

NuKlean DS 105 – Heavy Duty Acidic Cleaner.

Description: NuKlean DS 105 a heavy duty acidic immersion/ultrasonic cleaner for removing oxides, smut, oils, grease, fingerprints and ship dirt from stainless steel, aluminum, brass, copper, zinc, magnesium, titanium, zirconium and inconel. Also for plastics, ceramics, glass, silicon carbide. The unique surfactant blend is especially good for wetting recessed surfaces such as tapped holes and tubes. Prevents oily materials from re-contaminating parts by emulsifying oils. At higher concentrations NuKlean DS 105 may be used for passivating stainless steel. For best results passivating SS NuBrite C 50 is recommended. Contains only phosphoric acid so NuKlean DS 105 is a safer alternative to sulfuric, hydrofluoric and nitric acid based products. NuKlean DS 105's surfactant blend not only aids in cleaning but helps provide a more uniform passivation. Great acid cleaner for medical devices and instruments.

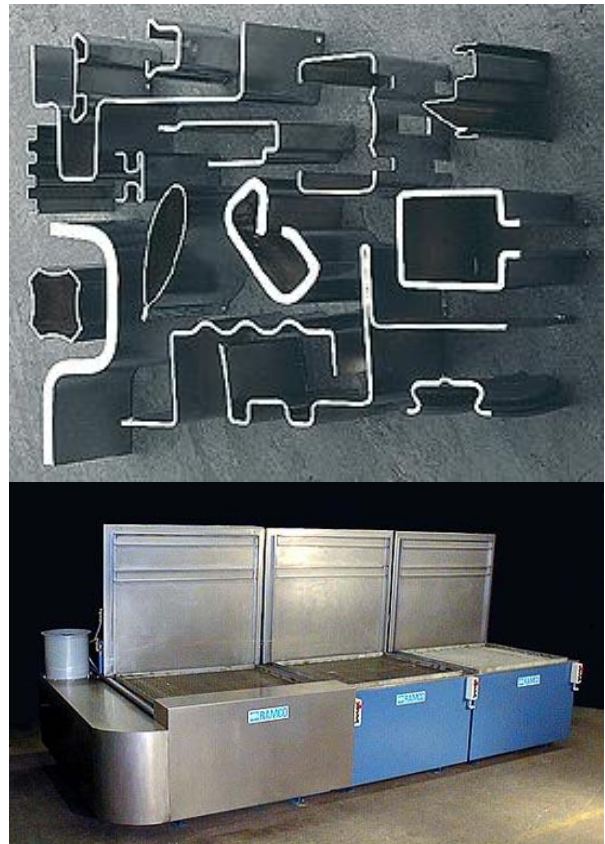
Applications: Use at 5-10%, from ambient to 120°F, for 5 to 300 seconds*. Rinse thoroughly after processing.
*Time, temperature and concentration should be determined based on type of material to be removed and base material. Contact your NuGeneration Technologies representative for assistance.

Typical Usage Parameters:

	NuKlean DS 105
Concentration Range	5-10% (20:1 to 10:1)
Operating temperatures	Ambient to 160°F
Immersion/Ultrasonic	•
Aluminum, brass, copper	•
Stainless steel, inconel	•
Mg, Zn, Ti, Zr	•
Plastics	•
Ceramics	•
Color	Colorless

Physical Properties:

	NuKlean DS 105
pH, concentrate	<1.0
pH, @ 10% b.v.	1.5
Bulk Density, #/gal	9.6
VOC (g/l in concentrate)	50
Solubility in water	Complete
Flash point	None
Contains Hydrofluoric acid	No
Contains Nitric acid	No
Contains Sulfuric acid	No
Contains Citric acid	No
Contains Phosphoric acid	Yes



Handling: Corrosive material; handle with caution. Use with adequate ventilation.

Availability: Available in 5, 55 and 275-gallon containers. Bulk tank shipments also available.

Shipment: Freight classification: "Corrosive Liquid, NOS, 8, PGIII (Phosphoric acid mixture) UN1760."

Storage: Keep from freezing. Store between 40-120°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.