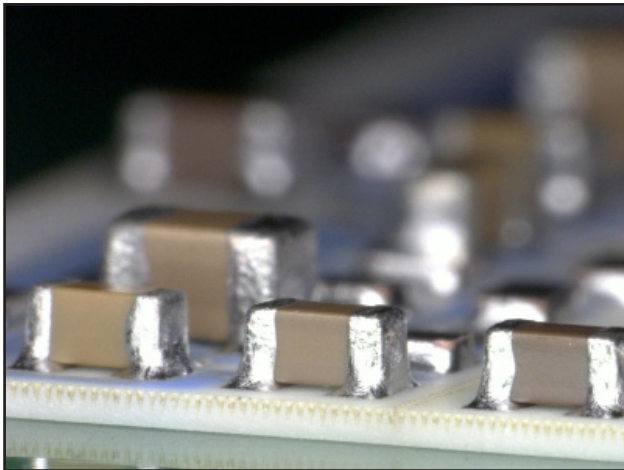


AQUANOX® A4241N

PCB and Stencil Cleaner

AQUANOX A4241N is an innovative aqueous cleaning solution designed to be effective on the toughest soils while protecting even the most sensitive parts from etch or darkening. A4241N is multi-metal safe, including bare aluminum and copper, environmentally friendly, has an adjusted stabilizer package, a long tank life and is safe for multi-pass applications.



- **Revolutionary inhibition technology**
- **Eco friendly & excellent compatibility**
- **Brilliant solder joints with no sump-side additives**
- **Minimal monitoring & maintenance**

PRODUCT PROPERTIES

pH (10g/L)	10.1
FLASH POINT	None to Boiling
BOILING POINT	220°F / 104°C
WATER SOLUBLE	Partial
VOC, @ 10%	64.5 g/L

TYPICAL PROCESSES

APPLICATION	Stencils & PCBs
CONCENTRATION	Stencils: <25% PCB's: <30%
TEMPERATURE	Stencil: <115°F / 46°C PCB's: <150°F / 66°C
RINSE	Hot DI Water Rinse
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 5-30°C/41-86°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 Liters* |
| • 5 Gallons | • 25 Liters* |
| • 55 Gallons | • 200 Liters* |

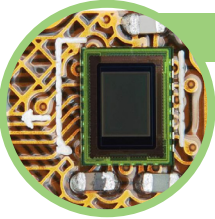
* Liters Available in South Asia and Europe



ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

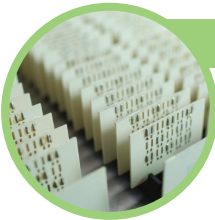
AQUANOX A4241N is a biodegradable aqueous solution. It contains no CFCs or HAPs. Please refer to the Safety Data Sheet for more information.

REACH ✓ KYZEN is an ISO 9001:2015 Certified Company



COMPATIBILITY

AQUANOX A4241N 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.

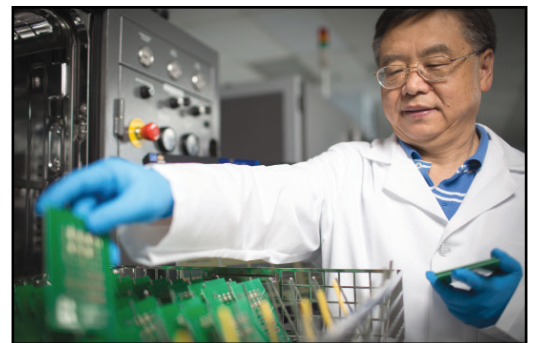


FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

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

Penang, Malaysia
SOUTHEAST ASIAN HEADQUARTERS
+60 4 630 3000

Aalter, Belgium
EUROPEAN HEADQUARTERS
+32 50 395 374

KYZEN.com
Nashville, TN
GLOBAL HEADQUARTERS
+1 615 831 0888

Manchester, NH
NORTH AMERICAN OPERATIONS FACILITY
+1 603 622 2900

Shanghai, China
CHINA OPERATIONS FACILITY
+86 21 5998 7189