



AquaKlean EF 125: Non-silicated liquid Ferrous metal cleaner for tank applications.

Application Notes:

NuGeneration Technologies' AquaKlean EF 125 is an alkaline liquid cleaner. Moderate to high foaming for use in tank/ultrasonic applications. The non-silicated formula will not sludge or scale-up. Other acceptable materials include: Brass, copper, Stainless steel, plastics, ceramics and glass.

AquaKlean EF 125 was formulated to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. **AquaKlean EF 125 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, metalworking fluids.

Application Procedure:

AquaKlean EF 125 is effective at ambient temperatures. However, it is normally used at 5 to 10% by volume of water at 120 to 200 °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 125	
Description	Liquid alkaline cleaner
Concentration Range – Immersion	5%-10%
Operating temps	70F and up but, Best >120 to 200 °F

Physical Properties:

AquaKlean EF 125	
pH, concentrate	13.5
pH, @ 5% b.v.	12.5
Bulk Density, #/gal	9.0
Flash point	None
Solubility in water	Complete
Biodegradable	Yes
Chelates	No
Corrosive	Yes
VOC (concentrate)	< 60 g/L
Ozone friendly	Yes

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

Shipment: Freight classification is "Corrosive Liquid nos (sodium hydroxide), 8, PG III, UN1760"

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

(1) 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

