



NEGACOLOR™ LR Developer Replenisher

For Processing C-41 and Compatible Color Negative Films

Catalog Numbers: 600005149 (50 G)

DESCRIPTION

This product is a low replenishment rate Process C-41 film developer. The product is intended for use in all C-41 film processors having average to high processing volumes.

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
	A	B	C		
Health	3	2	3	1	1
Flammability	0	0	0	0	0
Reactivity	0	1	0	0	0
Personal Protection	C	C	C	C	C

SPECS & RECOMMENDATIONS

Temperature	37.8° ± 0.14° C 100° ± 0.25° F	
Processing Time	3'15"	
Starting Replenishment Rate	135-24	APS-25
	20 ml/roll	11.1 ml/roll
	18 ml/m	10.2 ml/m

SPECIFIC GRAVITY & pH

	pH @ 25° C	SpG @ 20° C	SpG @ 37.8° C
Replenisher Tank	10.17 ± 0.05	1.038 ± 0.003	1.035 ± 0.003
Fresh Tank	10.07 ± 0.05	1.037 ± 0.003	1.031 ± 0.003
Seasoned Tank	10.02 ± 0.05	1.041 ± 0.005	1.035 ± 0.005

MIXING INSTRUCTIONS – REPLENISHER

R	Water 95° – 105° F (35° – 41° C)	Concentrate		
		Part A	Part B	Part C
50 Gallons	44.9 G	4.0 G 1 Cube	70.4 oz 1 Bottle	70.4 oz 1 Bottle
1 Liter	898 ml	80 ml	11 ml	11 ml
1 Gallon	114.9 oz	10.2 oz	1.4 oz	1.4 oz

To Mix 50 Gallons of Replenisher:

1. Start with 43.5 gallons of warm water.
2. Add 1 cube Part A. Rinse cube with a small volume of water and add contents to the mix tank. Mix 3 - 5 minutes.
3. Add 1 bottle Part B. Rinse bottle with a small volume of water and add contents to the mix tank. Mix 3 - 5 minutes.
4. Add 1 bottle Part C. Rinse bottle with a small volume of water and add contents to the mix tank. Mix 3 - 5 minutes or until uniform.

MIXING INSTRUCTIONS – WORKING TANK

W	Warm Water	Developer Starter (816468 or 816469)	Developer Replenisher
1 Liter	225 ml	25 ml	750 ml
1 Gallon	28.8 oz	3.2 oz	96 oz
Tank Volume			
YOUR TANK			

To calculate the amount of water, developer starter and developer replenisher 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 100 liter tank, 100x225 ml = 22.5 liters of water, 100x25 ml = 2.50 liters of developer starter and 100x750 ml = 75 liters of developer replenisher.

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

SHELF LIFE

	Concentrate			Repl.	Working Tank
	Part A	Part B	Part C		
Time	U = 24 Months O = 8 Weeks	U = 18 Months O = 8 Weeks	U = 18 Months O = 4 Weeks	4 Weeks	2 Weeks
Color	Clear, Colorless	Clear, Colorless	Clear, Amber	Clear, Pale Straw	Clear, Pale Straw
Odor	No Odor	No Odor	Sulfur	No Odor	No Odor

U = Unopened, O = Opened

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Fujifilm Hunt Chemicals, Inc.
40 Boroline Road
Allendale, New Jersey 07401

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Technical Hotline
1-800-526-0851 Ext. 10