

**FUJIFILM****PRODUCT INFORMATION BULLETIN****CN-16S NC1 Cartridge Replenisher**

CN-16S NC1 Cartridge Replenisher #600005378

**FEATURES & USES**

Fujifilm's CN-16S NC1 Cartridge Replenisher is specifically designed for use in FP150, FP363SC and FP563SC minilab processors and other Process CN-16S compatible minilabs. This product is part of a plug-and-play replenishment cartridge system. The NC1 cartridge must be used with the CN-16S NC2 cartridge. Each NC1 cartridge will process 200 rolls of 135-24 film.

**HEALTH & SAFETY**

Please refer to Material Safety Data Sheets (MSDS) for specific chemical details. For emergencies, please contact CHEMTREC at 1-800-424-9300. Material Safety Data Sheets may be downloaded from <http://msds.arielresearch.com/fujifilmmsdsweb/>, from Fujifilm's web site or by calling Fujifilm's Chemical Technical Support Hotline at 1-800-526-0851, ext. 10.

**OPERATING SPECIFICATIONS**

Temperature	38° ± 0.2° C (100.4° ± 0.4° F)	
Processing Time	N1 = 3'05" N2 = 50" - 70" N3 (2 tanks) = 1'40" - 2'20" N4 (3 tanks) = 1'10"	
Starting Replenishment Rate (for roll of 135-25)	N1-R	15 ml/roll 13.5 ml/m
	N2-R	5 ml/roll 4.5 ml/m
	N3-R	7.5 ml/roll 6.8 ml/m
	N4-R	30 ml/roll 27 ml/m

Refer to Product Information Bulletin 600005379 for additional specifications and recommendations.

**PH & SPECIFIC GRAVITY SPECIFICATIONS**

<b>N1</b>	<b>pH @ 25° C</b>	<b>SpG @ 25° C</b>	<b>SpG @ 38° C</b>
N1-RA Replenisher	10.51 ± 0.05	1.055 ± 0.003	1.050 ± 0.003
N1-RB Replenisher	4.20 ± 0.20	1.006 ± 0.005	1.001 ± 0.005
N1 Fresh Tank	10.07 ± 0.05	1.039 ± 0.003	1.034 ± 0.003
N1 Seasoned Tank	10.07 ± 0.05	1.044 ± 0.003	1.039 ± 0.003

<b>N2</b>	<b>pH @ 25° C</b>	<b>SpG @ 25° C</b>	<b>SpG @ 38° C</b>
N2 Replenisher	4.00 ± 0.10	1.162 ± 0.010	1.055 ± 0.010
N2 Fresh Tank	4.00 ± 0.20	1.108 ± 0.015	1.101 ± 0.015
N2 Seasoned Tank	4.60 ± 0.30	1.120 ± 0.020	1.113 ± 0.020

<b>N3</b>	<b>pH @ 25° C</b>	<b>SpG @ 25° C</b>	<b>SpG @ 38° C</b>
N3 Replenisher	7.20 ± 0.10	1.271 ± 0.010	1.264 ± 0.010
N3-1 Fresh Tank	7.00 ± 0.20	1.090 ± 0.020	1.083 ± 0.020
N3-2 Fresh Tank	7.00 ± 0.20	1.090 ± 0.020	1.083 ± 0.020
N3-1 Seasoned Tank	6.60 ± 0.20	1.110 ± 0.020	1.103 ± 0.020
N3-1 Seasoned Tank	6.90 ± 0.20	1.110 ± 0.020	1.103 ± 0.020

<b>N4</b>	<b>pH @ 25° C</b>	<b>SpG @ 25° C</b>	<b>SpG @ 38° C</b>
	NOT APPLICABLE		

**PHYSICAL INFORMATION**

	Concentrate			Working Tank		
	N1-RA	N2-R	N3-R	N1	N2	N3
<b>Shelf Life Time</b>	U=24 mos O= N/A	U=24 mos O= N/A	U=24 mos O= N/A	2 Weeks	2 Weeks	2 Weeks
<b>Color</b>	Clear, Brownish- Pink	Clear, Dark Green	Clear, Colorless	Clear, Yellow	Clear, Pale Yellow	Clear, Pale Yellow
<b>Odor</b>	No Odor	Slight Vinegar	Slight Ammonia	No Odor	Slight Ammonia	Slight Ammonia

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