

## Concentrated Dampening Solution for Offset Printing

**FS-801**

FS-801 is a concentrate fountain solution that excels in ink-water balance and consistency stability in offset printing. It inhibits excessive emulsification and enables stable printing.

**■ Features**

- ▶ Its excellent preservation of water film enables to minimize the amount of dampening solution during printing.
- ▶ Excellent desensitization of non-image area enables superior reproduction of halftone.
- ▶ It is free of chemicals that fall under Organic Ordinance of Occupational Safety and Health Act.

**■ Usage**

- ▶ 1~2.5% is the optimum concentration for printing.
- ▶ As a guideline, keep concentration to 2% in non-alcohol use.
- ▶ As a guideline, keep FS-801 to 1~1.5% when alcohol is added.

<Physical Property Values of FS-801>

	1% Tap Water Dilution	1.5% Tap Water Dilution	2% Tap Water Dilution
pH	4.5~4.7	4.3~4.5	4.2~4.4
Conductivity (mS/cm)	0.70~0.80	0.90~1.00	1.15~1.25

**■ Usage Instructions**

- ▶ Mixing FS-801 with commonly used fountain solutions (H Liquid) makes it less effective.
- ▶ In some cases, due to its wetting property the water requirement differs from that of commonly used fountain solutions (H Liquid). Therefore, determine minimum print-water supply before starting to print.

**■ Handling Instructions**

- ▶ It is an inflammable product. Avoid high temperature, spark, and fire.
- ▶ If it gets on the skin, immediately wash it off with soap and water or hot water.
- ▶ If it gets in the eyes, immediately flush them with plenty of water for more than 15 minutes. Consult an ophthalmologist.
- ▶ FS-801 falls under Fire Service Law hazardous material type 4, type 3 petroleum product, water soluble liquid of hazardous class III.

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- ▶ The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations.
- ▶ Owing to product improvement the information contained herein may be modified without any prior notice.
- ▶ Make sure to read MSDS thoroughly before using the product.