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## **PRINTGEN MG**

### **A. DESCRIPTION**

Printgen MG is an anti-clog additive that is excellent in penetration of ink, which helps slow ink drying in the screen and improves printability.

### **B. NATURE**

Appearance:	Transparent Liquid
Composition:	Propylene Glycol
Viscosity:	150 – 50 cps.
pH:	7.0 – 0.5

### **C. USAGE**

1. Add 3 – 5% Printgen MG to ink.
2. To prevent from drying in the screen, when leaving screen for up to two hours, use any of the following methods (first method is best):
  - a. Spray a mixture of 20% Printgen MG and 80% water on a wet towel and Apply directly to screen. Spray ink in screen with same mixture. Be sure to apply mixture with a fine mist, sparingly. Screen can be left this way for up to 2 hours with no ink drying.

Before resuming printing, wipe underside of screen with a damp towel. Printgen MG solution will pass through screen and into fabric during the first and/or second squeegee pass, so either make first two passes onto waste material or mix ink and Printgen MG solution on screen before resume printing.
  - b. Place a wet towel (water) on screen (move ink to bottom of screen). Screen can be left this way for up to 2 hours, with only minimal ink drying.

- c. In addition to above methods, in dry environments, ink drying can be Slowed by mixing 2% Printgen MG with ink.

Pay extra attention to ink condition when working in environments such as a desert or coastal region or in air conditioning. It may be helpful to use a humidifier when working in air conditioned areas.

Note: Do not leave screen with in covering image area. This will most likely clog the screen. If screen does clog, spray a small amount (fine mist) of Printgen MG solution on screen, then wash with a wet towel or water.

3. If ink is too thin, it can be easily be thickened. Add less than 1.0% (preferably 0.5%) of Carrier B to ink. If lumps occur (when more than 1% is added), place ink in a high-speed mixer for approximately 60 seconds or filter through a 60 to 80 mesh screen.
4. To dilute ink (usually unnecessary with these inks), add 1 – 2% Catalyst ACX to the ink. **Do not use water.**