



CN16RA NEGACOLOR N3-R Fixer & Replenisher

For Processing C-41 and Compatible Color Negative Films

Catalog Number: 600005454 (4 x 10 L)

DESCRIPTION

This product is a fixer designed for use in minilab processing equipment configured for Process C-41RA. NEGACOLOR™ RA Fixer & Replenisher must be used with NEGACOLOR™ RA Bleach Replenisher (822428).

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
Health	1	1
Flammability	0	0
Reactivity	0	0
Personal Protection	C	C

SPECS & RECOMMENDATIONS

Temperature	35° – 41° C 95° – 105° F	
Processing Time	1'30" to 2'00"	
Starting Replenishment Rate	135-24	APS-25
	35 ml/roll 32 ml/m	24 ml/roll 22 ml/m

SPECIFIC GRAVITY & pH

	pH @ 25° C	SpG @ 20° C	SpG @ 37.8° C
Replenisher Tank	7.10 ± 0.20	1.069 ± 0.005	1.062 ± 0.005
Fresh Tank	7.10 ± 0.20	1.069 ± 0.005	1.062 ± 0.003
Seasoned Tank 1	6.75 ± 0.25	1.085 ± 0.015	1.077 ± 0.015
Seasoned Tank 2	6.75 ± 0.25	1.078 ± 0.015	1.070 ± 0.015

MIXING INSTRUCTIONS – REPLENISHER

R	Water 95° – 105° F (35° – 41° C)	Concentrate
10 Liters	7.5 L	2.5 L 1 bottle
1 Liter	750 ml	250 ml
1 Gallon	96 oz	32 oz

To Make 10 Liters of Replenisher:

1. Start with 7 liters of warm water.
2. Add 1 bottle concentrate. Rinse bottle with 500 ml of water and add contents to mix tank. Mix using 20 strokes or until uniform.

MIXING INSTRUCTIONS – WORKING TANK

W	Water 95° – 105° F (35° – 41° C)	Concentrate
1 Liter	750 ml	250 ml
1 Gallon	96 oz	32 oz
Tank Volume		
YOUR TANK		

To calculate the amount of water and fixer concentrate that you will need, multiply your tank volume by each of the numbers listed, in either liters or gallons. For example, if you have a 10 liter tank, 10x500 = 5 liters of water and 10x500 = 5 liters of concentrate.

$$1000 \text{ ml} = 1 \text{ liter} \quad 128 \text{ oz} = 1 \text{ gallon}$$

SHELF LIFE

	Concentrate	Replenisher	Working Tank
Time	U = 18 Months O = 8 Weeks	4 Weeks	1 Week
Color	Clear, Colorless	Clear, Colorless	Clear, Colorless
Odor	Slight Vinegar	Slight Vinegar	Slight Vinegar

U = Unopened, O = Opened

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