



**CP RA P2 Bleach Fix Regenerator**  
For Processing Fujicolor CA and Process RA-4 Compatible Color Papers

**600005608 Part A and 600005609 Part B (84 G)**

**DESCRIPTION**

This product is designed to regenerate CP RA Bleach Fix overflow after electrolytic desilvering. CP RA Bleach Fix Regenerator is intended for use by large volume photofinishing laboratories.

**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 Fujifilm 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
	Pt. A	Pt. B		
Health	1	1	1	1
Flammability	0	0	0	0
Reactivity	0	0	0	0
Personal Protection	C	C	C	C

**SPECS & RECOMMENDATIONS**

Temperature	32° – 38° C 90° – 100° F
Processing Time	45"
Starting Replenishment Rate	215 ml / m <sup>2</sup> 20 ml / ft <sup>2</sup>

**SPECIFIC GRAVITY & pH**

	pH @ 25° C		SpG @ 20° C	SpG @ 35° C
	With Desilver Solution*	Without Desilver Solution*		
Regenerated Replenisher	5.80 ± 0.10	6.70 ± 0.25	1.125 ± 0.025	1.118 ± 0.025
Fresh Tank Use CP RA B/F Replenisher	5.80 ± 0.10	5.80 ± 0.10	1.073 ± 0.005	1.066 ± 0.005
Seasoned Tank	6.65 ± 0.25	7.55 ± 0.25	1.112 ± 0.030	1.105 ± 0.030

\* See Desilvering Solution (600005642) for details

**MIXING INSTRUCTIONS**

**REGENERATED REPLENISHER**

REG	Bleach Fix Overflow <sup>i</sup>	Water	Concentrate		Acetic Acid <sup>ii</sup>
			Part A	Part B	
84 Gallons	72.2 G	4.8 G	1 Cube (4.3 G)	1 Cube (1.6 G)	1.1 G Approx
1 Liter	860 ml	57 ml	51 ml	19 ml	13 ml*
1 Gallon	110.1 oz	7.3 oz	6.5 oz	2.4 oz	1.7 oz

\*90% Acetic Acid

It may be necessary to add Desilvering Solution to bleach fix overflow prior to electrolytic desilvering. Refer to TB 600005642 for additional details.

- i. Bleach fix overflow should be electrolytically desilvered down to between 0.5 and 1.5 g/l of silver prior to regenerating the overflow.
- ii. Check the pH of the bleach fix before adding acetic acid. pH adjustment may not be necessary.

To Make 84 Gallons of Regenerated Replenisher:

1. Start with 72 gallons of desilvered bleach fix overflow.
2. Add 4.8 gallons of warm water. Mix 2 to 3 minutes.
3. Add 1 cube of Part A. Rinse cube with small volume of water and add to mix tank. Mix 2 to 3 minutes.
4. Add 1 cube of Part B. Rinse cube with small volume of water and add to mix tank. Mix 2 to 3 minutes.
5. Adjust the pH of the bleach fix to specification using acetic acid (begin with approximately 1.11 gallons).
6. Check the specific gravity of the bleach fix. Adjust to specification if necessary.

**MIXING INSTRUCTIONS – WORKING TANK**

<b>W</b>	Use CP RA Bleach Fix Replenisher (See page 2 on how to use Regeneration Concentrates as Replenisher)
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**SHELF LIFE**

	Concentrate		Regen. Repl.	Working Tank
	Part A	Part B		
Time	U = 18 Months O = 16 Weeks	U = 24 Months O = 16 Weeks	4 Weeks	2 Weeks
Color	Clear, Colorless	Clear, Reddish-Brown	Clear, Reddish-Brown	Clear, Reddish-Brown
Odor	Slight Ammonia	Mild Ammonia	No Odor	No Odor

U = Unopened, O = Opened

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**TO MAKE REPLENISHER FROM  
REGENERATION CONCENTRATES**

**(Cat # 600005608 & 600005609)**

**REPLENISHER**

	Water	Concentrate		Acetic Acid
		Part A	Part B	
<b>1 Liter</b>	768 ml	150 ml	75 ml	7 ml*
<b>1 Gallon</b>	98.3 oz	19.2 oz	9.6 oz	0.9 oz

**\*90% Acetic Acid**

**1 CUBE PART A WILL MAKE 29 GALS REPLENISHER**

**1 CUBE PART B WILL MAKE 21 GALS REPLENISHER**