

C-41 Film Chemicals : For minilabs



Rapid Process

MYDONEG SP HR 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 50mls/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 HR Developer/Replenisher is clear, less down time, clean working and improved stability.

N1 Mydoneg SP HR 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 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 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 minilabs applications.

N1	Mydoneg SP HR Developer/Replenisher	6x2.5L	140115
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

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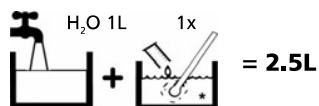


Preparation: Standard or Rapid Process

Replenisher Solutions

*Mix Well

N1 – Mydoneg SP HR Developer/Replenisher

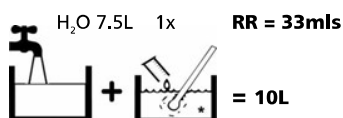


N2 – Mydoneg Universal AIR Bleach Replenisher

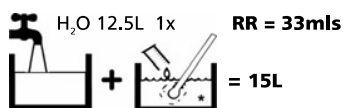
Ready-to-use.
Do not dilute.



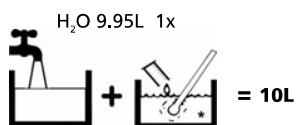
N3 – Mydoneg Universal RA Fixer Repl. (C41-RA)



C41B

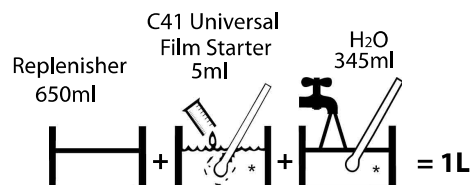


N4 Mydoneg Plus Stabilizer Replenisher

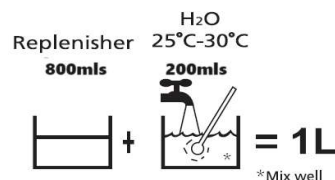


Working solutions

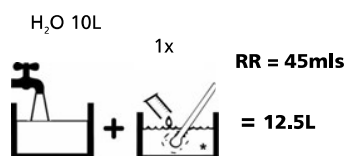
N1 – Mydoneg SP HR Developer/Repl.



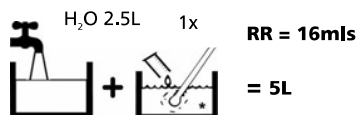
N2 – Mydoneg Universal AIR Bleach Replenisher



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



CN16FA



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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 SP HR Developer/Replenisher	195	38.0+/-0.3	50 mls	1. 345mls Water 2. 5mls C41 Universal Film Starter 3. 650mls 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 SP HR Dev & Repl		N2 Mydoneg Universal AIR Bleach Repl		N3 Mydoneg 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	10.30±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	1.041±0.010	1.051±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.

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