



AUTOMATED CHEMICAL SOLUTIONS

Chemicals and Controllers for PWB Fabrication

Product Overview

SUREclean EC-1330

Equipment Cleaner

Product Description

EC-1330 is a highly concentrated, alkaline cleaner designed to clean developing process modules. EC-1330 completely removes resist residues and hardness scale as well as other process foulants. EC-1330 also contains a mild solvent that makes it particularly useful in removing the organic filler residues left behind by some photoresists. EC-1330 working solutions can be used for multiple cleaning cycles.

Physical Properties

Specific gravity:	0.94
pH:	> 13
Appearance:	clear, light amber liquid
Flash point:	> 200 °F

Operating Parameters

Concentration:	20% - 100% v/v depending on equipment condition
Temperature:	120 – 130 °F
Dwell Time:	30 minutes to 8 hours depending on equipment condition

Typical Cleaning Cycle

1. Drain and rinse process sump.
2. Fill sump two-thirds full with warm water.
3. Add 25% v/v EC-1330.
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 30 minutes to an hour 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-1330 concentrates and working solutions are acid. 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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