



## C-41 Single Part Film Chemicals: For Minilabs

### Standard or Rapid Process

#### MYDONEG SP-ULR DEVELOPER REPLENISHER

Clear, odourless, homogeneous single part developer, replenisher, designed for standard and rapid processing of all C41 compatible colour negative films. With a replenishment rate of 15-17mls/roll 135-24 (ISO100) film the MYDONEG SP-ULR can be employed as a replacement for any C41 developer by simple adjustment of the replenishment rate setting.

The advantages of single part technology are clear - Mixing is simplified, with less chances of error, while packaging waste is reduced.



#### N1 Mydoneg SP-ULR Developer Replenisher:

- For processing all C41 compatible colour negative films in all types of minilab equipment.
- Miscible with all C41 developers.
- Replenishment rate of 15-17mls/roll of 135-24 (ISO100)
- Odourless

#### N2 Mydoneg AIR RA Bleach Replenisher:

- This rapid process bleach is designed for minilabs with a 45 second or longer bleach time
- Replenishment rate of 5mls/roll of 135-24
- Odourless

#### N2 Mydoneg AIR Bleach III NR Replenisher:

- Low replenishment rate of 5mls/roll of 135-24 and low sewer effluent of only 5mls/roll of 135-24
- Odourless

#### N3 Mydoneg SA Fixer Replenisher:

- Designed for Rapid Access (RA) applications
- Companion product to Mydoneg Air RA Bleach
- Easy to mix concentrate comes in a convenient 10L size for C41RA application

#### N3 Mydoneg RA Fixer Replenisher:

- Designed for Rapid Access (RA) applications
- Companion product to Mydoneg Air RA Bleach
- Easy to mix concentrate comes in a convenient 10L size for C41RA application or as 5L Ready-to-use (RTU) for Fuji CN16FA/L processors

#### N4 Mydoneg Stabiliser - Rinse

- For C41/C41B/C41RA & Fuji CN16Q applications

N1	Mydoneg SP-ULR Developer Replenisher	2x10L	140172
N2	Mydoneg Air Bleach III NR Replenisher	2x5L	140340
N2	Mydoneg Air RA Bleach Replenisher	2x5L	140341
N3	Mydoneg RA Fixer Replenisher	2x10L	140206
N3	Mydoneg SA Fixer Replenisher	2x10L	140211
N4	Mydoneg Stabiliser Rinse Replenisher	2x10x10L	140619
N1-S	Mydoneg Developer Starter	1L	140404
N2-S	Mydoneg Bleach III NR/RA Starter	1L	140337
	Profile C-41 Process Control Strips	20	141501

# Preparation: Standard or Rapid Process

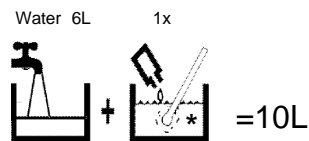
C-41 Film Chemicals:  
for minilabs



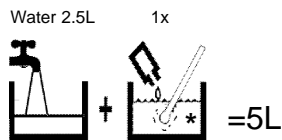
Replenisher Solutions

\*Mix well

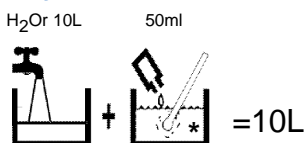
## N1 - Mydoneg SP-ULR Developer Replenisher



## N2 - Mydoneg Air Bleach III NR Replenisher

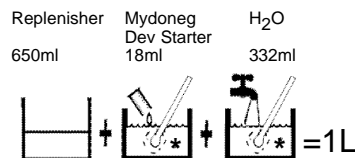


## N4 - Mydoneg Stabiliser Rinse & Replenisher



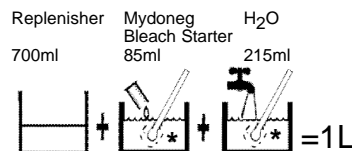
### Tank Solutions

#### N1- Mydoneg SP-ULR Developer



#### N2 - Mydoneg Air Bleach III NR

Standard C41 & C41B Machines



For N4, Mydoneg Stabilizer - Rinse Replenisher, preparation of the tank solution is the same as for the Replenisher

