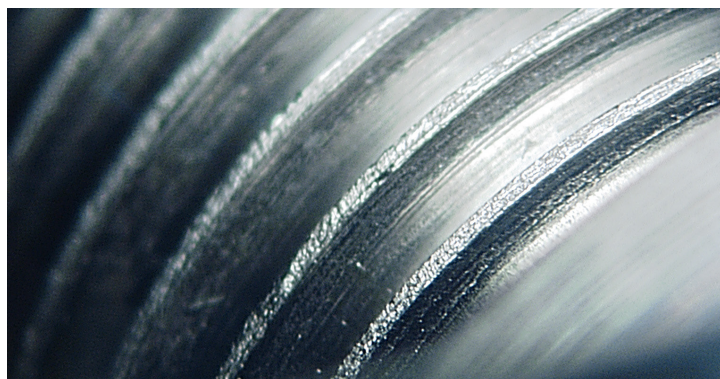


METALNOX® M6319

Aqueous Alkaline Industrial Parts Cleaner

METALNOX M6319 is a liquid, mild alkaline cleaning concentrate for removing a wide range of machining oils, coolants and general cutting, drawing compounds, forming fluids and hydrocarbon lubricants from steel, stainless steel and copper (alloys and plating). In addition, M6319 is safe to use on hastelloy, inconel, magnesium, magnesium alloys, monel, Ni-Cad plating, nickel alloys and titanium alloys.



- **Used in Spray and Immersion Cleaning Machines**
- **Rinses Completely for a Spot Free Finish**
- **De-Emulsifies to Allow Oil to Separate from the Wash**
- **Low VOC**

PRODUCT PROPERTIES

pH (10g/L)	>12
FLASH POINT	None to Boiling
BOILING POINT	218°F/103°C
WATER SOLUBLE	Complete
VOC, @ 10%	<0.10 g/L

TYPICAL PROCESSES

APPLICATION	Spray & Immersion Systems
CONCENTRATION	Spray: 3-10% Immersion: 7-12%
TEMPERATURE	120-160°F / 48-70°C
RINSE	Optional
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 Liters* |
| • 5 Gallons | • 25 Liters* |
| • 55 Gallons | • 200 Liters* |

* Liters Available in South Asia and Europe

METALNOX® M6319

Aqueous Alkaline Industrial Parts Cleaner



ENVIRONMENTAL, HEALTH AND SAFETY REGULATIONS

METALNOX M6319 is a non-flammable, low VOC, biodegradable solution. It contains no CFCs or HAPs. Refer to the Safety Data Sheet for more information.



KYZEN is an ISO 9001:2015 company.



COMPATIBILITY

METALNOX M6319 is compatible with all materials of construction used in industrial parts cleaning systems and processes. For specific compatibility information, please contact your KYZEN representative.

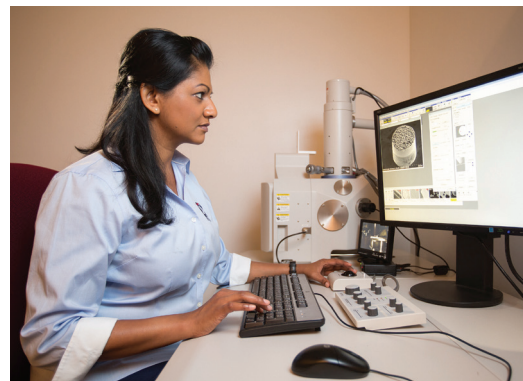


FREE CLEANING TRIALS AND PROCESS OPTIMIZATIONS

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***

KYZEN.com

Penang, Malaysia
SOUTHEAST ASIAN HEADQUARTERS
+60 4 630 3000

Aalter, Belgium
EUROPEAN HEADQUARTERS
+32 50 395 374

Nashville, TN
GLOBAL HEADQUARTERS
(615) 831-0888

Manchester, NH
NORTH AMERICAN OPERATIONS FACILITY
(603) 622-2900

Shanghai, China
SOUTH CHINA OPERATIONS FACILITY
+86 21 5998 7189

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