

## Concentrated Dampening Solution for UV Form Printing FS-615 NA-3

FS-615 NA-3 excels in ink-water balance and consistency stability even in UV printing where water supplying systems easily limit the water supply. It enables non-alcohol, stable printing on materials like film stocks.

### ■ Features

- ▶ Its excellent preservation of water film and wide ink-water balance enable non-alcohol use.
- ▶ It enables non-alcohol, stable printing on non-absorbent stocks, such as films.
- ▶ It is free of chemicals that fall under Organic Ordinance of Occupational Safety and Health Act.

### ■ Usage

- ▶ As a guideline, concentration of 3%~4% is recommended for non-alcohol use in UV exclusive presses.
- ▶ Concentration of 2% is recommended as a guideline for use with alcohol.
- ▶ Though pH control method can be used for controlling concentration of FS-615 NA-3, 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 FS-615 NA-3>

	2% Tap Water Dilution	3% Tap Water Dilution	4% Tap Water Dilution
pH	4.2	4.1	4.0
Conductivity (mS/cm)	1.7	2.3	2.9

### ■ Usage Instructions

- ▶ Mixing FS-615 NA-3 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.

### ■ Standard Colors and Resistances

- ▶ 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-615 NA-3 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.