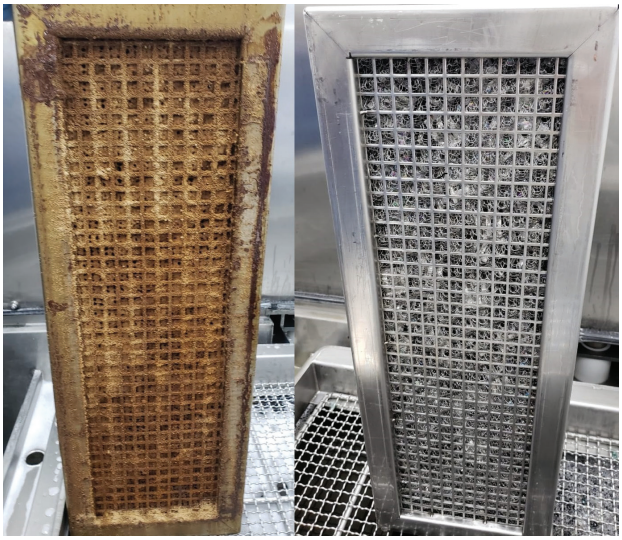
KYZEN
Where Science and Care Converge.

PRODUCT BULLETIN

KYZEN® E5322

Maintenance and Pallet Cleaner

KYZEN E5322 is engineered to effectively perform off-line maintenance cleaning of your wave solder pallets, reflow oven systems, and associated tooling. Using simple and commonly used immersion processes, E5322 safely and effectively removes the accumulated resin/rosin flux build-up from your equipments flux management hardware and pallets.



- **Excellent Compatibility including: Aluminum, Copper, Steel, and Epoxy or Polyester Composites**
- **Successful Results with Minimal Wash Time**
- **Long Bath Life**
- **Low Odor**

PRODUCT PROPERTIES	
pH (10g/L)	11.4
FLASH POINT	None to Boiling
BOILING POINT	216°F / 102°C
WATER SOLUBLE	Complete
VOC, @ 10%	3.1 g/L

TYPICAL PROCESSES	
APPLICATION	Immersion & Soak
CONCENTRATION	10-25%
TEMPERATURE	≤ 150°F/65°C
RINSE	DI Water Recommended
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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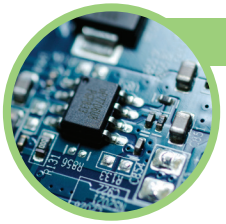
ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

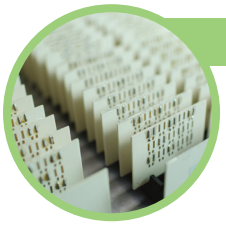
KYZEN E5322 is RoHs compliant and Halogen-free in accordance with RoHS Directive (EU) 2015/863 and EN 14582:2016. E5322 has a negligible global warming potential, is not regulated as an Ozone Depleting Chemical in the United States, and is not listed as a Hazardous Air Pollutant. Refer to the Safety Data Sheet for more information.

REACH ✓ KYZEN is an ISO 9001:2015 Certified Company



COMPATIBILITY

KYZEN E5322 is compatible with all materials commonly used in electronic assembly manufacturing and cleaning processes. For specific compatibility information, please contact your KYZEN representative.

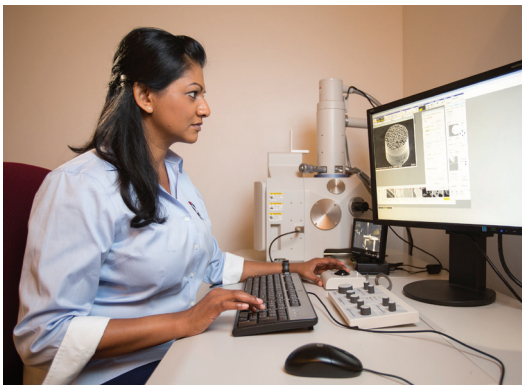


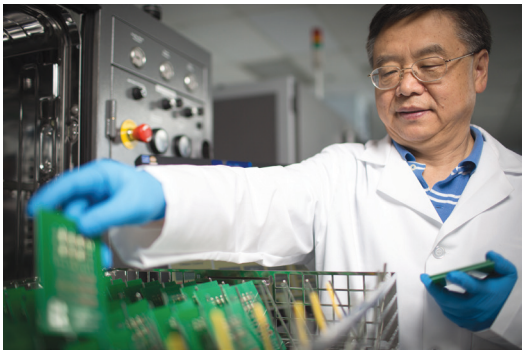
FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

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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