

EQUIPMENT/Cleaner 60

A Non-foaming, General Purpose Equipment Cleaner

Product Description

EQUIPMENT/Cleaner 60 is a concentrated acid cleaner designed for use in developers, resist strippers and other processing tanks. EQUIPMENT/Cleaner 60 is effective as part of a routine cleaning regimen and aids in the removal of soldermask developer residues, hard water scale, and carbonate residues. EQUIPMENT/Cleaner 60 can also be used to clean and passivate stainless steel tanks and equipment.

Performance Features

- EQUIPMENT/Cleaner 60, once neutralized, is environmentally safe.
- Easy to use liquid formula.
- Hydrochloric Acid Free.
- No hazardous fumes.

Physical Specifications

Physical State	Liquid
Appearance	Clear To Light Yellow Solution
Odor	Odorless
Freeze/Thaw Stability	Do Not Freeze
Specific Gravity	1.24

Equipment Requirements

Tanks: Constructed Of Polypropylene Or Stainless Steel. Avoid Using Mild Steel Or Aluminum.
Racks: Constructed Of Polypropylene Or Stainless Steel. Avoid Using Mild Steel Or Aluminum.

Product Make-Up

Use as is. Do not dilute.

Operating Parameters

Operating Temperature	Ambient - The Performance Of EQUIPMENT/Cleaner 60 Increases Slightly With Elevated Temperature.
Cleaning Time	30 Minutes - Can Be Used Longer Depending On Cleanliness Of Equipment.

Technical Data Sheet

Control and Replenishment

Procedure

1. Pipet 1.0 ml sample solution of Equipment Cleaner 60 into a 250 ml erlenmeyer flask.
2. Dilute to 75 ml with DI water
3. Add 5-10 drops methyl red indicator.
4. Titrate with 1.0 N sodium hydroxide to faint orange color solution.
5. If it takes less than 5.0 ml of 1.0N sodium hydroxide, the solution will become ineffective.

Safety and Handling

Read and understand this products MSDS before handling.

Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations. Contact Seacole for specific details and/or further waste treatment recommendations.

Ordering Information

EQUIPMENT/Cleaner 60 is available in 5 gallon pails and 55 gallon drums.

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