



# AUTOMATED CHEMICAL SOLUTIONS

Chemicals and Controllers for PWB Fabrication

## Product Overview

### IMAGEpro DC-3615

Developer Concentrate

#### Product Description

DC-3615 is a highly concentrated developer solution designed for use in photoresist and soldermask developing processes. Formulated using water softening agents, working solutions of DC-3615 can be made using tap water with up to 400 ppm's of dissolved solids without forming significant hardness scale. DC-3615 also contains cleaning compounds that help break up resist residues to prevent deposition and build up in process and control equipment. The IMAGEPRO developing system combines high quality with ease of use to provide a superior developing system.

#### FEATURES

💡 Highly concentrated

💡 Softening agents

💡 Detergent additives

#### BENEFITS

🗑️ Minimizes handling

💧 Eliminates need for purified water

⌚ Extends uptime by slowing scum build-up

#### Physical Properties

Concentration: 600 g/L as potassium carbonate  
Specific gravity: 1.40  
pH: >12  
Appearance: clear, water white  
Freezing point: <40 °F

#### Operating Parameters

Make Up: 1.33 – 1.67% v/v DC-3615, 8 – 10 g/L as potassium carbonate  
Replenishment: 1.33 – 1.67% v/v DC-3615, 8 – 10 g/L as potassium carbonate  
Process pH: 10.4 – 10.8  
Temperature: 80 °F – 90 °F

#### Safety

CAUTION! DC-3615 concentrates and working solutions contain strong alkaline ingredients. Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

#### Notice

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