

# AquaKlean

## Technical Data Sheet

### AquaKlean EF 105 MF

#### Non-silicated liquid multi-metal cleaner for tank applications.

##### Application Notes:

NuGeneration Technologies' AquaKlean EF 105 MF is a mildly alkaline liquid cleaner. Moderate-foaming f or use in tank applications. The non-silicated and non-caustic formula will not sludge or scale-up. The mildly alkaline formula allows AquaKlean EF 105 MF to be used as a multi-metal cleaner. Other acceptable materials include: plastics, ceramics and glass. May be used in solvent replacement tanks with hand brushing operations.



AquaKlean EF 105 MF was formulated to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. **AquaKlean EF 105 MF 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.

**Availability:** 5-gallon and 55-gallon containers; 300-gallon tote-bins and bulk tankers.

**Shipment:** Freight classification is "cleaning compound, NOBIN – Liquid."  
*DOT – NON Regulated Material.*

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

**Disposal:** Dispose of in accordance with local, state, and federal regulations.

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AQUAKLEAN  
EF 105MF



**Application Procedure:** AquaKlean EF 105 MF is effective at ambient temperatures. However, it is normally used at 1 to 10% by volume of water at 120° to 165°F for 5 seconds to 5 minutes. The parameters can vary due to the type and extent of soils to be removed. Temperatures may be increase slightly for shorter time cycles. Not safe on magnesium. Test for discoloration on cuprous alloys.

## Typical Usage Parameters:

AquaKlean EF 105 MF	
Description	Mild Alkaline Cleaner
Concentration Range – Spray	1%-2% (run at >120°F)
Concentration Range – Immersion	2.5%-10%
Operating Temps	70°F and up Best >120° to 165°F
Immersion/Ultrasonic	•
Spray (< 10 psi)	•
Ferrous Metals	•
Non-Ferrous Metals	•
Glass	•
Plastics/Polymers	•

## Physical Properties:

AquaKlean EF 105 MF	
pH, Concentrate	10.5
pH, @ 5% b.v.	10.2
Bulk Density, #/gal	8.8
Flash Point	None
Solubility In Water	Complete
Biodegradable	Yes
Chelates	No
Corrosive	No
VOC (Concentrate)	< 40 g/L
Ozone Friendly	Yes



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### Safety:

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

