

# KYZEN® PV5862

## *Aqueous Cleaner for Silicon Wafers*

KYZEN® PV 5862 is an improved aqueous blend specially designed for cleaning Silicon and Polysilicon wafers (multi and single) after the ingot sawing process. PV 5862 is capable of removing Silicon dust, fine particles, cutting fluid residues, carbon and metallic residues from the water surface in spray or immersion cleanign systems.



- **Effective at Low Concentrations**
- **For use in Spray & Immersion Systems**
- **Exceptional Particle Removal**
- **Low Cost of Ownership**
- **Easy to Use**
- **Very Low VOC**

### PRODUCT PROPERTIES

<b>pH (10g/L)</b>	7.7
<b>FLASH POINT</b>	None to Boiling
<b>BOILING POINT</b>	212°F/100°C
<b>WATER SOLUBLE</b>	Complete
<b>VOC, @ 10%</b>	2.1 g/L

### TYPICAL PROCESSES

<b>APPLICATION</b>	Spray & Immersion
<b>CONCENTRATION</b>	<5%
<b>TEMPERATURE</b>	<140°F / 60°C
<b>RINSE</b>	DI Water Rinse
<b>DRY</b>	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® PV5862

*Mild Aqueous Cleaner for Silicon Wafers*



## ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

KYZEN® PV5862 is a combustible, non-corrosive 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® PV5862 is compatible with all materials commonly used in wafer cleaning equipment and processes. For specific compatibility information, please contact your KYZEN representative.

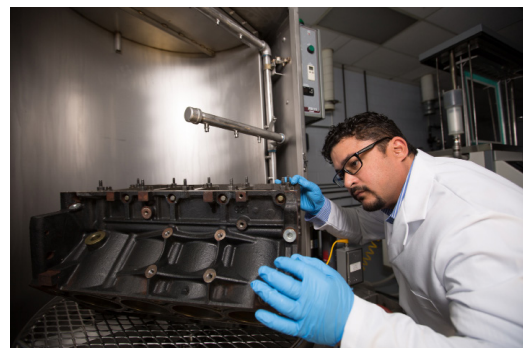
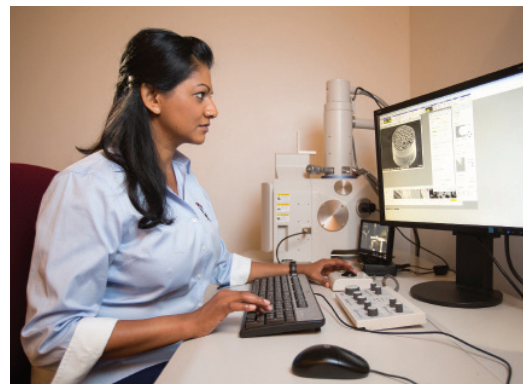


## FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

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***