



# Technical Data Sheet

Product Code: 0005424 Revised Date: 5/01/2025

## EQUIPMENT/Cleaner 60

### 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.

### 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 product SDS before handling.



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## 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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