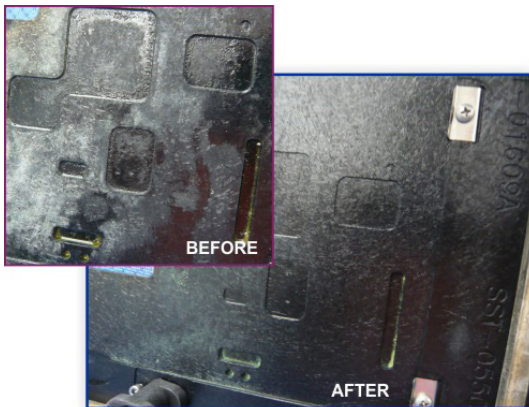


KYZEN® E5321

Pallet & Maintenance Cleaner

KYZEN® E5321 is a room temperature pallet and maintenance cleaning agent. This cost effective chemistry removes all types of solder paste and flux residues, including baked on and hardened lead free high temperature flux residues from wave pallets and filters. Some maintenance applications may require higher concentrations. KYZEN® Booster 20 is available for parts with aluminum hardware.



- **Effective at Ambient Temperature**
- **Successful Results with Minimal Exposure Time**
- **Long Bath Life**
- **Broad Material Compatibility Including PVC Plumbing**
- **No Foam at Low Concentrations**

PRODUCT PROPERTIES

pH (10g/L)	13.2
FLASH POINT	None to Boiling
BOILING POINT	217°F / 103°C
WATER SOLUBLE	Complete
VOC, @ 10%	47.7 g/L

TYPICAL PROCESSES

APPLICATION	Spray, Ultrasonic & Soak
CONCENTRATION	Pallets: 3-10% Maintenance: 5-10%
TEMPERATURE	Ambient to 104°F/40°C
RINSE	Recommended DI Water
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

KYZEN® E5321

Pallet & Maintenance Cleaner



ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

KYZEN® E5321 is a non-hazardous, biodegradable aqueous solution. It contains no CFC's or HAP's. Refer to the Safety Data Sheet for more information.



KYZEN is an ISO 9001:2008 company.

COMPATIBILITY

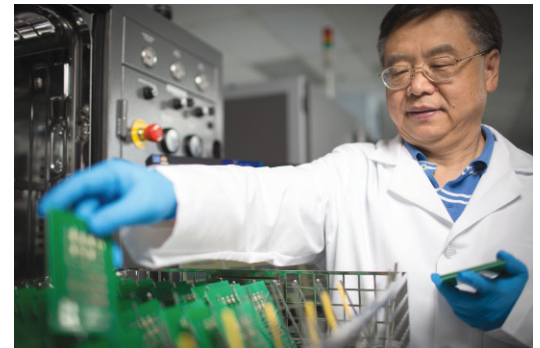
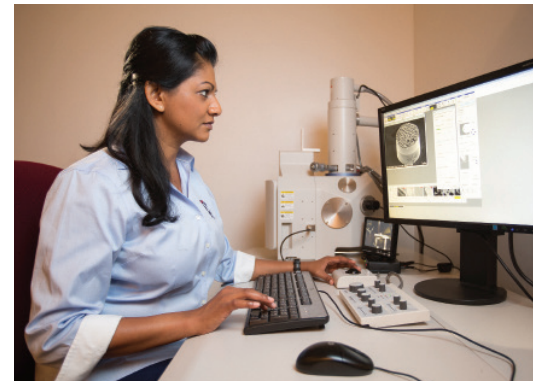
KYZEN® E5321 is compatible with all materials commonly used in electronic assembly manufacturing and cleaning processes. For specific compatibility information, please contact your KYZEN representative.

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 – including yours!

Each laboratory is fully equipped with an extensive array of cleaning and analytical equipment, including, but not limited to:

- 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***

KYZEN.com

Penang, Malaysia
SOUTHEAST ASIAN HEADQUARTERS
+60 4 630 3000

Maldegem, Belgium
EUROPEAN HEADQUARTERS
+32 50 395 374

Nashville, TN
GLOBAL HEADQUARTERS
(615) 831-0888

Manchester, NH
NORTH AMERICAN OPERATIONS FACILITY
(603) 622-2900

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