

Product Bulletin



AQUANOX[®] A4241

PCB & Stencil Cleaner



AQUANOX[®] A4241 is a new aqueous cleaning solution designed with a revolutionary inhibition technology to be effective on the toughest soils while protecting even the most sensitive parts from etch or darkening. Finally a product that you can use in a multi-process environment, for use in spray batch, spray in-line and stencil cleaning processes. A4241 will provide brilliant solder joints with no sump side additives and consistent cleaning results with minimal bath monitoring. AQUANOX[®] A4241 is multi metal safe including bare aluminum and copper.

Typical Physical and Chemical Properties:

pH 100%	10.5-11.5	VOC, @ 100%	609.3 g/L
Flash Point, °F/°C	None to Boiling	Boiling Point, °F/°C	210°F~99°C
VP of VOC Comp.	0.07 mmHg at 20 °C	Water Solubility	Complete

Recommended Process:

	<u>Stencils</u>	<u>PCB's</u>
• Operating concentration:	<25%	<30%
• Optimum temperature:	<115°F~46°C	<150°F~66°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[®] A4241 is available in one (1) gallon, five (5) gallon and 55 gallon containers.



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Compatibility:

AQUANOX[®] A4241 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[®] A4241 is a non-hazardous, biodegradable 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[®] A4241, 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[®] A4241 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 Cirtech, Formosa, Heraeus, Interflux, Metallic Resource, Multicore, Promosol, Qualitek, Shenmao.



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