

AquaKlean® SUS

Technical Data Sheet

Multi-Metal Spray, Ultrasonic and Soak Cleaner

Powerful, low-foaming spray, ultrasonic and soak cleaner.

Description:

NuGeneration Technologies' AquaKlean® SUS is a low foaming, multi-metal cleaner ideal for use in spray, ultrasonic and soak cleaning. AquaKlean SUS operates at a mild pH of 10.0, making it highly effective and safe on all metals including soft, amphoteric metals such as Aluminium, Tin, Zinc and their alloys such as Brass and Bronze. AquaKlean SUS is a robust, high performance cleaner able to be used in a wide range of cleaning application and is used as a drop-in replacement for Brulin Formula 815GD.



Characteristics:

AquaKlean® SUS was formulated to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. AquaKlean SUS remains clear in both concentrate and dilution during use, and maintains low foaming tendencies over a wide temperature range, allowing for efficient and powerful cleaning and residue-free, spotless rinsing. Removes: inks, polishing and buffing compounds, grease, oils, fingerprints, drawing compounds, and metalworking fluids. With built in flash rust and corrosion inhibition package, AquaKlean SUS provides complete protection in heat treatment, annealing, or storage conditions.

Directions for Use:

AquaKlean® SUS is effective at ambient temperatures. However, it is normally used at 1 to 10% by volume of water at 60 °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.

Product Benefits

- Multi-metal spray and tank cleaner and degreaser
- Effective on plastics, ceramics and glass
- Low foaming tendency
- Excellent micro-etch for Aluminum & Aluminum alloys

Physical Properties



Physical Properties	AquaKlean® SUS
Use concentration	1 - 10% by volume
Bulk Density	9.4 lbs/gal
Operating Temps	60°F and up Best >120° to 165°F
pH, Concentrate	10.0-10.2
pH, @5%	9.8-10.0
VOC (@ 10% b.v.)	<7 g/L @ 10%
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).

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Redefining Chemistry®

EMERGENCY OVERVIEW:

This product may cause irritation to the skin and eyes.

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.