

AquaKlean STC

Technical Data Sheet

Metal Cleaner

Highly alkaline ultra-heavy-duty cleaner for spray & immersion.

Description:

NuGeneration Technologies' **AquaKlean STC** is a highly alkaline liquid cleaner. Low-foaming for use in both spray and tank applications. **AquaKlean STC** can be used at ambient temperatures for the most demanding cleaning jobs on ferrous metals and stainless steels. With a lower conductivity than most highly alkaline cleaners, **AquaKlean STC** allows for faster, more complete rinsing.



Characteristics:

AquaKlean STC was formulated to provide a solvent-free, advanced cleaning of ferrous metals and stainless steels. At temperatures above 110 °F, **AquaKlean STC** will not foam. Removes: inks, polishing and buffing compounds, grease, oils, chlorinated oils, fingerprints, drawing compounds, metalworking fluids and carbonaceous deposits.

Directions for Use:

AquaKlean STC is effective at ambient temperatures. However, it is normally used at 1 to 10% by volume of water at 110 °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. Do NOT use on Aluminum, Copper, Zinc, Lead, Tin or their alloys (Brass, Bronze, etc.). Safe for use on Steel, Cast Iron, and Magnesium.

Product Benefits

- Ferrous metal & stainless steel spray and tank cleaner and degreaser
- Releases metal complexes during water treatments
- Non-silicated, low foam
- High soil loading and, fast, complete rinsing



Physical Properties

Use concentration (spray)	1 - 5% by volume
Use concentration (immersion)	2 - 10% by volume
Bulk Density	11.7 lbs/gal
Operating Temps	Ambient to 190°F
pH, Concentrate	14.0
pH, @5%	13.2
VOC (Concentrate)	0 g/L
Flash Point	None
Chelates	Yes
Soluble in water	Complete
Biodegradable	Yes
Corrosive	Yes

Availability: 5-gallon and 55-gallon containers, 275-gallon totes and bulk tankers.

Shipment: UN3266 Corrosive liquid, basic, inorganic, n.o.s (Potassium Hydroxide), 8, PG II, ERG #154

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).

EMERGENCY OVERVIEW:

This product may cause burns 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.

**1155 Park Avenue
Emeryville, CA 94608**

Phone: (888) 99-NuGen

Phone: (888) 996-8436

Fax: (707) 891-3012

www.NuGenTec.com

info@NuGenTec.com