



**RBP Chemical Technology, Inc.**

150 S. 118th ST. • P.O. Box 14069  
Milwaukee, WI 53214-0069  
www.rbpchemical.com  
corporate: 800-558-0747  
fax: 414-258-7908

## Product Data Sheet

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Product #: **J5026, J5212**

# *Concept 21<sup>®</sup> 5 Star*

## Super Concentrate System for Newspapers

**DESCRIPTION:** A new super concentrated fountain solution designed for use in newspaper applications. The *Concept 21<sup>®</sup> 5 Star* chemistry comes in neutral and mild acid formulations. The highly concentrated chemistry requires the use of a precision blending technology to deliver a consistent dosage for optimum performance. *Concept 21<sup>®</sup> 5 Star* products are compatible with brush, spray, and conventional dampening systems. The chemistry is uniquely formulated to provide excellent wetting and desensitizing for improved print quality.

*Concept 21<sup>®</sup> 5 Star* products are designed to improve ink and water characteristics, provide a clean background, control growth issues and improve overall performance.

**BENEFITS:**

- Highly concentrated chemistry.** Requires very low dosages, typically 3 to 5 times less.
- Improved performance.** Faster start-ups and re-starts.
- Better ink densities.** Lower water settings and less plate sensitivity provides higher ink densities and better color control.
- Precise pumping system.** Eliminates variation and provides consistent chemistry.

### **SPECIFICATIONS:**

	<u><i>5 Star N</i></u> (Neutral Super Concentrate)	<u><i>5 Star MA</i></u> (Mild Acid Super Concentrate)
<b>Flash Point:</b>	None	None
<b>Appearance:</b>	Clear blue liquid	Clear blue liquid
<b>Density:</b>	10.1 lbs/gal.	10.4 lbs/gal.

### **INSTRUCTIONS:**

#### **Initial Start-up**

#### **Spray, Brush or Conventional Dampening Systems:**

Start *Concept 21<sup>®</sup> 5 Star N* series at the 3.5 setting on the graduated scale.

Start *Concept 21<sup>®</sup> 5 Star MA* series at the 3.5 setting on the graduated scale.

**Normal Operating Range:** pH (Neutral) = 6 - 7  
pH (Mild Acid) = 5 - 5.5  
Conductivity = 600 - 1200 over water

### **ADJUSTMENTS:**

Increase setting by 0.5 if plate sensitivity is the problem.

Decrease setting by 0.5 if roller stripping or color variation is occurring.

This product should be used only for its intended purpose. The information stated above is based on our laboratory tests and experience, and is accurate to the best of our knowledge. Since actual use is beyond our control, the recommendations or suggestions are made without warranty, expressed or implied.