

METALNOX[®] M6060

Phosphatizing Solution and Cleaner

METALNOX M6060 is an effective pre-treatment chemistry for steel parts. It is used prior to coating operations for cleaning and phosphatizing, or strictly phosphatizing. Superior results can be achieved when M6060 is used in a 5-stage (or more) phosphating coating line. M6060 is a low VOC product.



- **For Pre-Cleaning Step, Use METALNOX M6314 for Improved Results**
- **Greatly Enhances Adhesion of Oil Base and Powder Coat Paint**
- **De-Emulsifies to Allow Oil to Separate from the Solution**
- **For Effective Corrosion Protection, Add CP90S to the Final Stage in the Process**

PRODUCT PROPERTIES

pH (10 g/L)	3.1
FLASH POINT	None to Boiling
BOILING POINT	>212°F/>100°C
WATER SOLUBLE	Complete
VOC 10%	0.1 g/L

TYPICAL PROCESSES

APPLICATION	Spray or Immersion
CONCENTRATION	Dependent on type of steel and phosphate level required
TEMPERATURE	130°-150°F / 55°-65°C

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

AVAILABILITY

- | | |
|--------------|---------------|
| • 1 Gallon | • 5 Liters* |
| • 5 Gallons | • 25 Liters* |
| • 55 Gallons | • 200 Liters* |

** Liters available in Asia and Europe.*

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ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

METALNOX M6060 is RoHS compliant and Halogen-free in accordance with RoHS Directive (EU) 2015/863 and EN 14582:2016. M6060 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 company.



COMPATIBILITY

METALNOX M6060 is compatible with all materials of construction used in industrial parts cleaning systems and processes. For specific compatibility information, please contact your KYZEN representative.

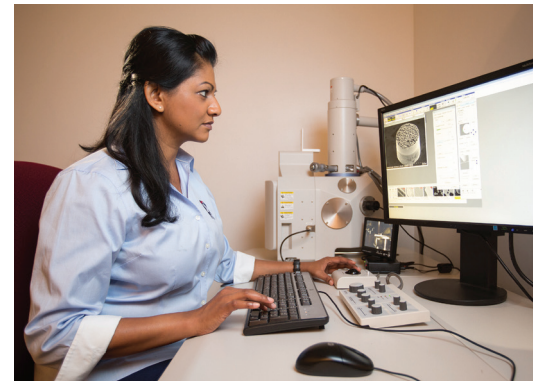


FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

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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