



## C-41 Film Chemicals: For minilabs

### Rapid Process MYDONEG SP 100 DEVELOPER/REPLENISHER

is a single part, high stability developer concentrate designed for standard and rapid process systems with low utilisation. With a replenishment rate of  $50 \pm$  mls/roll 135-24 (100 ASA) this product can be used as a drop in replacement for similar chemical systems. The advantages of using Mydoneg SP 100 Developer/Replenisher is clear, less down time, clean working and improved stability.

#### N1 Mydoneg SP 100 Developer/Replenisher:

- For processing low volumes of color negative film in all color film processors
- Stable with low to medium workload conditions
- Compatible with similar chemical systems
- Replenishment rate of 50mls/roll of 135/24

#### N2 Mydoneg AIR RA Bleach Replenisher:

- This rapid process bleach is designed for minilabs with a 50 second or longer bleach time
- Replenishment rate of 5mls/roll of 135/24
- It has no acetic acid (no vinegar smell)

#### N3 Mydoneg RA Fixer Replenisher:

- Designed for a Rapid Access (RA) environment
- Companion product to Mydoneg AIR RA Bleach Replenisher
- Easy to mix concentrate comes in a convenient 2L size for C41RA application

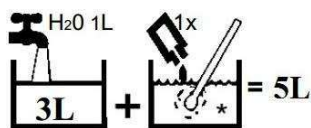
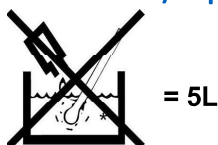
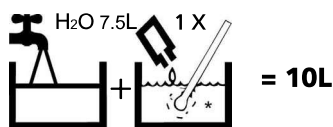
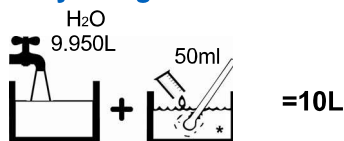
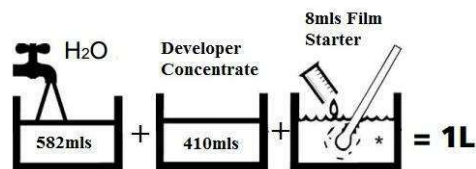
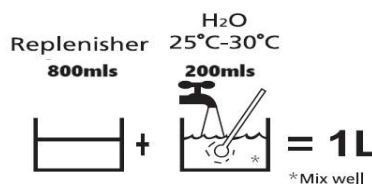
#### N4 Mydoneg Plus Stabilizer Replenisher:

- Works well with many systems of C-41 chemistry in a wide variety of minilab applications

|             |                                          |          |        |
|-------------|------------------------------------------|----------|--------|
| <b>N1</b>   | Mydoneg SP 100 Developer/Replenisher     | 4x5L     | 140116 |
| <b>N2</b>   | Mydoneg Universal AIR Bleach Replenisher | 4x2L     | 140335 |
| <b>N3</b>   | Mydoneg RA Fixer Replenisher             | 2x10L    | 140208 |
| <b>N4</b>   | Mydoneg Plus Stabilizer Replenisher      | 2x200L   | 140625 |
| <b>N1-S</b> | C41 Universal Film Developer Starter     | Variable | 140302 |

**Replenisher Solutions**

\* Mix Well

**N1 – Mydoneg SP 100 Developer/Replenisher****N2 – Mydoneg Universal Air Bleach/Replenisher**Ready-to-use.  
Do not dilute.**N3 – Mydoneg RA Fixer Replenisher (C41-RA)****N4 – Mydoneg Plus Stabilizer Replenisher****Working solutions****N1 – Mydoneg SP 100 Developer/Repl.****N2 – Mydoneg Universal Air Bleach/Repl**

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For **N3, Mydoneg RA Fixer Replenisher** and **N4, Mydoneg Plus Stabilizer Replenisher**, preparation of the working solution is same as the Replenisher

