

AquaKlean STC-RP12

Technical Data Sheet

Metal Cleaner

Spray tank cleaner with flash rust inhibitor with a working pH buffered to pH 12. Highly alkaline, ultra heavy duty cleaner for spray and immersion applications.

Description:

NuGeneration Technologies' AquaKlean STC-RP12 is a highly alkaline liquid cleaner with flash rust inhibitors that yield extended indoor rust protection for up to 90 days. Low-foaming for use in both spray and tank applications.

AquaKlean STC-RP12 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-RP12 allows for faster, more complete

Characteristics:

AquaKlean STC-RP12 was formulated to provide a solvent-free, advanced cleaning of ferrous metals and stainless steels. At temperatures above 110 °F, AquaKlean STC-RP12 will not foam. Removes: inks, polishing and buffing compounds, grease, oils, chlorinated oils, fingerprints, drawing compounds, metalworking fluids and carbonaceous deposits. AquaKlean STC-RP12 is a solvent-free product and releases metal complexes during water treatment.

Directions for Use:

AquaKlean STC-RP12 is effective at ambient temperatures. However, it is normally used at 1 to 10% by volume of water at ambient to 190 °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
- Built in corrosion (Flash Rust) inhibitors
- Non-silicated, low foam and buffered to pH 12
- 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	11.6 lbs/gal
Operating Temps	Ambient to 190°F
pH, Concentrate	13.5
pH, @5%	12.0
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.

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