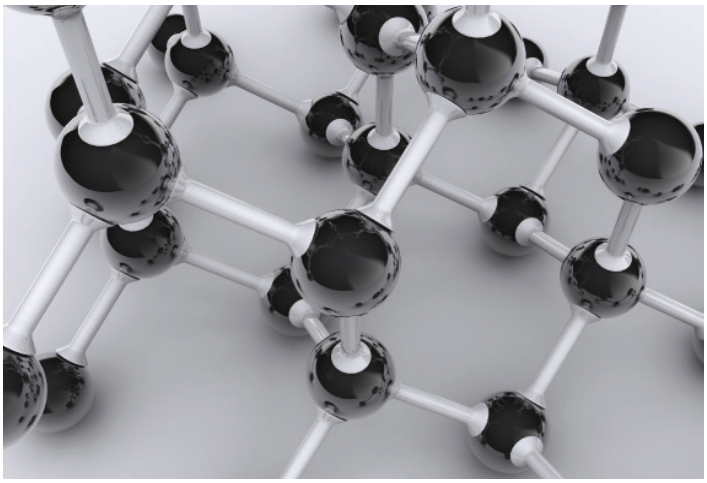
KYZEN
Where Science and Care Converge.

PRODUCT BULLETIN

KYZEN® 3D5420

3D Printing Process Aqueous Resin Cleaner

KYZEN 3D5420 is a water-based aqueous cleaning solution proven effective in removing a variety of uncured resins and contaminants from Stereolithography (SLA) 3D printed parts. 3D5420 provides a cost effective and free rinsing solution for both molds and printed parts.



- **Successfully Removes Resin and Contaminants**
- **Non-Flammable/No Flashpoint**
- **Designed to Clean Molds and SLA 3D Printed Parts**
- **Free Rinsing and Low Odor**
- **Environmentally Safe**

PRODUCT PROPERTIES

pH	N/A
FLASH POINT	None to Boiling
BOILING POINT	219°F / 103°C
WATER SOLUBLE	Partially Miscible
VOC, @ 10%	82.2 g/L

TYPICAL PROCESSES

APPLICATION	Spray-In-Air, Immersion, & Ultrasonic Systems
CONCENTRATION	25-35%
TEMPERATURE	Ambient - 120°F / 49°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 5-50°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*
- 200 Liters*

* Liters Available in South Asia and Europe

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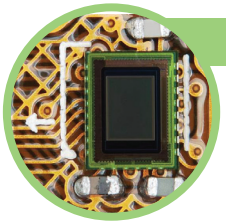
ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

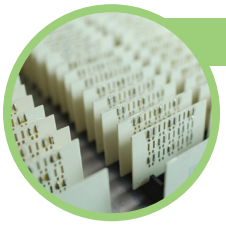
KYZEN 3D5420 is RoHs compliant and Halogen-free in accordance with RoHS Directive (EU) 2015/863 and EN 14582:2016. 3D5420 has a negligible global warming potential, is not regulated as an Ozone Depleting Chemical in the United States, and is not listed as a Hazardous Air Pollutant. Refer to the Safety Data Sheet for more information.

REACH ✓ KYZEN is an ISO 9001:2015 Certified Company



COMPATIBILITY

KYZEN 3D5420 is compatible with all materials commonly used in electronic assembly manufacturing and cleaning processes. For specific compatibility information, please contact your KYZEN representative.

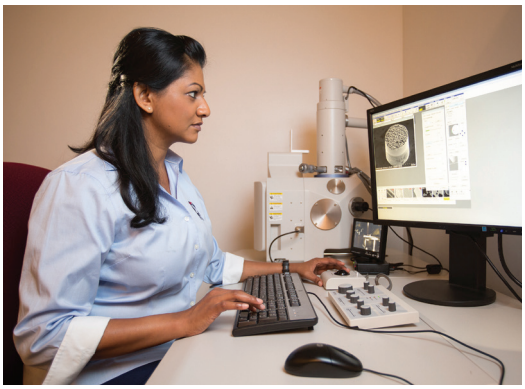


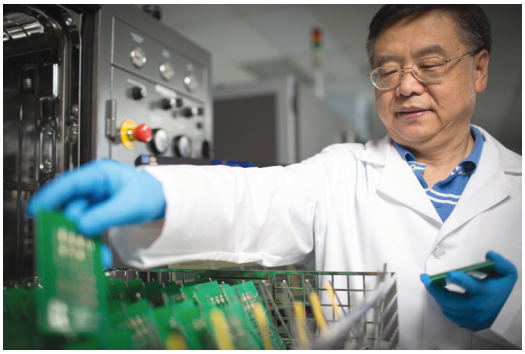
FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

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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