

# BURCO® ACID PA-1



Burlington Chemical Company, Inc.  
Post Office Box 111  
Burlington, North Carolina USA 27216  
615 Huffman Mill Road  
Zip Code 27215

## pH Control for Acid Dyes on Polyamide

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*Customer Technical Service*

*Providing Textile Innovations*

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### **What it does . . . Benefits and Features**

- Provides controlled reduction of dyebath pH to the acidic conditions of 5.0-6.0, often without the addition of more acid
- Promotes level dyeing of acid dyes on polyamide, wool, and silk
- Saves cycle time by the elimination of acid additions to exhaust acid dyes
- More controllable than traditional ammonium sulfate and/or acid pH additions at dyeing temperature

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### **How it's used . . . Effective Application**

Ideal for jets, becks, package, stock, and beam dyeing machines.

For batch application, typical uses are 1 g/L for light shades and 3 g/L for heavy shades with a starting dyebath pH adjustment (after chemicals and dyes have been added) to pH 7.5 to 8.0 with soda ash.

Concentrations may vary with the pH influence of water, chemicals, and dyes.

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### **What it is . . . Physical Properties**

Appearance:	Clear liquid
pH (10 g/L solution):	5.0 – 6.0
Ionic Nature:	Nonionic
Specific Gravity:	1.15 g/cm <sup>3</sup>
Dilution:	Dilute with water at 27 – 38C (80 – 100F) at required time of use

**TB 14131**  
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