

**FUJIFILM**
**PRODUCT INFORMATION BULLETIN**

Universal C-41 &amp; Pro6 Fixer Replenisher # 600005467

**Universal C-41 & Pro6 Fixer Replenisher**
**FEATURES & USES**

Fujifilm's Universal C-41 & Pro6 Fixer Replenisher is designed specifically for processing all types of color negative films compatible with process C-41 and color reversal films compatible with Process E-6.

Please refer to the mixing instructions specific to each process.

**OPERATING SPECIFICATIONS**
**FOR PROCESS C-41**

Temperature	35° - 41° C (95° - 105° F)	
Processing Time	4'20" to 6'30"	
Starting Replenishment Rate <small>(rate/roll)</small>	Cine	33 ml/roll
	R&T	48 ml/roll

**FOR PROCESS E-6**

Temperature	33° - 39° C (92° - 103° F)	
Processing Time	4'00" Spec (6'00" Max.)	
Starting Replenishment Rate	per ft <sup>2</sup>	100 ml
	per m <sup>2</sup>	1076 ml
	per roll 135-24	42 ml
	per roll 120	54.7 ml
	per roll 220	109 ml
	per 4x5	13.9 ml

**HEALTH & SAFETY**

Please refer to Material Safety Data Sheets (MSDS) for specific chemical details. For emergencies, please contact CHEMTREC at 1-800-424-9300. Material Safety Data Sheets may be downloaded from <http://msds.arielresearch.com/fujifilmsdsweb/>, from Fujifilm's web site or by calling Fujifilm's Chemical Technical Support Hotline at 1-800-526-0851, ext. 10.

**PH & SPECIFIC GRAVITY SPECIFICATIONS**
**FOR PROCESS C-41**

<b>N3</b>	<b>pH @ 25° C</b>	<b>SpG @ 20° C</b>	<b>SpG @ 38° C</b>
N3-R Replenisher	6.40 ± 0.20	1.082 ± 0.010	1.075 ± 0.010
N3 Fresh Tank	6.40 ± 0.20	1.082 ± 0.010	1.075 ± 0.010
N3-1 Seasoned Tank	6.65 ± 0.20	1.084 ± 0.025	1.077 ± 0.025

**FOR PROCESS E-6**

<b>Pro6</b>	<b>pH @ 25° C</b>	<b>SpG @ 25° C</b>	<b>SpG @ 37.8° C</b>
Replenisher Tank	6.40 ± 0.20	1.037 ± 0.010	1.033 ± 0.010
Fresh Tank	6.40 ± 0.20	1.037 ± 0.010	1.033 ± 0.010
Seasoned Tank	6.45 ± 0.20	1.077 ± 0.025	1.010 ± 0.010

**PHYSICAL INFORMATION**

	<b>Concentrate</b>	<b>Replenisher</b>	<b>Working Tank</b>
	N3-R	N3-R	N3
Shelf Life Time	U = 18 Mo. O = 8 Wks	4 weeks	1 Week
Color	Clear, Colorless	Clear, Pale Yellow	Clear, Pale Yellow
Odor	Slight Sulfur	Slight Sulfur	Slight Sulfur

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# FUJIFILM

## PRODUCT INFORMATION BULLETIN

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#### CHEMICAL MIXING INFORMATION

#### FOR PROCESS C-41

#### REPLENISHER

<b>N3-R</b>	<b>Water</b> 95° - 105° F (35° - 41° C)	<b>Concentrate</b>
25 Gallon	20.0 G	5.0 G (1 Cube)
1 Liter	800 ml	200 ml
1 Gallon	102.4 oz	25.6 oz

To Make 25 Gallons of Replenisher:

1. Start with 20 gallons of warm water.
2. Add 1 cube concentrate. Rinse cube with small amount of water and add contents to mix tank. Mix using 3-5 minutes or until uniform.

#### WORKING TANK SOLUTION

<b>N3</b>	<b>Water</b> 95° - 105° F (35° - 41° C)	<b>Concentrate</b>
1 Liter	800 ml	200 ml
1 Gallon	102.4 oz	25.6 oz

#### FOR PROCESS E-6

#### REPLENISHER

<b>Pro6</b>	<b>Water</b> 68° - 86° F (20° - 30° C)	<b>Concentrate</b>
50 Gallons	45.0 G	5.0 G (1 cube)
1 Liter	900 ml	100 ml
1 Gallon	115.2 oz	12.8 oz

To Make 50 Gallons of Replenisher:

1. Start with 45 gallons of warm water.
2. Add 1 cube of concentrate. Rinse cube with a small volume of water and add contents to mix tank. Mix 3-5 minutes or until uniform.

#### WORKING TANK SOLUTION

<b>Pro6</b>	<b>Water</b> 68° - 86° F (20° - 30° C)	<b>Concentrate</b>
1 Liter	900 ml	100 ml
1 Gallon	115.2 oz	12.8 oz