



## AquaKlean EF 55: Non-silicated liquid multi-metal cleaner for tank applications.

### Application Notes:

NuGeneration Technologies' AquaKlean EF 55 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 EF 55 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 EF 55 was formulated as a heavy duty cleaner to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. **AquaKlean EF 55 provides excellent wetting and is therefore an excellent choice for pre-plate cleaning.** Removes: inks, polishing and buffing compounds, grease, oils, fingerprints, drawing compounds, metalworking fluids.

### Application Procedure:

AquaKlean EF 55 is effective at ambient temperatures. However, it is normally used at 5 to 15% by volume of water at 120 to 180 °F for 5 seconds to 10 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 and for compatibility with aluminum alloys.

### Typical usage parameters:

AquaKlean EF 55	
Description	Mild alkaline cleaner
Concentration Range – Spray	Not recommended
Concentration Range – Immersion	5%-15%
Operating temps	70F and up but, Best >120 to 180 °F



### Physical Properties:

AquaKlean EF 55	
pH, concentrate	11.5 – 12.0
pH, @ 5% b.v.	11.0 – 11.5
Bulk Density, #/gal	8.9
Flash point	None
Solubility in water	Complete
Biodegradable	Yes
Chelates	No
Corrosive	No
Flash Rust protection	YES – sodium nitrite
VOC (concentrate)	< 80 g/L
Ozone friendly	Yes



**Availability:** Available in 5, 55 and 300 gallon containers. Bulk tank shipments also available.

**Shipment:** Freight classification is "cleaning compound, NOBIN – Liquid."

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

**Disposal:** Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-Nugen or e-mail: [info@nugentec.com](mailto:info@nugentec.com).

