



AUTOMATED CHEMICAL SOLUTIONS

Chemicals and Controllers for PWB Fabrication

Product Overview

SUREclean EC-1320

Equipment Cleaner

Product Description

SUREclean EC-1320 is a highly concentrated, alkaline cleaner designed to clean developing, etching and stripping process modules. SUREclean EC-1320 completely removes resist residues and hardness scale as well as other process foulants. SUREclean EC-1320 working solutions can be used for multiple cleaning cycles. SUREclean EC-1320 is particularly effective for difficult to clean LPI developers.

Physical Properties

Specific gravity: 1.2
pH: > 13
Appearance: clear, light amber liquid
Flash point: > 200 °F

Operating Parameters

Concentration: 10% - 20% v/v depending on equipment condition
Temperature: 120 – 130 °F
Dwell Time: 15 – 30 minutes depending on equipment condition

Typical Cleaning Cycle

1. Drain and rinse process sump.
2. Fill sump two-thirds full with warm water.
3. Add 10% v/v SUREclean EC-1320.
4. Fill to level with warm water.
5. Heat cleaning solution to 125 °F. (DO NOT exceed temperature limit specified by equipment manufacturer)
6. Recirculate solution with nozzles in place for 15 – 30 minutes or until process module is clean.
7. Save working cleaner for future use.
8. Rinse process module thoroughly and recharge with working solution.

Storage

Store in original containers above 40 °F.

Safety

CAUTION! EC-1320 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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