



# HCC-404 Bleach Concentrate

For Processing Fujicolor CA and Process RA-4 Compatible Color Papers

## Catalog Number: 817867 (15 G Drum)

### DESCRIPTION

This Process RA-4 bleach is designed for use in processing equipment configured with separate bleach and fix tanks. HCC-404 Bleach Concentrate may be used to make a fresh replenisher, fresh working tank solution, or to regenerate HCC-404 bleach overflow.

### SAFE HANDLING INSTRUCTIONS

Please refer to Material Safety Data Sheets (MSDS) for specific chemical details. For emergencies, please contact CHEMTREC at 1-800-424-9300. You can obtain an MSDS by calling the Fuji Hunt Technical Hotline at 1-800-526-0851 Ext. 10.

### HMIS INFORMATION

Hazardous Materials Identification System. Please refer to Section 3 in the MSDS for further information.

	Concentrate	Replenisher	Working Tank
Health	1	1	1
Flammability	0	0	0
Reactivity	0	0	0
Personal Protection	C	C	C

### SPECS & RECOMMENDATIONS

Temperature	29° – 35° C 85° – 95° F
Processing Time	1'30"
Starting Replenishment Rate	129 ml / m <sup>2</sup> 12 ml / ft <sup>2</sup>

### SPECIFIC GRAVITY & pH

	pH @ 25° C	SpG @ 20° C	SpG @ 32° C
Regenerated Replenisher	5.00 ± 0.10	1.079 ± 0.005	1.072 ± 0.005
Fresh Tank	5.00 ± 0.10	1.052 ± 0.005	1.044 ± 0.005
Seasoned Tank	5.00 ± 0.20	1.056 ± 0.010	1.049 ± 0.010

### MIXING INSTRUCTIONS – FRESH REPLENISHER

R	Water 95° – 105° F (35° – 41° C)	Concentrate	Acetic Acid
60 Gallons	44.4 G	15 G – 1 Drum	0.6 G
1 Liter	740 ml	250 ml	10 ml
1 Gallon	94.7 oz	32 oz	1.3 oz

1 drum concentrate makes 60 gallons of fresh bleach replenisher

To Make 60 Gallons of Fresh Replenisher:

1. Start with 44.4 gallons of warm water.
2. Add 1 drum of concentrate. Mix 3 to 5 minutes.
3. Add 0.6 gallons of acetic acid. Mix 3 to 5 minutes or until uniform.

### MIXING INSTRUCTIONS – WORKING TANK

W	Warm Water	Bleach Replenisher	Acetic Acid
1 Liter	340 ml	660 ml	0.25 ml
1 Gallon	43.5 oz	84.5 oz	0.04 oz

1 drum of concentrate makes 330.4 gallons of fresh working tank bleach

### MIXING INSTRUCTIONS – REGENERATED REPLENISHER

REG	Bleach Overflow	Bleach Concentrate	Acetic Acid
150 Gallons	135 G	15 G – 1 Drum	Adjust pH to spec using acetic acid
1 Liter	900 ml	100 ml	
1 Gallon	115.2 oz	12.8 oz	

1 drum of concentrate makes 150 gallons of regenerated replenisher

To Make 150 Gallons of Regenerated Replenisher:

1. Start with 135 gallons of bleach overflow.
2. Add 1 drum of concentrate. Mix 3 to 5 minutes.
3. If necessary, adjust pH to specification.
4. If necessary, adjust specific gravity to specification.

### SHELF LIFE

	Concentrate	Fresh Repl.	Regen. Repl.	Working Tank
Time	U = 24 Months O = 8 Weeks	2 Weeks	1 Week	1 Week
Color	Clear, Reddish - Brown	Clear, Reddish - Brown	Clear, Reddish - Brown	Clear, Reddish - Brown
Odor	No Odor	No Odor	No Odor	No Odor

U = Unopened, O = Opened

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