

# CP-421

## ORGANIC ACID CLEANER/ DESCALER

### DESCRIPTION

**CP-421** is a phosphate-free liquid organic acid cleaner/descaler formulated for the pharmaceutical, cosmetic, and medical device industries. The synergistic blend of organic acids effectively removes a wide range of process and research residues, such as inorganic salts and scales, particulate carbon. This product is effective in laboratory glassware washing and pharmaceutical/biotech process cleaning.

Low foaming **CP-421** will not cavitate recirculation pumps. **CP-421** is extremely free rinsing to achieve a clean, residue free surface and has excellent hard water tolerance to eliminate mineral deposits. The enhanced surfactant system improves cleaning and rinsing in low volume/high energy recirculating spray and remains effective across a wide temperature and pH range even during pH neutralization prior to discharge, thus reducing redeposition of process residues. When used as directed, **CP-421** is safe for use on both glassware and stainless steel substrates and a wide variety of plastics including polycarbonate.

### PRODUCT SPECIFICATION

**Form:** Liquid

**Odor:** Characteristic

**pH1% Solution:** 2.3-3.2

**Specific Gravity:** 1.09-1.11

**Solubility:** Complete

**Foam:** Low

### DIRECTIONS

**CP-421** is designed for use in immersion, pressure spray, and recirculating spray-wash applications and is ideal for pharmaceutical glassware and parts washing machines and recirculating Clean-In-Place (CIP) systems. Typical operating concentrations of **CP-421** run from 0.2% to 5% (v/v), and depend on temperatures, soil loads, and cleaning methods used. Proper care and protective equipment are required for manual cleaning — see the SDS sheet.

#### Application:

- Recirculating Spray - CIP and COP Washer
- Immersion and Flow Cleaning

Contact CANI, Inc. for technical services or product recommendations.

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