

### DESCRIPTION

**EMERALD® PREMIUM MXEH** fountain solution is a one-step alcohol replacement fountain solution specially formulated to run on aqueous plates. It is designed to eliminate the blinding often associated with aqueous plate images. The strong buffer system incorporated in this formula allows it to be used in all but the hardest water and is especially useful when running alkaline papers (due to its increased resistance to contamination).

### FEATURES

- Number ONE selling web fountain solution.
- Excellent buffer performance for stable pH.
- Contains the finest gum arabic.
- Replaces alcohol at 5 ounces per gallon.
- Retards ink feedback into the dampening system.
- Very low phosphate content for cat. beds!

### TECHNICAL DATA

VOC	2.1 lbs./gallon
Glycol ether solvents	8.2% by weight
pH	3.9
Dosage	4.5 to 5.5 oz./gallon
Conductivity	320 $\mu$ mhos/ounce
Phosphorous Content	640 ppm

### PRESS-READY SOLUTION (5 oz./gallon in RO water)

pH	3.8
Conductivity	1590 $\mu$ mhos
Surface Tension	35 dynes/cm.

### DIRECTIONS

**EMERALD® PREMIUM MXEH** fountain solution is a one-step formula designed to run at 5 ounces per gallon. The pH of the working solution will be between 3.8 and 4.3, depending upon the alkalinity of the local water supply. The conductivity should read approximately 320  $\mu$ mhos per ounce over the conductivity of the water used.

**pH & CONDUCTIVITY CHART**

