



AUTOMATED CHEMICAL SOLUTIONS

Chemicals and Controllers for PWB Fabrication

Product Overview

SUREclean EC-1300

Equipment Cleaner

Product Description

SUREclean EC-1300 is a highly concentrated, alkaline cleaner designed to clean developing, etching and stripping process modules. SUREclean 1300 completely removes resist residues and hardness scale as well as other process foulants. SUREclean EC-1300 working solutions can be used for multiple cleaning cycles.

Physical Properties

Specific gravity:	1.3
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:	30 minutes to 1 hour 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-1300.
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 1 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-1300 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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