**PROCESS SPECIFICATIONS**

\*recommended starting point

| Step      | Processing Stage                     | Processing Time (Sec) | Recommended Temperature °C | Replenisher Rate (ml/roll 135-24) | Preparation of Working Solution (1L)                        |
|-----------|--------------------------------------|-----------------------|----------------------------|-----------------------------------|-------------------------------------------------------------|
| <b>N1</b> | Mydoneg SP 100 Developer/Replenisher | 195                   | 38.0 ± 0.3                 | 50                                | (1)582ml Water<br>(2)410ml Developer Conc<br>(3)8ml Starter |
| <b>N2</b> | Mydoneg Universal Air RA Bleach Repl | 50                    | 38.0 ± 3.0                 | 5                                 | (1) 800mls Replenisher<br>(2) 200mls Water                  |
| <b>N3</b> | Mydoneg RA Fixer Repl. (C41-RA)      | 90                    | 38.0 ± 3.0                 | 33                                | Same as Replenisher                                         |
| <b>N4</b> | Mydoneg Plus Stabilizer Repl.        | 60                    | 38.0 ± 3.0                 | 33                                | Same as Replenisher                                         |

**CHEMISTRY SPECIFICATIONS**

|          | <b>N1 Mydoneg SP<br/>100 Dev &amp; Repl</b> |                 | <b>N2 Mydoneg AIR<br/>RA Bleach Repl</b> |                 | <b>N3 Mydoneg<br/>RA Fixer Repl<br/>(C41-RA)</b> |                 | <b>N4 Mydoneg<br/>Plus Stabilizer Repl</b> |                 |
|----------|---------------------------------------------|-----------------|------------------------------------------|-----------------|--------------------------------------------------|-----------------|--------------------------------------------|-----------------|
|          | Seasoned<br>Tank                            | Repl<br>Tank    | Seasoned<br>Tank                         | Repl<br>Tank    | Seasoned<br>Tank                                 | Repl<br>Tank    | Seasoned<br>Tank                           | Repl<br>Tank    |
| pH       | 10.30 ±<br>0.10                             | 10.40±<br>0.05  | 4.50±<br>0.20                            | 3.75±<br>0.05   | 7.25±<br>0.20                                    | 7.47±<br>0.20   | 7.50±<br>0.20                              | 7.40±<br>0.20   |
| Sp<br>Gr | 1.034 ±<br>0.010                            | 1.037±<br>0.010 | 1.132±<br>0.020                          | 1.149±<br>0.006 | 1.109±<br>0.010                                  | 1.099±<br>0.010 | 1.005±<br>0.005                            | 1.005±<br>0.005 |

**STORAGE OF CHEMICALS:**▪ **Concentrates**

*Processing concentrates have a storage life of upto 24 months, when held in unopened containers under steady temperature conditions 13°-25°C (56°F - 77 °F). Higher temperatures may result in accelerated chemical reactions and cause deterioration of the concentrate. Temperatures lower than 5°C (41.5°F) should be avoided as some crystallization may occur in concentrates.*

▪ **Working Solutions and Replenishers**

*Machine tank solutions should not be allowed to stand unused for more than one week, or the activity will be reduced by aerial oxidation. No more than one week's supply of any of the replenisher solutions should be made up at a time. Replenisher solutions should be kept covered with lids to reduce evaporation, oxidation and contamination.*

▪ **Safe Use of Processing Chemicals**

*All chemicals should be kept out of reach of children. Refer to labels on the box and to the Material Safety Data Sheet for precautionary information. Protective clothing, including gloves and face/eye protection should always be worn when handling chemicals.*

*Contact our Service Plus Department or your local representative to determine which combination of chemicals is best suited for you.*

**WARRANTY:** Seller, Champion Photochemistry, expressly disclaims any and all warranties, express or implied, including any warranties of merchantability or fitness. Seller's sole obligation for defect is to replace the defective product. In no event shall seller have any liability for incidental or consequential damages.

**Manufactured By:****CHAMPION PHOTOCHEMISTRY**

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