



QUALITEK[®] ACID CLEANER 1300

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Description

Qualitek® Acid Cleaner 1300 is formulated to ensure the complete residue removal of acid-type soldering fluxes and cleaners. Acid Cleaner 1300 will not attack most plastics, such as polycarbonate or polystyrene and does not remove ink markings on components. This cleaner contains an anti-foaming agent to reduce foam and reduce dragout loss. Acid Cleaner 1300 may be used in ultrasonic cleaners, in-line cleaning machines, in dishwashers or laundry tubs. Results indicate that cleanliness levels meet or exceed the MIL-P-28809 requirements.

Main Features

- Designed for residue removal of acid fluxes
- Effectively reduces foam and will not attack most plastic surfaces

Technical Data

	Specification
Color and Appearance	Dark Blue Liquid
Flash Point	None
pH Value	10.5 ± 0.5
Specific Gravity (g/cm³)	1.02 ± 0.01
Shelf Life	2 years from DOM

Applications Methods

AUTOMATIC IN-LINE CLEANING:

Start-up solution concentration should be 20% by volume. Additional concentrate may be added if a higher level of cleanliness is required with the set conveyor speed.

DISHWASHER:

As a general guideline, Acid Cleaner concentrate to water should be 20% by volume. Detergent concentration will depend on the amount of flux deposited on the boards. Recommended water temperature range is 120 – 150 °F (130 °F is optimal start-up temperature). Run the solution through the entire cycle. Temperatures below 120 °F result in longer cleaning times and incomplete residue removal.

Process Control

To ensure a consistent cleanliness level, we recommend checking the color of the solution. When color has changed from dark blue to yellow, cleaner needs to be replenished. This can be achieved by adding more AC 1300 to the wash. Changing the cleaning solution is dependent on number of boards being processed, however, we recommend changing the acid cleaner solution after 8 hours of use.

Storage & Shelf Life

Acid Cleaner 1300 should be stored in cool dry environment, away from direct heat and flame. Shelf life is 2 years from date of manufacture.

Packaging

Acid Cleaner 1300 is available in 1 Gallon and 5 Gallon containers and 55 Gallon drums.

Disposal

Acid Cleaner 1300 contains hazardous ingredients, therefore, should be disposed of in accordance with all federal, state and local authority requirements.

Qualitek® is a brand of Qualitek International, Inc. For Health and Safety Information, refer to Safety Data Sheet.