

## Concentrated Dampening Solution for Offset Printing

## FF-331

FF-331 fountain solution concentrate, developed for UV form printing, can be used without alcohol. It offers good ink-water balance and excels in emulsification resistance and wetting property.

#### ■ Features

- ▶ Its plate cleaning effect washes off smudges during printing and enables stable printing.
- ▶ It excels in water film stability and thus makes it easy to control water supply.
- ▶ It is free of chemicals that fall under Organic Ordinance of Occupational Safety and Health Act.

#### ■ Usage

- ▶ 1~2% is the optimum concentration for printing.
- ▶ Non-alcohol use is recommended.
- ▶ Though pH control method can be used for controlling concentration of FF-331, using a fixed amount of solution control method is recommended. Refer to following physical property values when pH method is adopted. (Physical property of tap water differs with the area. Contact us when pH is used for concentration control.)

<Physical Property Values of FF-331>

	1% Tap Water Dilution	2% Tap Water Dilution
pH	4.4~4.8	4.0~4.6
Conductivity (mS/cm)	1.20~1.60	1.80~2.10

#### ■ Usage Instructions

- ▶ Mixing FF-331 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.
- ▶ Using it with UV desensitizing inks is not recommended as it easily results in excessive emulsification.

#### ■ Handling Instructions

- ▶ 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.
- ▶ FF-331 falls under controlled flammable liquid type, flammable substances.

2007/04/01 No.W-1

- ▶ 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.