

AquaKlean EF105

Technical Data Sheet

Metal Cleaner

**Nitrated, non-silicated liquid multi-metal cleaner for tank applications.
With FLASH RUST PROTECTION.**

Description:

NuGeneration Technologies' AquaKlean EF105 is a mildly alkaline liquid cleaner for use in soak tank (ultrasonic) applications. The non-silicated and non-caustic formula will not sludge or scale up. The mildly alkaline formula allows AquaKlean EF105 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 applications. Nitrated formula protects against flash rusting and

Characteristics:

AquaKlean EF105 was formulated to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. **AquaKlean EF105** 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 EF105 is effective at ambient temperatures. However, it is normally used at 1 to 10% by volume of water at 120 °F 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 increased slightly for shorter time cycles. Not safe on Magnesium. Test for discoloration on cuprous alloys. For flash rust protection use at <5% by volume.



Product Benefits

- Multi-metal spray and tank cleaner and degreaser
- Built in corrosion (Flash Rust) inhibitors
- Non-silicated, moderate foam
- Excellent oil splitting capability for recirculating systems



Physical Properties

Use concentration (spray)	1 - 2% by volume
Use concentration (immersion)	2.5 - 10% by volume
Use concentration (for flash rust protection)	>5%
Bulk Density	8.6 lbs/gal
Operating Temps	70°F and up Best >120° to 165°F
pH, Concentrate	10.5 - 11.0
pH, @5%	11.4 - 11.6
VOC (Concentrate)	62 g/L
Flash Point	None
Chelates	Yes
Soluble in water	Complete
Biodegradable	Yes
Corrosive	No

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).

**1155 Park Avenue
Emeryville, CA 94608**

Phone: (888) 99-NuGen

Phone: (888) 996-8436

Fax: (707) 891-3012

www.NuGenTec.com

info@NuGenTec.com

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.