



## CN16 NEGACOLOR™ N3-R Fixer & Replenisher

For Processing C-41 and Compatible Color Negative Films

**Catalog Number: 600005468 (4 x 10 L)**

### DESCRIPTION

This product is a fixer designed for use in all processing equipment configured for Process C-41 or C-41B.

### 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<br>95° – 105° F                   |                           |
| Processing Time             | C-41 = 4'20" – 6'30"<br>C-41B = 4'00" – 4'20" |                           |
| Starting Replenishment Rate | 135-24  | APS-25                    |
|                             | 33 ml/roll<br>30 ml/m                         | 22.4 ml/roll<br>20.4 ml/m |

### SPECIFIC GRAVITY & pH

|                  | pH @ 25° C  | SpG @ 20° C   | SpG @ 37.8° C |
|------------------|-------------|---------------|---------------|
| Replenisher Tank | 6.40 ± 0.20 | 1.082 ± 0.010 | 1.075 ± 0.010 |
| Fresh Tank       | 6.40 ± 0.20 | 1.082 ± 0.010 | 1.075 ± 0.010 |
| Seasoned Tank    | 6.65 ± 0.20 | 1.084 ± 0.025 | 1.077 ± 0.025 |

### MIXING INSTRUCTIONS – REPLENISHER

| R         | Water<br>95° – 105° F<br>(35° – 41° C) | Concentrate       |
|-----------|--|-------------------|
| 10 Liters | 8.0 L                                  | 2.0 L<br>1 Bottle |
| 1 Liter   | 800 ml                                 | 200 ml            |
| 1 Gallon  | 102.4 oz                               | 25.6 oz           |

To Make 10 Liters of Replenisher:

1. Start with 7.75 liters of warm water
2. Add 1 bottle concentrate. Rinse bottle with 250 ml of water and add contents to mix tank. Mix using 20 strokes or until uniform.

### MIXING INSTRUCTIONS – WORKING TANK

| W           | Water<br>95° – 105° F<br>(35° – 41° C) | Concentrate |
|-------------|--|-------------|
| 1 Liter     | 800 ml                                 | 200 ml      |
| 1 Gallon    | 102.4 oz                               | 25.6 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, 10x800 ml = 8 liters of water and 10x200 ml = 2 liters of fixer concentrate.

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

### SHELF LIFE

|       | Concentrate                  | Replenisher           | Working Tank          |
|-------|------------------------------|-----------------------|-----------------------|
| Time  | U = 18 Months<br>O = 8 Weeks | 4 Weeks               | 1 Week                |
| Color | Clear, Colorless             | Clear,<br>Pale Yellow | Clear,<br>Pale Yellow |
| Odor  | Slight Sulfur                | Slight Sulfur         | Slight Sulfur         |

U = Unopened, O = Opened

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