

# METALNOX<sup>®</sup> M6094

## Copper and Brass Oxide Remover

METALNOX M6094 is a mild citric acid formulation designed to be effective in the removal of metal oxides from yellow metals. It can be used in both spray and immersion cleaning systems. It's safe and can be used on a variety of metals including steel, aluminum, brass, and copper. M6094 also has the propensity to not leave "belt marks" when flat copper is processed on stainless wire belts.



- **Effective Copper Cleaning Chemistry**
- **Removes Copper Oxides**
- **Effective in Spray and Immersion Applications**
- **Low VOC**

### PRODUCT PROPERTIES

<b>pH (10g/L)</b>	2.8
<b>FLASH POINT</b>	Not Applicable
<b>BOILING POINT</b>	214°F/101°C
<b>WATER SOLUBLE</b>	Soluble
<b>VOC, @ 10%</b>	8.9 g/L

### TYPICAL PROCESSES

<b>APPLICATION</b>	Spray & Immersion Systems
<b>CONCENTRATION</b>	3-20%
<b>TEMPERATURE</b>	120-150°F / 48-55°C
<b>RINSE</b>	Required
<b>DRY</b>	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 Liters*   |
| • 5 Gallons  | • 25 Liters*  |
| • 55 Gallons | • 200 Liters* |

\* Liters Available in South Asia and Europe

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## ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS



METALNOX M6094 is RoHS compliant and Halogen-free in accordance with RoHS Directive (EU) 2015/863 and EN 14582:2016. M6094 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. It contains no CFCs or HAPs. Refer to the Safety Data Sheet for more information.

**REACH** ✓ KYZEN is an ISO 9001:2015 company.

## COMPATIBILITY



METALNOX M6094 is compatible with all materials of construction used in industrial parts cleaning systems and processes. For specific compatibility information, please contact your KYZEN representative.

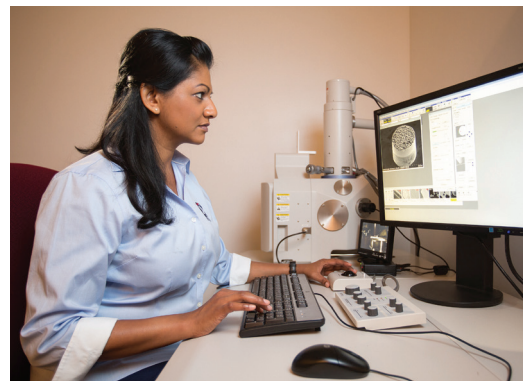
## FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS



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***

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