

AquaKlean STC-HT

Technical Data Sheet

Metal Cleaner

Spray tank cleaner with flash rust preventative. Highly alkaline, ultra heavy duty cleaner & flash rust preventative for spray and immersion applications. “No-Rinse Applications.”

Description:

NuGeneration Technologies' AquaKlean STC-HT is a highly alkaline liquid cleaner with flash rust inhibitors that yield extended indoor rust protection for up to 90 days. Very low-foaming, and effective over a wide temperature range. With no cloud point, AquaKlean STC-HT can be used at all operating temperatures while remaining clear; this allows for maximum cleaning efficiency, and ease of use for operators in determining soil levels in the cleaning solution.

Characteristics:

AquaKlean STC-HT was formulated with a much lower conductivity than most conventional highly alkaline cleaners and therefore allows faster rinsing and zero spotting. In certain applications where heavy-duty flash rust prevention is desired, AquaKlean STC-HT may also be left to remain on part surfaces while still achieving zero spotting. Removes: inks, polishing and buffing compounds, grease, oils, chlorinated oils, fingerprints, drawing compounds, metalworking fluids and carbonaceous deposits. Releases metal complexes during water treatment.

Directions for Use:

AquaKlean STC-HT 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
- Built in corrosion (Flash Rust) inhibitors
- Non-silicated, very low foam
- High soil loading and fast, complete rinsing or “No-Rinse” applications



Physical Properties

Use concentration (spray)	1 - 5% by volume
Use concentration (immersion)	2 - 10% by volume
Bulk Density	11.1 lbs/gal
Operating Temps	Ambient to 190°F
pH, Concentrate	13.5
pH, @5%	13.2
VOC (Concentrate)	40 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).

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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.