## PROCESS SPECIFICATIONS

### 1. C41 Standard, C41B

Step	Processing Stage	Recommended Temperature °C	Processing Time (Sec)	Replenishment Rate*(ml/roll of 135/24)	Preparation of Tank Solution (1L)
N1	Mydoneg SP-ULR Developer	38±0.3°	195	15 - 17	1) 650ml Replenisher 2) 332ml water 3) 18ml Starter
N2	Mydoneg Air Bleach III NR	38.0±3.0°	180 (C41B) 310±50 (C41)	5	1) 700ml Replenisher 2) 215ml water 3) 85ml Starter

\*recommended starting point

## CHEMISTRY SPECIFICATIONS

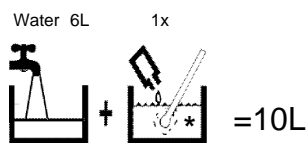
	N1 Mydoneg SP-ULR Developer		N2 Mydoneg Air Bleach III NR		N2 Mydoneg Plus Bleach Replenisher		N3 Bleach-Fix (Fuji CN16Q)		N3 Mydoneg Plus Fix (Standard)		N4 Mydoneg Stabiliser Rinse	
	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank
pH	10.15 ±0.05	10.50 ±0.05	4.50 ±0.20	3.75 ±0.05	5.80 ±0.30	5.44 ±0.10	6.30 ±0.20	6.70 ±0.20	6.60 ±0.30	6.70 ±0.10	7.50 ±0.20	7.40 ±0.20
Sp Gr.	1.050 ±0.005	1.035 ±0.003	1.094 ±0.020	1.117 ±0.020	1.120 ±0.013	1.120 ±0.010	1.158 ±0.010	1.172 ±0.010	1.077 ±0.005	1.097 ±0.010	1.005 ±0.005	1.005 ±0.005

# Preparation: Rapid Process (RA)

Replenisher Solutions

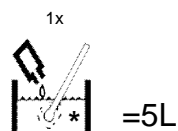
\*Mix well

## N1 - Mydoneg SP-ULR Developer Replenisher

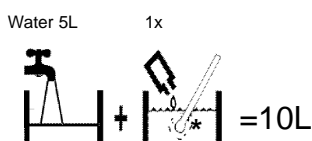


## N2 - Mydoneg Air RA Bleach Replenisher

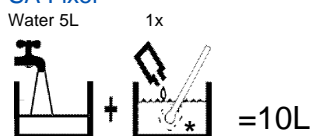
Ready-to-use.  
Do not dilute.



## N3 - (C41RA) Mydoneg RA Fixer Replenisher

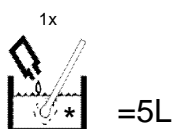


## N3 - (C41RA) Mydoneg SA Fixer

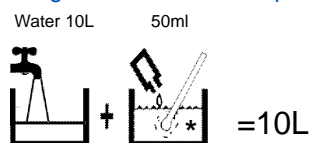


## N3 - (Fuji CN16FA/CN16L) Mydoneg RA Fixer Replenisher

Ready-to-use.  
Do not dilute.

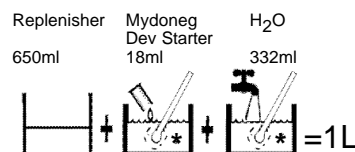


## N4 - Mydoneg Stabiliser Rinse Replenisher

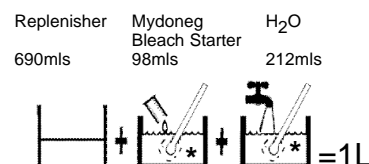


## Tank Solutions

### N1- Mydoneg SP-ULR Developer



### N2 - Mydoneg Air RA Bleach



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For N3 (C41R), Mydoneg RA and Mydoneg SA Fixer Replenisher and N4, Mydoneg Stabilizer Rinse, preparation of the tank solution is same as for the Replenisher  
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## PROCESS SPECIFICATIONS

