

Aquanox A4512

Concentrated Aqueous Electronics Cleaner

FEATURES & BENEFITS

Robust Process

Multi pass Safe

Low/No VOC's

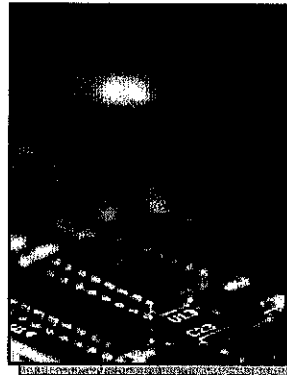
Effective on Reflowed Paste

Good on Uncured SMD Adhesive

Low Concentration/ Cost Effective

Introduction:

AQUANOX A4512 is designed for enhanced cleaning of reflowed no-clean flux residues. Many cleaning applications require multiple passes through an aqueous cleaner. These multiple cleanings have been proven to cause visually unacceptable solder joints. AQUANOX A4512 solves this issue by providing a flexible cleaning process without compromising performance.



120–160 F to ensure complete activation.

The wash bath may be easily monitored and controlled using a drop titration kit. These tests are simple to perform and materials are available from Kyzen Corporation.

Operation:

AQUANOX A4512 is a concentrated cleaning solvent designed for use in aqueous batch or in-line spray machines. This product is used to remove rosin-based flux, no-clean flux residues, lead-free flux, tacky flux, uncured adhesive, mis-printed solder paste and assembly residues from surface mount and through hole printed wire assemblies.

A4512 is intended for use at concentrations ranging from 5 to 20%. In spray applications A4512 should be heated to

Storage and Handling:

All ingredients used in A4512 are TSCA listed. None of the ingredients are regulated under SARA Section 313 or 40 CFR 372.

A4512 is not classified as a flammable liquid by DOT/NFPA. Refer to the Material Safety Data Sheet for specific handling precautions and instructions.

Product Availability:

A4512 is available commercially in 1 gal., 5 gal. and 55 gallon drums.

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PHYSICAL PROPERTIES:

Flash Point (TCC)	None to boiling
Odor	Mild
Boiling Point	99–101 °C
pH (10% Solution)	9.1-10.5
Appearance	Clear Straw Liquid