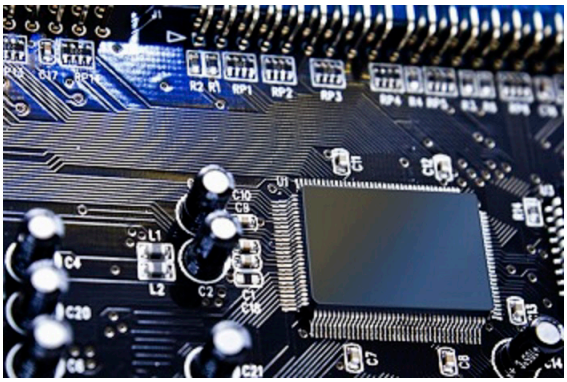
KYZEN
Where Science and Care Converge.

PRODUCT BULLETIN

AQUANOX® A4727

Enhanced Aqueous Assembly Cleaner

AQUANOX A4727 is engineered to be effective, stable and predictable, all day, every day. A4727 is designed for reliable production and assembly operations. Meet your performance cleaning requirements with advanced technology that gives a stable pH and predictable compatibility throughout its long bath life. Environmentally responsible, AQUANOX A4727 can be used at low concentrations to effectively remove even the toughest soils and rinse easily and completely. This easy to control and cost effective solution is a good choice for both in-line and batch cleaning systems.



- **Superior & Complete Rinsing**
- **Exceptional Cleaning of ALL Widely Used Assembly Materials**
- **Components, Coatings, Labels and Equipment Compatible**
- **Stable and Economical Process Conditions**

PRODUCT PROPERTIES

pH (10 g/L)	9.6
FLASH POINT	None to boiling
BOILING POINT	282°F / 139°C
WATER SOLUBLE	Partial
VOC, @ 10%	82.4 g/L

TYPICAL PROCESSES

APPLICATION	Spray-in-Air
CONCENTRATION	10-15%
TEMPERATURE	140°F / 60°C
RINSE	DI Water
DRY	Forced / Heat 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

AQUANOX® A4727

Next Generation Aqueous Assembly Cleaner

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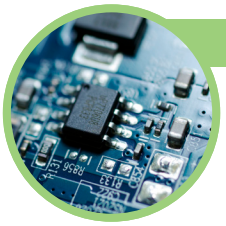
ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

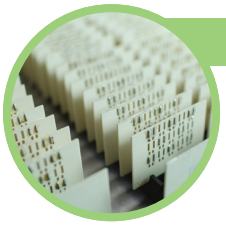
AQUANOX A4727 is RoHs compliant and Halogen-free in accordance with RoHS Directive (EU) 2015/863 and EN 14582:2016. A4727 has a negligible global warming potential, is not regulated as an Ozone Depleting Chemical in the United States and is not listed as a Hazardous Air Pollutant. Refer to the Safety Data Sheet for more information.

REACH ✓ KYZEN is an ISO 9001:2015 Certified Company



COMPATIBILITY

AQUANOX A4727 is engineered to be compatible with leading cleaning systems and with all materials commonly used in electronic assembly manufacturing and cleaning processes. For specific compatibility information, please contact your KYZEN representative.

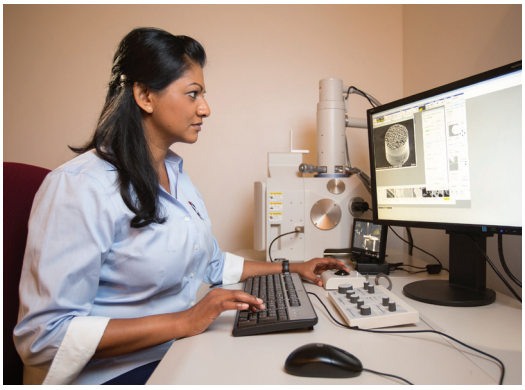


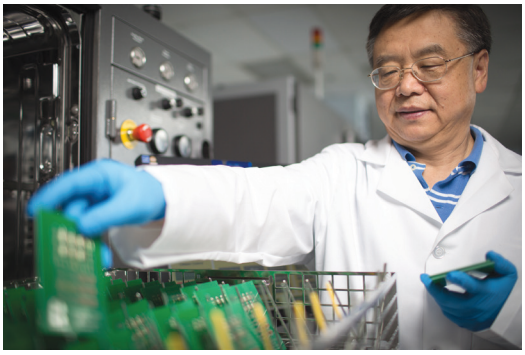
FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

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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