

Parts Cabinet Washing – High Pressure Spray Cleaning: Fabricated Metals, Parts Cleaning, Metal Finishing, Solvent Free Degreasing

Applications:

NuGeneration Technologies **NuGenTec HDS 44 and 90** line of multi-metal alkaline aqueous cleaners are highly effective, cost efficient, biodegradable, contain no VOC's and are safe to use. These products are designed to remove soils, grease, shop oils, inks, carbonaceous deposits, smut, metalworking fluids, drawing, buffing, lapping compounds, and burned on waxes/oils. **HDS 44** protects against corrosion on aluminum and steel. **HDS 90** has Nitrite added to prevent flash rusting. With its built in defoamer this product will not foam even if contaminated with foaming coolants or soils. Cleaning times can be reduced with increasing temperatures. These products are intended to be run through micro-filtration with-out losing their defoaming ability.

Typical Usage Parameters:

	NuGenTec HDS 44 & 90
Description	Highly alkaline – silicated, won't foam. Ferrous metals, aluminum, Stainless
Use Concentration	2-20%
Operating temps	120 to 220°F
Immersion/ultrasonic	•
Spray	••
Ferrous metals	••
Brass & copper	
Aluminum	•
Plastics/polymers	•
Sump Cleaning	•



Physical Properties:

	NuGenTec HDS 44 & 90
pH, concentrate	13.0
pH, @ 5% b.v.	12.4
Bulk Density, #/gal	9.8
VOC (@5% b.v.)	Zero
Flash point	None
Solubility in water	Complete
Biodegradable	Yes
Chelates	No
Corrosive	Yes
Ozone friendly	Yes
Phosphates	None
Silicated	Yes
Nitrated	44=NO 90=YES
Built in defoamer	Yes



Availability: 5-gallon and 55-gallon containers; 300-gallon tote-bins and bulk tankers.

Storage: Keep out of direct sunlight. 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: 448-99-NuGen or email: info@nugentec.com