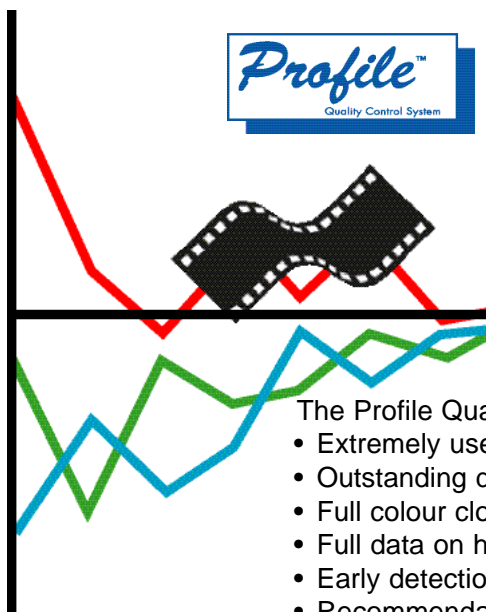
Step	Processing Stage	Recommended Temperature °C	Processing Time (Sec)	Replenishment Rate*(ml/roll of 135/24)	Preparation of Tank Solution (1L)
N1	Mydoneg SP-ULR Developer	38±0.3°	195	15 - 17	1)650ml Replenisher 2) 332ml water 3)18ml Starter
N2	Mydoneg Air RA Bleach	38.0±3.0°	45-60	5	1) Replenisher 690ml 2) 212ml water 3) 98ml Starter
N3	Mydoneg RA/Mydoneg SA Fixer (C41-RA)	38.0±3.0°	90	33	Same as Replenisher
N4	Mydoneg Stabiliser Rinse	38.0±3.0°	60	33	Same as Replenisher

## Fuji CN-16FA/L

N3	Mydoneg RA Fixer (CN16FA)	38.0±3.0°	90	16	500ml water 500ml replenisher
N3	Mydoneg RA Fixer (CN16L)	38.0±3.0°	90	8	500ml water 500ml replenisher

## CHEMISTRY SPECIFICATIONS

	N1 Mydoneg SP-ULR Developer		N2 Mydoneg Air RA Bleach		N3 Mydoneg RA/SA Fixer C41-RA		N3 Mydoneg RA Fixer CN16-FA/L		N4 Mydoneg Stabiliser Rinse	
pH	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank
	10.15 ±0.05	10.50 ±0.05	4.50 ±0.20	3.75 ±0.05	6.60 ±0.20	7.10 ±0.20	6.40 ±0.20	7.10 ±0.20	7.50 ±0.20	7.40 ±0.20
Sp Gr.	1.050 ±0.005	1.035 ±0.003	1.132 ±0.020	1.132 ±0.006	1.109 ±0.010	1.097 ±0.010	1.090 ±0.010	1.178 ±0.010	1.005 ±0.005	1.005 ±0.005



The Profile Quality Control System is comprised of two key elements - Profile Control Strips and Profile Quality Control Software. Profile Control Strips are easy to work with and have been optimized to give the best results with Champion Photochemistry & Russell Photochemistry. Profile Quality Control Software has been manufactured under strict quality control procedures.

Champion Photochemistry and Russell Photochemistry are the only independent chemical manufacturers worldwide to make control strips and to market a Q.C. software.

The Profile Quality Control System offers the following features & benefits:

- Extremely user-friendly
- Outstanding diagnostic components
- Full colour clothesline plot reports
- Full data on history, current status and diagnosis
- Early detection of potential process problems
- Recommendations for corrective action plans
- Full technical support available
- Updates to software sent automatically to current registered users
- New email feature allows labs to email files to your central site for timely evaluation

#### STORAGE OF CHEMICALS:

- Concentrates - All of the processing system concentrates have a normal storage life of at least 12 months, when held in unopened containers under steady temperature conditions in the range 13°C-18°C. However, a storage temperature below 5°C should be avoided as some crystallisation may occur.
- 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 Safety Data Sheet for precautionary information. Protective clothing, including gloves and face/eye protection should always be worn when handling chemicals.

Contact our Technical Services Department or your local representative to determine which combination of chemicals is best suited for your use.

**WARRANTY:** Seller, Champion Photochemistry International Limited, 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.

For a complete list of the RA-4 chemicals which complement this system of chemistry, please refer to TDS # R10, R12, R14, and R18.

Manufactured under an ISO 9001/2000 approved system by:

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