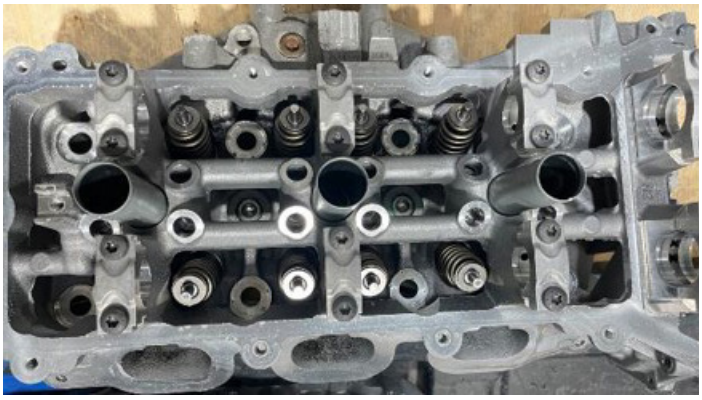
KYZEN
Where Science and Care Converge.

PRODUCT BULLETIN

# METALNOX® M6353

*Aqueous Cleaner for Remanufacturing*

METALNOX M6353 is a heavy duty cleaning chemistry designed to meet the stringent demands of automotive re-manufacturing operations. M6353 effectively removes heavily burned-on oils and carbon from aluminum and steel parts without damaging or discoloring. M6353 is designed for ultrasonic and immersion cleaning systems. M6353 is highly concentrated and provides for an exceptionally long bath life.



- **Effective on Heavy Burned Oils and Carbonaceous Soils**
- **Recommended for Cleaning Aluminum Components in Auto Remanufacturing Operations**
- **M6353 Rapidly Splits Oil Out of Solution Removal via Coalescer and/or Skimming**
- **Contains Corrosion Inhibitors for Aluminum, and all Copper Alloys**

## PRODUCT PROPERTIES

| | |
|---|---|
| **pH (10g/L)** | 11.4 |
| **FLASH POINT** | None to Boiling |
| **BOILING POINT** | 216°F/102°C |
| **WATER SOLUBLE** | Complete |
| **VOC, @ 10%** | 3.1 g/L |

## TYPICAL PROCESSES

| | |
|---|---|
| **APPLICATION** | Immersion & Ultrasonic |
| **CONCENTRATION** | 10-15% |
| **TEMPERATURE** | 140°-158°F/60°-70°C |
| **RINSE** | Optional as required |
| **DRY** | 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*
- 208 Liters*

* Liters Available in South Asia and Europe

# METALNOX M6353

*Aqueous Cleaner for Remanufacturing*

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## ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

METALNOX M6353 is RoHs compliant and Halogen-free in accordance with RoHS Directive (EU) 2015/863 and EN 14582:2016. M6353 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 M6353 is compatible with all materials of construction used in industrial parts cleaning systems and processes. For specific compatibility information, please contact your KYZEN representative.

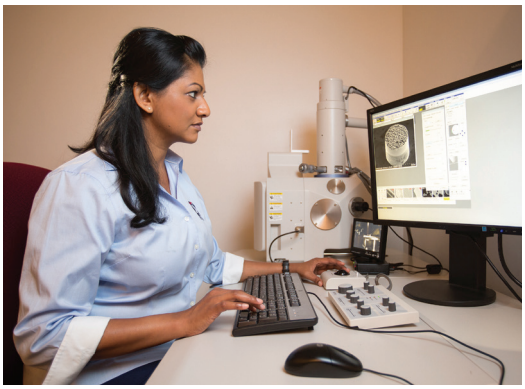


## FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

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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