

AquaKlean MF1

Technical Data Sheet

Metal Cleaner

Non-silicated liquid multi-metal cleaner for spray washer and tank applications, with low to moderate foaming.

Description:

NuGeneration Technologies' **AquaKlean MF1** is an alkaline, Non-Hazmat, liquid cleaner with low to moderate foaming for use in tank applications. The non-silicated and non-caustic formula will not sludge or scale up. The alkaline formula allows **AquaKlean MF1** to easily clean grease and oils from most ferrous and non-ferrous metals. Other acceptable materials include: plastics, ceramics and glass.

Characteristics:

AquaKlean MF1 was formulated to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. **AquaKlean MF1** provides excellent wetting and rinsing properties and is therefore an excellent choice for pre-plate cleaning. Removes: inks, polishing and buffing compounds, grease, oils, fingerprints, drawing compounds, and metalworking fluids.

Directions for Use:

AquaKlean MF1 is effective at ambient temperatures. However, it is normally used at 5 to 20% by volume of water at 120° to 165°F for 5 seconds to 5 minutes. **AquaKlean MF1** will foam at temperatures less than 110°F. The parameters can vary due to the type and extent of soils to be removed. Temperatures may be increased slightly for shorter time cycles. Not safe on Magnesium. Test for discoloration on cuprous alloys and Aluminum.



Product Benefits

- Multi-metal spray and tank cleaner and degreaser
- Biodegradable
- Non-Hazmat
- Low to moderate foaming tendencies



Physical Properties

Use concentration (spray, >140 °F)	1 - 2% by volume
Use concentration (immersion)	2.5 - 20% by volume
Bulk Density	8.9 lbs/gal
Operating Temps	>70 °F Best at 120 °F to 165 °F
pH, Concentrate	11.6 - 11.9
pH, @5%	11.0 - 11.6
VOC (Concentrate)	85 g/L
Flash Point	None
Chelates	Yes
Soluble in water	Complete
Biodegradable	Yes
Corrosive	No
BAAQMD	Exempt from reporting

Availability: 5-gallon and 55-gallon containers, 275-gallon totes and bulk tankers.

Shipment: DOT – Non-Regulated Material, Liquid

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40 ° F - 120 °F.

Disposal: Dispose of in accordance with local, state, and federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: info@nugentec.com.

Regulatory: This product is classified and labeled according to the Globally Harmonized System (GHS).

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EMERGENCY OVERVIEW:

This product may cause irritation to the skin and eyes. Harmful if swallowed.

SAFETY:

Please make sure you have read and understand the product label and SDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.