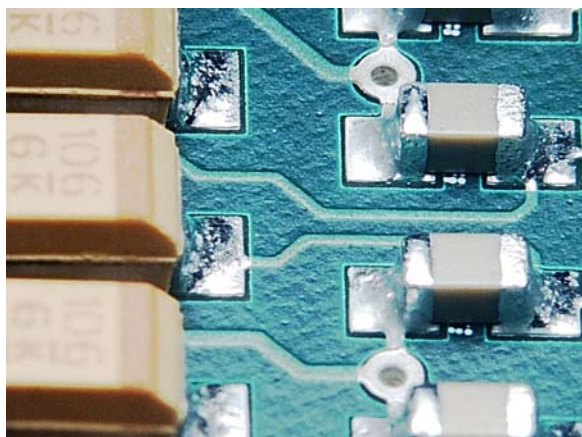


Product Bulletin



AQUANOX[®] A4520

Fifth Generation Aqueous All-Temperature Electronics Cleaner



AQUANOX[®] A4520 is a patented aqueous blend designed for optimum effectiveness on re-flowed pastes, tacky, rosin, no clean, and a majority of lead-free flux residues while exceeding industry standards for people and environmental safety. Easy to use, A4520 is typically employed at 10-20%. For more challenging cleaning situations, a small amount of Kyzen[®] Booster 20 may be added in the wash tank.



Typical Physical and Chemical Properties:

pH 10%	9.9-10.9	VOC, @ 10%	64.9 g/L
Flash Point, °F/°C	None to Boiling	Boiling Point, °F/°C	238°F/114°C
VP of VOC Comp.	0.24 mmHg at 20 °C	Water Solubility	Complete

Recommended Process:

- Optimum concentration: 17%
SCAQMD compliant concentration: 3%
- Optimum temperature <140°F ~ 60°C
- Recommend hot DI water rinse
- Hot air dry

The above conditions are recommendations based on extensive testing done in Kyzen's Application Lab. Your Kyzen Sales Representative can assist you in optimizing your process parameters.

Availability:

AQUANOX[®] A4520 is available in one (1) gallon, five (5) gallon and 55 gallon containers.



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Compatibility:

AQUANOX[®] A4520 has proven compatible with all materials commonly used in electronic assembly manufacturing and cleaning processes. For specific compatibility information, please contact your Kyzen representative.

Environmental, Health and Safety:

AQUANOX[®] A4520 is a biodegradable low VOC aqueous solution. It contains no CFC's or HAP's.

Refer to the Material Safety Data Sheet for more information.



Storage and Handling:

All ingredients in this product are TSCA listed. It is a non-flammable, non-corrosive liquid and can ship via ground, ocean or air.

Packaged in polyethylene containers, AQUANOX[®] A4520, with the seal unbroken, has a suggested shelf-life of five (5) years from date of manufacture in containers of five (5) gallons or more.

The Kyzen Applications Laboratory has evaluated AQUANOX[®] A4520 for effective removal of nearly 300 soldering materials from the worlds leading suppliers including, Senju, Alpha, Kester, Indium, Aim, Koki, Nihon Superior, Amtech, Cobar, EFD, Florida Certek, Formosa, Heraeus, Interflux, Metallic Resource, Multicore, Promosol, Qualitek, Shenmao.



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