



## NEGACOLOR™ Developer Replenisher

For Processing C-41 and Compatible Color Negative Films

### Catalog Number: 600005135 (2 x 10 L)

#### DESCRIPTION

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

#### HMS INFORMATION

Hazardous Materials Identification System. Please refer to Section 3 in the MSDS for further information.

|                     | Concentrate |   |   | Replenisher | Working Tank |
|---------------------|-------------|---|---|-------------|--------------|
|                     | A           | B | C |             |              |
| Health              | 1           | 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<br>100° ± 0.25° F |                           |
| Processing Time             | 3'15"                             |                           |
| Starting Replenishment Rate | 135-24                            | APS-25                    |
|                             | 40 ml/roll<br>36 ml/m             | 22.2 ml/roll<br>20.4 ml/m |

#### SPECIFIC GRAVITY & pH

|                  | pH @ 25° C   | SpG @ 20° C   | SpG @ 37.8° C |
|------------------|--------------|---------------|---------------|
| Replenisher Tank | 10.13 ± 0.05 | 1.036 ± 0.003 | 1.030 ± 0.003 |
| Fresh Tank       | 10.05 ± 0.05 | 1.034 ± 0.003 | 1.028 ± 0.003 |
| Seasoned Tank    | 10.07 ± 0.05 | 1.039 ± 0.005 | 1.033 ± 0.005 |

#### MIXING INSTRUCTIONS - REPLENISHER

| R         | Water<br>95° - 105° F<br>(35° - 41° C) | Concentrate        |                    |                    |
|-----------|--|--------------------|--------------------|--------------------|
|           |  | Part A             | Part B             | Part C             |
| 10 Liters | 9.0 L                                  | 800 ml<br>1 Bottle | 100 ml<br>1 Bottle | 100 ml<br>1 Bottle |
| 1 Liter   | 900 ml                                 | 80 ml              | 10 ml              | 10 ml              |
| 1 Gallon  | 115.2 oz                               | 10.24 oz           | 1.28 oz            | 1.28 oz            |

To Mix 10 Liters of Replenisher:

1. Start with 9.0 Liters of warm water.
2. Add 1 bottle Part A. Rinse bottle with 800 ml of water and add to mix tank. Mix using 20 strokes.
3. Add 1 bottle Part B. Rinse bottle with 100 ml of water and add to mix tank. Mix using 20 strokes.
4. Add 1 bottle Part C. Rinse bottle with 100 ml of water and add to mix tank. Mix using 20 strokes or until uniform.

#### MIXING INSTRUCTIONS - WORKING TANK

| W           | Warm Water | Developer Starter (816468 or 816469) | Developer Replenisher |
|-------------|------------|--------------------------------------|-----------------------|
| 1 Liter     | 137.5 ml   | 12.5 ml                              | 850 ml                |
| 1 Gallon    | 17.6 oz    | 1.6 oz                               | 108.8 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 10 liter tank, 10x137.5 ml = 1.375 liters of water, 10x12.5 ml = 125 ml of developer starter, and 10x850 ml = 8.5 liters of developer replenisher.

1000 ml = 1 liter 128 oz = 1 gallon

#### SHELF LIFE

|       | Concentrate                  |                              |                              | Repl.              | Working Tank       |
|-------|------------------------------|------------------------------|------------------------------|--------------------|--------------------|
|       | Part A                       | Part B                       | Part C                       |                    |                    |
| Time  | U = 18 Months<br>O = 8 Weeks | U = 18 Months<br>O = 8 Weeks | U = 18 Months<br>O = 4 Weeks | 4 Weeks            | 2 Weeks            |
| Color | Clear, Colorless             | Clear, Colorless             | Clear, Amber                 | Clear, Pale Yellow | Clear, Pale Yellow |
| Odor  | No Odor                      | No Odor                      | Sulfur Dioxide               | Slight Amine       | Slight Amine       |

U = Unopened, O = Opened

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