

Micronox® MX2302

Wafer Level Cleaning Solution

MICRONOX® MX2302 is an engineered semi-aqueous solvent blend designed to remove difficult flux and paste residues including lead-free, rosin, no-clean, and tacky flux from wafer bumps found in flip chip, chip scale and µBGA packages.



- **Effective in Ultrasonic, Centrifugal and Semi-Aqueous Spray Under Immersion Cleaning Systems**
- **Compatible with All Soldering Materials and Metal Layers**

PRODUCT PROPERTIES	
pH @ 10 g/L	NA
Flash Point	180°F ~ 82°C
Boiling Point	302°F / 150°C
Water Soluble	Complete
VOC, 10%	103.5 g/L

TYPICAL PROCESSES	
Application	For use in all immersion systems as received
Operating Concentration	Use as Received
Temperature	<165°F ~ 74°C
Rinse	DI water rinse
Dry	Hot Air

The above process parameters are recommendations based on extensive testing done in Kyzen's Application Lab. Your Kyzen's Sales Representative can assist you in optimizing your process parameters.

ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

MICRONOX® MX2302 is a biodegradable, non-flammable, non-corrosive solvent. It contains no CFC's or HAP's. Refer to the Material Safety Data Sheet for more information.



Kyzen is an ISO 9001:2008 company.



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



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COMPATIBILITY

MICRONOX® MX2302 has proven compatible with all materials commonly used in electronic assembly, wafer bumping and advanced packaging manufacturing and cleaning processes. For specific compatibility information, please contact your Kyzen representative.

STORAGE AND HANDLING

- Packaged in Polyethylene Containers
- Store at 5-30°C/41-86°F in Original Container
- Standard Chemical Handling Practices Required
- 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 Asia and Europe

Free Cleaning Trials and Process Optimizations



Kyzen will conduct free trials at your factory or one of our global Applications Laboratories in North America, Asia or Europe. Our engineers and lab technicians have developed, optimized and evaluated thousands of customer cleaning processes over the last twenty years. Kyzen's Applications Labs are unrivaled in the industry and staffed with experts that have an average of thirty years technical experience.



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



KYZEN

www.kyzen.com

- Batch Washers
- In-Line Washers
- Ultrasonic / SUI Systems
- Stencil Washers
- Vapor Degreasers
- GC(TCD and FID)
- Ion Chromatography
- FTIR Spectrophotometer
- Humidity Chamber

The data contained herein is based on information currently available to Kyzen and is believed to be factual and the opinions expressed to be that of qualified experts, however, the data is not to be taken as a warranty or representative for which Kyzen assumes legal or financial responsibility. Kyzen® and Aquanox® are registered trade names of Kyzen Corporation in the United States and other countries.

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