

CG 50 CODE YT-714-D PKG

PROCESSES

APPROVED BY:

SEP 27 1982

K21140

() YT-714-D (G)

EWK 12/23/81

(DATE)

(LOT NUMBER)

COMTYP JOB NAME: 50YT714DMG

EST. WT. ²¹⁶⁵ ~~2015~~ * LBS.

STANDARD HRS.

TIME 7 A.M.

PREPARATION NOTES:

NON-BLEEDING

EQUIP MENT	NAME: GREEN GOLD	USE LBS	N-CODE	ACCT LBS
PREP 1	1 OBTAIN FOR S4 2,4-DIHYDROXY QUINOLINE		44-C	
	2 OBTAIN FOR S9 P-CHLOROANILINE		613-C	
283 2	3 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	1406 580 48.3 1200		
	QUINOLINE	1404 241 40.2 600		
		1401 139 46.5 300		
		1407 118 53.2 221		
	5 ADJ TO 54* (2836G) AT 85-90 DEG F			
	6 DUMP IN & STIR TO SOL'N FOR S12 SODIUM CARBONATE	369	3-A	369
DV 3	7 RUN 17* (595G) WATER INTO V-315			
	8 RUN IN FROM V-324 HYDROCHLORIC ACID			
	M 29.89 %	1874	28-D	560
	9 HEAT TO 68-72 F & DUMP IN FRM S2 LOT		613-C	796
	NOTE: THE RESOURCE CONSERVATION	158 750		
	RECOVERY BILL HAS CLASSIFIED PARA-155	46		
	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 9:00am			
SV 4	11 RUN 5* (489G) WATER INTO V-112 & INSTALL			
	TEMP CHART			
	12 WHEN S6 STIR COMPLTE, RUN IN DV THRU SCREEN			

(JL)

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	4950
		AT 56-60 DEG F. ICE			
	14	SIPHON IN IN 10-12 MIN. SODIUM NITRITE			
		M. <u>9</u> , <u>3336</u> % <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>750</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>64</u> "DV, START <u>1045</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	660
		HT <u>80</u> DEG F & REC <u>80</u> DEG F			
	24	WHEN S21 SETTLING COMPLETE, COUPLE DV			
		UNDERSURFACE IN 60-70 MIN RECORD:			
		START <u>115 PM</u> TOTAL MIN <u>70</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>8.0</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			

MAKING INSTRUCTIONS: BATCH UNIT

EQUIP MENT	PAGE 3 OF 3 CG 50 CODE YT-714-D (G)	USE LBS	N-CODE	ACCT LBS
CV	HEAT TO 174-126 DEG F IN 14-18 MIN			
7	STIR 20-25 MIN AT 114-126 DEG F. DURING			
CONT	STIR WASH DV TO SEWER.			
130	RUN IN V283 IN 20-25 MIN MAINTAIN 114-126 F			
131	STIR 5 MIN & RECORD: PH 8.1 (7.8-8.8)			
132	DUMP IN N-892-B SLURRY FROM S22	50		50
133	DUMP IN BARIUM SULFATE		65-A	
134	STIR 90 MIN AT 124-126 DEG F RECORD:			
	START 6:05 P.M.			
135	FLOOD TO 27			
136	STOP AGITATOR			
137	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 PM 282			
	3:00 PM 6:40 PM 37			
	Rec VAT 182 AT 1230 PM			
	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: _____			