

METALNOX[®] M6310

Mild Alkaline Cleaner with Aluminum/Brass Protection

Metalnox[®] M6310 is a mild alkaline, aqueous cleaning chemistry designed to remove machining oils, burned on carbon and other manufacturing soils from all types of metal substrates. M6310 is highly effective on tungsten carbide and other metals susceptible to chemical attack.



- **Use in Spray and Immersion Applications**
- **Contains No Amines**
- **Contains Corrosion Inhibitors for Aluminum, Brass and other Copper Alloys**
- **Successful on Brass Screw Machine Parts**

PRODUCT PROPERTIES	
pH @ 10%	11.3-12.3
Flash Point	None to Boiling
Boiling Point	208°F/98°C
Water Soluble	Soluble
VOC, 10%	<0.10 g/L

TYPICAL PROCESSES	
Application	Spray or Immersion Systems
Operating Concentration	3-8% for spray, 7-12% for immersion
Temperature	amb-160°F/71°C for spray and immersion
Rinse	Optional
Dry	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

Metalnox[®] M6310 is a non-flammable, non-corrosive, VOC-free, biodegradable aqueous solution. 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

Metalnox[®] M6310 has proven compatible with most materials of construction used in industrial parts cleaning systems and 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 Gallons
- 55 Gallons
- 5 Liters*
- 25 Liters*
- 200 Liters*

*Liters Available in South 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.



KYZEN

www.kyzen.com

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 / SUI Systems
- Stencil Washers
- Vapor Degreasers
- GC(TCD and FID)
- Ion Chromatography
- FTIR Spectrophotometer
- Humidity Chamber
- High Powered Hirox Microscopes

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 Metalnox[®] are registered trade names of Kyzen Corporation in the United States and other countries. 121412

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