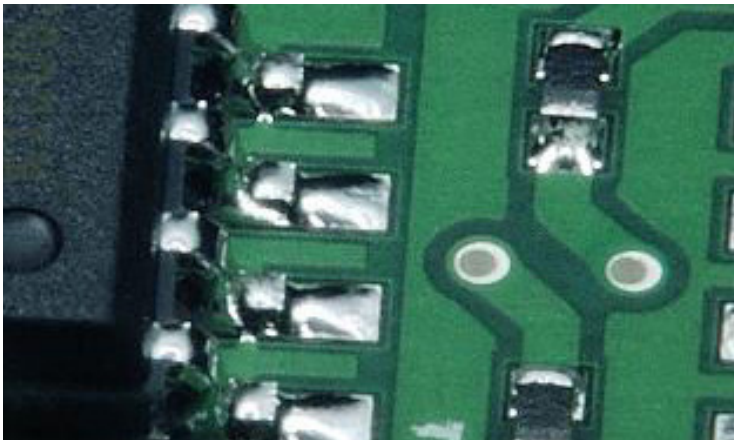
KYZEN
Where Science and Care Converge.

PRODUCT BULLETIN

AQUANOX® A4625B

Aqueous Batch Cleaning Solution

AQUANOX A4625B is an innovative aqueous cleaning chemistry specifically designed to remove all types of electronic flux residues including the latest lead-free solder paste formulas while providing brilliant mirrored solder finishes.



- **Designed Specifically for Batch Cleaning Systems**
- **Low Concentration and Low Cost of Ownership**
- **Eco-Friendly and Low VOC**
- **Excellent Material Compatibility**
- **Brilliant Solder Joints**
- **Effective on No-Clean and Pb-Free Residues**

PRODUCT PROPERTIES	
pH (10g/L)	9.5
FLASH POINT	212°F / 100°C
BOILING POINT	338°F / 170°C
WATER SOLUBLE	Partial
VOC, @ 10%	91.6 g/L

TYPICAL PROCESSES	
APPLICATION	Spray
CONCENTRATION	Up to 25%
TEMPERATURE	Up to 150°F / 65°C
RINSE	DI Rinse Heat Optional
DRY	Hot Air

The above process parameters are recommendations based on extensive testing done in KYZEN's application lab. Your KYZEN sales representative can assist you in optimizing your process parameters.

STORAGE AND HANDLING

- Packaged in Polyethylene Containers
- Store at 5-50°C/41-122°F in Original Container
- Standard Chemical Handling Practices
- Shelf Life of 5 Years in Sealed Containers of 5 gallons/25 liters or More

AVAILABILITY

- 1 Gallon
- 5 Gallons
- 55 Gallons
- 5 Liters*
- 25 Liters*
- 208 Liters*

* Liters Available in South Asia and Europe

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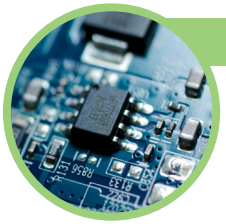
ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

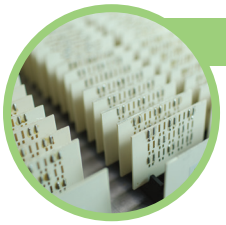
AQUANOX A4625B is RoHs compliant and Halogen-free in accordance with RoHS Directive (EU) 2015/863 and EN 14582:2016. A4625B has a negligible global warming potential, is not regulated as an Ozone Depleting Chemical in the United States, and is not listed as a Hazardous Air Pollutant. Refer to the Safety Data Sheet for more information.

REACH ✓ KYZEN is an ISO 9001:2015 Certified Company



COMPATIBILITY

AQUANOX A4625B is compatible with all materials commonly used in electronic assembly manufacturing and cleaning processes. For specific compatibility information, please contact your KYZEN representative.

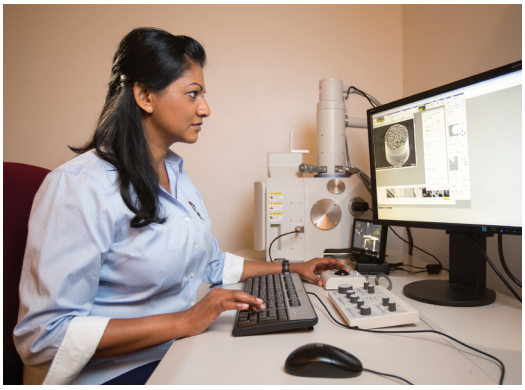


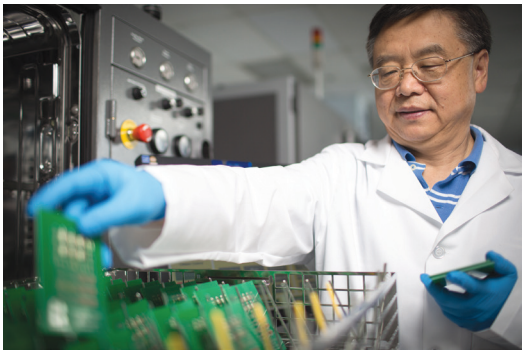
FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

KYZEN will conduct complimentary trials at your factory or "risk-free" testing in one of our global applications laboratories in North America, Asia or Europe to ensure you achieve your goal. Increase your yields and product reliability by identifying and tuning the critical parameters of your cleaning process. With our commitment to science and understanding process, KYZEN has the flexibility to simulate and refine any cleaning process.

Each laboratory is fully equipped with an extensive array of cleaning and analytical equipment including:

- *Batch Washers*
- *In-Line Washers*
- *Ultrasonic Systems*
- *SUI Systems*
- *Vapor Degreasers*
- *GC (TCD and FID)*
- *Scanning Electron Microscope (SEM)*
- *Ion Chromatography*
- *FTIR Spectrophotometer*
- *Humidity Chamber*
- *High Powered Microscopes*





Aqueous, Semi-Aqueous and Vapor Phase Chemistries • Process Evaluation and Optimization
Contract Cleaning • Cleanliness Testing • Soil Analysis

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