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TECHNICAL INFORMATION No. TI 08.02 / September 2008

FUJICOLOR Negative Film Processing Chemicals CN-16S^{ER}

for Minilab Film Processors FP363SC / FP563SC

We like to inform you on the introduction of FJ CN16S^{ER} chemicals. This new product is designed to enable stable processing with the low film processing volumes faced today by an increasing number of Minilab shops. FJ CN16S^{ER} chemistry can be installed in an easy way to replace the currently used FJ CN16S. It is necessary to update the software and adjust the replenishment rates of the film processor before using CN16S^{ER}. FJ CN16S will continue to be sold.

1. **New product:**

Cat. no.; 998484	FJ CN16S^{ER}	NC1	Kit x 2	(2 x 120 films / cartridge)
Cat. no.; 998492	FJ CN16S^{ER}	NC2	Kit x 1	(1 x 600 films / cartridge)

2. **Features of the new product**

- Stable processing even with a film volume only half of the required minimum processing volume with FJ CN16S chemistry
- The photographic characteristics including image stability on processed film remain unchanged
- The popular cartridge concept remains = Simple, safe and clean handling

3. **Minimum Processing Volumes* required per Film Processer Model**

	FJ CN16S	**FJ CN-16S^{ER}**
	One film = 135-24 exposures	
FP363SC	60 films / week	**30 films / week**
FP563SC	90 films / week	**45 films / week**

* The minimum processing volumes indicated above are for reference only. They may vary depending on the operational time and other conditions of the film processor.

4. **Switching from FJ CN16S to FJ CN16S^{ER}**

- FJ CN16S^{ER} is running at a higher replenishment rate than FJ CN16S chemistry requiring:
  - a System Software Upgrade to version 3.00E when installing onto FP363SC / FP563SC
  - adjusting the replenishment settings to the higher replenishment rates

	Effective Replenishment Rates (135-24 exposure)	
	FJ CN16S	**FJ CN16S^{ER}**
N1R	15 ml	**25 ml**
N2R	5.0 ml	**8.3 ml**
N3R	7.5 ml	**12.5 ml**
N4R	30.0 ml	**50.0 ml**

- The software is available at no charge
- The software must be installed by a FUJIFILM service engineer
- When the software update is completed and new replenishment rates are set, the FJ CN16S^{ER} cartridge can be installed and replenished on top of FJ CN16S tank solutions
- Before preparing FJ CN16S^{ER} remaining CN16S replenisher should be discharged

Important notices:

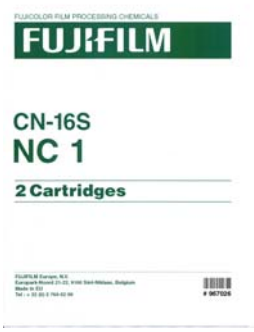
- When processing 120-size films on a FP563SC, only one film lane can be used at the time otherwise a shortage of replenisher will result. This limitation does not apply to FP363SC.
- When your process was out of control, be aware that it will take a certain period of time for the seasoned tank solutions to fully recover to a performance level that assures constant print quality.
- When your processed control strip largely exceeds the allowable limit, it is recommended to replace all tank solutions starting from FJ CN16S N1, N2, N3 & N4 start-up kits
- After switching to FJ CN16S^{ER} processing chemicals, be careful not to install a CN16S cartridge as this will negatively affect the processing performance.
- When, after introducing FJ CN16S^{ER} , the film processing volume increase again to same level as in the past and you expect that you can maintain this higher processing volume for a long period of time, it is possible to switch back to FJ CN16S. Please contact your local FUJIFILM service engineer.

5. Identification of the new FJ CN16S^{ER}

998484 FJ CN16S ^{ER} NC1 Kit x 2
makes 2 x 120 films

998492 FJ CN16S ^{ER} NC2 Kit x 1
makes 1 x 600 films

6. Identification of the existing FJ CN16S



967026 FJ CN16S NC1 Kit x 2
makes 2 x 200 films

990077 FJ CN16S NC2 Kit x 2
makes 2 x 1000 films

7. FJ CN16S^{ER} Start-up Chemicals

- FJ CN16S ^{ER} Start-up chemicals are the same as for FJ CN16S.

o # 975003	FJ CN16S N1	1 x 5.2 litre
o # 975011	FJ CN16S N2	1 x 3.6 litre
o # 975029	FJ CN16S N3	6 x 3.6 litre
o # 975069	FJ CN16S N4	24 x 1.9 litre

8. Availability software upgrades and instruction manual for conversion to FJ CN16S^{ER}

- An individual software upgrade is available for both FP363SC & FP563SC processor.
  - o Downloading the upgrade software from “ftp” server and installation via PC
    An interface cable is required to install from PC onto film processor
    Interface cable specifications: D-SUB 9pin, **Nullmodem Cable**, 9BU<>9BU, DB9F/DB9F
    This cable is a cross linked (1-4/4-1) RS232C cable
  - o Location to download the upgrade software and the installation manual:

    ftp://ftp.fujifilmeurope.de/software/FP363SC_FP563SC
- A separate Technical information sheet covering the software upgrade installation and the installation of the new FJ CN16S^{ER} is also available at the same location.

9. <u>Reminder</u> on the requirement to install software upgrade and increase of replenishment rates

- The outer cardboard of FJ CN16S^{ER} NC1 and FJ CN16S^{ER} NC2 will have a sticker mentioning “<u>New Product / Software update and New replenishment rates required</u>”

- During software installation we recommend to stick the label indicated below on the film processor. It will inform any user to use CN16S^{ER} only. Two stickers are made available and are inserted inside the FJ CN16S^{ER} NC1 cardboard.

10. MSDS

- MSDS’s are available

11. **Market availability**

- FJ CN16S^{ER} will be available from Q4-2008 onwards.

Important notice:

- When ordering # 998492 FJ CN16S^{ER} NC2 it will be supplied in a cardboard containing 4 units each of them packed in a smaller outer cardboard.
- This concept does allow FUJIFILM Europe NV to guarantee stable piling and transportation on the pallet and offers you the possibility for a safe transportation of the individual unit to your customer.

If you have any questions about this issue, please do not hesitate to contact us.

Best regards,

FUJIFILM EUROPE GmbH

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