

C-41 Film Chemicals : For minilabs



Rapid Process

MYDONEG 100 DEVELOPER/REPLENISHER is a three parts, high stability developer designed for standard and rapid process systems with low utilisation. With a replenishment rate of 40mls/roll 135-24 (100 ASA) this product can be used as a drop in replacement for similar chemical systems. The advantages of using Mydoneg 100 Developer/Replenisher is clear, less down time, clean working and improved stability.

N1 Mydoneg 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 40mls/roll of 135/24

N2 Mydoneg Universal Air Bleach Replenisher

- This rapid process bleach is designed for minilabs with a 50 second or longer bleach time.
- Variable Replenishment Rate.
- It has no acetic acid (no vinegar smell)

N3 Mydoneg Universal RA Fixer Replenisher

- Designed for a Rapid Access (RA) environment.
- Variable Replenishment Rate.
- Companion product to Mydoneg Universal AIR 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 minilabs applications.

N1	Mydoneg 100 Developer/Replenisher	4x10L	140158
N2	Mydoneg Universal Air Bleach Replenisher	Variable	140335
N3	Mydoneg Universal RA Fixer Replenisher	Variable	140208
N4	Mydoneg Plus Stabilizer Replenisher	2x200L	140625
N1-S	C41 Universal Film Starter	Variable	140302



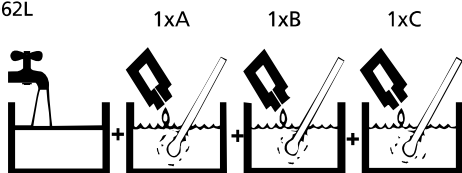
Preparation: Standard or Rapid Process

Replenisher Solutions

*Mix Well

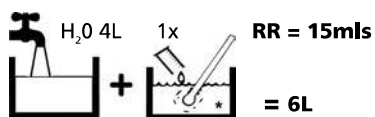
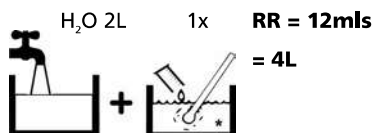
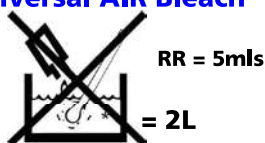
N1 – Mydoneg100 Developer/Replenisher

H₂O 25-30°C
9.062L

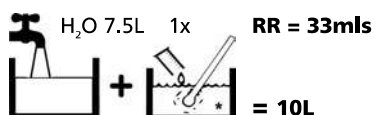


**N2 – Mydoneg Universal AIR Bleach
Replenisher**

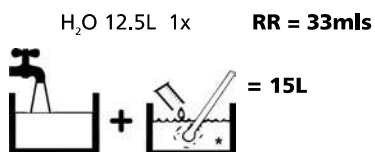
**Ready-to-use.
Do not dilute.**



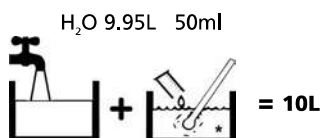
N3 – Mydoneg Universal RA Fixer Repl. (C41-RA)



C41B

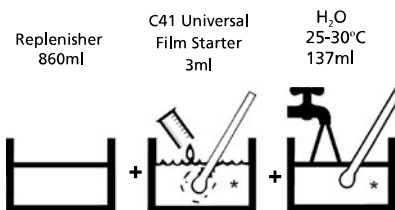


N4 Mydoneg Plus Stabilizer Replenisher

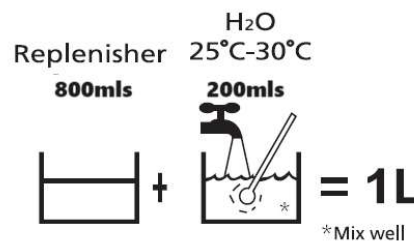


Working solutions

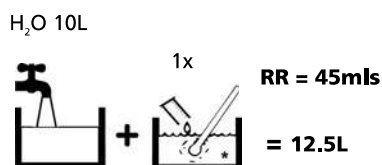
N1 – Mydoneg 100 Developer/Repl.



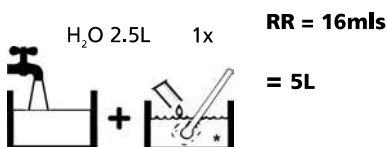
N2 – Mydoneg Universal AIR Bleach Replenisher



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



CN16FA



**C-41 Film Chemicals
For minilabs.**



Standard or Rapid Process

Processing Specification

Step	Processing Stage	Processing Time (Sec)	Recommended Temperature C	Replenishment Rate (ml/roll 135/24)	Preparation of working Solution (1L)
N1	Mydoneg 100 Developer/Replenisher	195	38.0+/-0.3	40 mls	1. 137mls Water 2. 3mls C41 Universal Film Starter 3. 860mls Replenisher
N2	Mydoneg Universal AIR Bleach Replenisher	50	38.0+/-0.3	RTU = 5mls 1+1 = 12mls 1+2 = 15mls	1. 800mls Replenisher 2. 200mls water
N3	Mydoneg Universal RA Fixer Replenisher (C41-RA)	90	38.0+/-0.3	1+3 RA = 33mls 1+4 RA = 45mls 1+5 C41B = 33mls 1+1 CN16FA = 16mls	Same as 1+3 Replenisher mix.
N4	Mydoneg Plus Stabiliser	60	38.0+/-0.3	33mls	Same as Replenisher

Chemistry Specifications

	N1 Mydoneg 100 Dev & Repl		N2 Mydoneg Universal AIR Bleach Repl		N3 Mydoneg Universal RA Fixer Repl (C41-RA)		N4 Mydoneg Plus Stabilizer Repl	
	Seasoned Tank	Repl Tank	Seasoned Tank	Repl Tank	Seasoned Tank	Repl Tank	Seasoned Tank	Repl Tank
pH	10.15± 0.10	10.40± 0.05	4.50± 0.20	3.75± 0.05	7.25± 0.20	7.47± 0.20	7.50± 0.20	7.40± 0.20
Sp Gr	1.040± 0.010	1.039± 0.010	1.132± 0.020	1.132± 0.006	1.109± 0.010	1.099± 0.010	1.005± 0.005	1.005± 0.005

Storage of Chemicals:

- **Concentrates** – Processing concentrates have a normal storage life of upto 24 months, when held in unopened containers under steady temperature conditions 13°C-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 crystallisation 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.
- **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.

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

Lot 28-B Mukim Batu Industrial Area, 6½ Miles Jalan Kepong 52000 Kuala Lumpur, Malaysia
Tel: (603) 6257-2600 Fax: (603) 6257-2622
Website: www.championdigitalinks.com/products/photochemistry-product-support/465