

# AquaKlean

## Technical Data Sheet

### AquaKlean EF53

**Non-silicated liquid multi-metal cleaner  
for tank applications.** Meets MIL-PRF-85704C, Type II

#### Application Notes:

NuGeneration Technologies' AquaKlean EF53 is a mildly alkaline liquid cleaner with moderate foaming tendencies for use in tank applications. The non-silicated and non-caustic formula will not sludge or scale-up. The mildly alkaline formula allows AquaKlean EF53 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. Contains sodium nitrite for flash rust protection.



AquaKlean EF53 was formulated as a heavy duty cleaner to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. **AquaKlean EF53 Meets MIL-PRF-85704C, Type II**. 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.  
For assistance with disposal contact NuGeneration Technologies at 888-99-NuGen or email: [salesteam@nugentec.com](mailto:salesteam@nugentec.com).

## DIRECTIONS FOR USE:

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 EF53	
Description	Mild Alkaline Cleaner
Spray	1%-5%
Operating Temps	120 to 165 ° F
Foaming Properties	Low-moderate
Ferrous Metals	•
Aluminum	•
Brass/copper	•
Oil Splitting Formula	•

## Physical Properties:

AquaKlean EF53	
pH, Concentrate	9.8
pH, @ 5%	8.8
Bulk Density, #/gal	8.7
VOC (Concentrate)	0 g/L
Flash Point	None
Chelates	None
Phosphated	NO
Biodegradable	YES
Corrosive	NO



### 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.



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