

NuKlean STC: Spray-Tank-Cleaner

Highly Alkaline Ultra Heavy-Duty Cleaner For Spray & Immersion

Application Notes:

NuGeneration Technologies' NuKlean STC is a highly alkaline liquid cleaner. Low-foaming for use in both spray and tank applications. **NuKlean STC** can be used at ambient temperatures for the most demanding cleaning jobs on ferrous metals and stainless steels. At temperatures above 110°F NuKlean STC will not foam. NuKlean STC has a lower conductivity than most conventional highly alkaline cleaners and will therefore allow for faster rinsing. **NuKlean STC** is a solvent free product.

Removes: inks, polishing and buffing compounds, grease, oils, chlorinated oils, fingerprints, drawing compounds, metalworking fluids and carbonaceous deposits.

Application Procedure:

NuKlean STC 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 increase slightly for shorter time cycles. Not safe on aluminum, aluminum alloys, brass, copper, or zinc; safe on magnesium.

Typical usage parameters:

NuKlean STC	
Description	Highly alkaline Spray-tank-cleaner
Concentration Range – Spray	1%-5%
Concentration Range – Immersion	2%-10%
Operating temps	ambient to 190°F
Process times	5 seconds to 5 minutes

Physical Properties:

NuKlean STC	
pH, concentrate	14
pH, @ 5% b.v.	13.2
Bulk Density, #/gal	11.5
Flash point	None
Solubility in water	Complete
Biodegradable	Yes
Chelates	No
Corrosive	Yes
Ozone friendly	Yes
VOC	NONE



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

Shipment: Freight classification is "corrosive liquid, 8, PG III (potassium hydroxide mixture), UN 1760."

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 email: info@nugentec.com.