



NEGACOLOR™ VLR Developer Replenisher

For Processing C-41 and Compatible Color Negative Films

Catalog Numbers: 600005618 (30G)

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 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
	15 ml/roll	8.3 ml/roll
	13.5 ml/m 4.2 ml/ft	7.5 ml/m 2.3 ml/ft

SPECIFIC GRAVITY & pH

	pH @ 25° C	SpG @ 20° C	SpG @ 37.8° C
Replenisher Tank	10.25 ± 0.05	1.038 ± 0.003	1.035 ± 0.003
Fresh Tank	10.05 ± 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
1 Liter	900 ml	75 ml	12.8 ml	12.2 ml
1 Gallon	115.3 oz	9.6 oz	1.6 oz	1.5 oz

To Mix 10 Liters of Replenisher:

1. Start with 9 Liters of warm water.
2. Add 750 mls Part A. Mix 3 - 5 minutes.
3. Add 128 mls Part B. Mix 3 - 5 minutes.
4. Add 122 mls Part C. Mix 3 - 5 minutes or until uniform.

MIXING INSTRUCTIONS – WORKING TANK

W	Warm Water	Developer Starter (816468 or 816469)	Developer Replenisher
1 Liter	285 ml	35 ml	680 ml
1 Gallon	37 oz	4 oz	87 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, 100x285 ml = 28.5 liters of water, 100x35 ml = 3.50 liters of developer starter and 100x680 ml = 68 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

The data contained in this photographic bulletin is believed to be true and accurate, but is offered solely for your consideration, investigation, and verification. Nothing herein shall be construed to be a warranty or guarantee by either FUJIFILM Hunt Chemicals, Inc. or any of its affiliates, and all such warranties, implied or otherwise, including any implied warranty of merchantability, are hereby expressly disclaimed. You, of course, are fully responsible for any use and / or domestic or foreign sale of the product(s) described, and nothing in this photographic bulletin shall be construed to constitute permission or a recommendation to practice any invention covered by patent or patent application or know-how owned by FUJI HUNT, its affiliates, or others.

Bulletin Number: TB818595/818596/818597

Effective: January 2010:

Replaces bulletin Dated: August 2004

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

FUJIFILM

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