41.1 301		
		1407 39 45.5 71		
		1398 24 46.8 61		
	5 ADJ TO 54" (2836G) AT 85-90 DEG F			
	6 DUMP IN & STIR TO SOL'N FOR S12 SODIUM	369	3-A	369
	CARBONATE			
DV	7 RUN 17" (595G) WATER INTO V-315			
3	8 RUN IN FROM V-324 HYDROCHLORIC ACID			
	M 1 29.89 %	1074	28-D	560
	9 HEAT TO 68-72 F & DUMP IN FRM S2 LOT		613-C	796
	NOTE: THE RESOURCE CONSERVATION 125	796		
	RECOVERY BILL HAS CLASSIFIED PARA-			
	CHLORANILINE (N-613-C) A HAZARDOUS			
	WASTE MATERIAL. THIS REQUIRES EMPTY N613C			
	CONTAINERS TO BE GIVEN 3 WATER RINSES WITH			
	135-145°F WATER FROM HOT WATER MIXER INTO			
	DV BEFORE DISPOSING. NOTE (2) N-613C IS			
	EXTREMELY TOXIC DESTROY DRUMS PER STD PRAC			
	10 STIR 30 MIN OR LONGER TO DISSOLVE FOR S13			
	RECORD: START 9:00 AM			
SV	11 RUN 5" (489G) WATER INTO V-100 & INSTALL			
4	TEMP CHART			
	12 WHEN S6 STIR COMPLTE, RUN IN DV THRU SCREEN			

9/24

EQUIP MENT		PAGE 2 OF 3 CG 50 CODE YT-714-D (G)	USE LBS	N-CODE	ACCT. LBS
DV 5	13	WHEN S10 STIR COMPLETE, ADJ TO 61° (2100G)	6X330	57-A	1980
		AT 56-60 DEG F. ICE			
	14	SIPHON IN IN 10-12 MIN. SODIUM NITRITE			
		M <u>9</u> 35.36% <u>1310</u>		725-A	437
	15	STIR 5 MIN & RECORD: KI <u>+</u> , MUST BE +		725-A	
	16	STIR 30-45 MIN AT 60-72 DEG F MAINTAINING		57-A	
		+CR, +KI FOR S20 RECORD: TIME START <u>10:45 Am</u>			
		CR <u>+</u> (+), KI <u>+</u> (+)			
		NOTE: (1) IF CR-KI-, ADD 20% "AS IS"			
		INCREMENTS HYDROCHLORIC ACID ASSUME 32%		28-D	
		RECORD: CR <u>+</u> (+) KI <u>+</u> (+)			
		(2) IF CR+KI- ADD 20% "AS IS" INCREMENTS			
		SODIUM NITRITE ASSUME 33%		725-A	
		RECORD: CR <u>+</u> (+) KI <u>+</u> (+)			
283 6	17	RUN 15° (760G) WATER INTO V-283 AND HEAT			
		TO 66-80 DEG F			
	18	DUMP IN & STIR TO DISSOLVE NICKEL SULFATE	939	707-B	939
	19	SIPHON IN IN 10-12 MIN & STIR FOR S30	510	122-D	510
		AMMONIUM HYDROXIDE			
DV 7	20	WHEN S16 STIR COMPLETE, TEST DV & RECORD			
		CR <u>+</u> (+), KI <u>+</u> (+)			
		NOTE: (1) IF CR-, KI- ADD 20% "AS IS"			
		INCREMENTS HYDROCHLORIC ACID ASSUME 32%		28-A	
		RECORD: CR <u>+</u> (+) KI <u>+</u> (+)			
		(2) IF CR+, KI- ADD 20% "AS IS" INCREMENTS			
		SODIUM NITRITE ASSUME 33%		725-A	
		RECORD: CR <u>+</u> (+) KI <u>+</u> (+)			
	21	SETTLE 15-30 MIN FOR S24 & RECORD			
		<u>60V</u> "DV, START <u>11:55 Am</u>			
MISC 8	22	SLURRY WITH +/- 30 GALLONS WATER IN DRUM	113	892-D	113
		FOR S32 SURFACTANT G3300			
CV 9	23	ADJ CV TO 78-82 DEG F 39° (3787G) & RECORD	2X330	57-A	
		HT <u>80</u> DEG F & REC <u>81</u> DEG F			
	24	WHEN S21 SETTLING COMPLETE, COUPLE DV			
		UNDERSURFACE IN 60-70 MIN RECORD:			
		START <u>1:30 Am</u> TOTAL MIN <u>60</u>			
	25	DRAIN IN DV 5 MIN & WASH IN LINE ONLY			
	26	WHEN S24 COMPLETE, STIR 30 MIN & DISCONNECT			
		TRANSFER LINE AT CV IMMEDIATELY			
	27	RECORD: DIAZO <u>-</u> (-), BASE <u>+</u> (+),			
		PH <u>8.1</u> (8.0-9.0)			
		NOTE: (1) IF DIAZO +, BASE - & PH BELOW 8.0			
		(A) ADJ TO PH 8.0-9.0 SODIUM CARBONATE		3-A	
		(B) RECORD PH			
		(2) IF DIAZO +, BASE -, & PH 8.0 OR ABOVE			
		(A) ADD 10% 100% N-44-C 2,4-DIHYDROXY		44-C	
		QUINOLINE			
		(B) ADJ WITH WATER TO +/- 25G			
		(C) STIR TO DISSOLVE			
		(D) POUR INTO CV			
		(E) STIR 10 MIN			
		(3) REPEAT (1) & (2) ABOVE AS NECESSARY TO			
		- DIAZO, + BASE			

EQUIP MENT		PAGE 3 OF 3 CG 50 CODE YT-714-D (G)	USE	N-CODE	ACCT
			LBS		LBS
CV	28	HEAT TO 134 136 DEG F IN 14-18 MIN.			
9	29	STIR 20-25 MIN AT 134 136 DEG F. DURING			
CONT		STIR WASH DV TO SEWER.			
	30	RUN IN V283 IN 20-25 MIN MAINTAIN 134-136			
	31	STIR 5 MIN & RECORD: PH 8.1 (7.8-8.8)			
	32	DUMP IN N-892-B SLURRY FROM S22			
	33	DUMP IN S22			
	34	STIR 90 MIN AT 134 136 DEG F. RECORD:			
		START 6:00			
	35	FLOOD TO 8.4			
	36	STOP AGITATOR			
	37	TAKE 1 QT. SAMPLE			
		S35 V-100 V-105 V-106 V-182			
		" 81" 94" 94" 84"			
		GAL. (8050G) (9174G) (9174G) (8300G)			
		START FIN OPTR			
		7:00 pm 3:00 pm 120			
		3 P 7 P			

SUPERVISOR NOTE:

- (1) IF DIAZO + AFTER INITIAL COUPLING (S27) ADVISE PROCESSING TO:
- (A) LOAD IN DRUMS @ 325# NET AS PRESSCAKE DO NOT DRY. TAKE 1 QT. SAMPLE
- (B) HIGH PRESSURE HOSE PRESS AND BOX AFTER DROPPING BEFORE FILLING NEXT BATCH

SUPVR: _____

DATE: _____

$$\begin{array}{r} 132 \\ 132 \\ \hline 264 \\ 132 \\ \hline 396 \end{array}$$

G	N-613-D
265	15
268	14
264	14

N
250
254
250

2/8
4/5
17/6
2/12