NuRinse BR 430HC

High Purity Cleaner Specially Formulated for the HDD Industry

Applications: Moderately alkaline HDD Media Cleaner for the Disk Drive (Media Storage) Industry. **NuGeneration Technologies'** NuRinse BR 430HC has been formulated with the needs of the electronics and medical device industries in mind. All of our products are manufactured with the highest-grade raw materials using 18 MOhm "certified Electronics grade" DI water then filtered to meet customers' requirements before packaging. Our products are cost effective i.e. formulated for extended bath life, contain no chelates, are safe to use (contain NO Prop 65 or SARA 313 ingredients), biodegradable and are easily disposed[(1)] of thereby reducing the cost of waste treatment.

NuGenTec has formulated special cleaners, which will keep nickel, aluminum, calcium, chromium, iron, and other divalent and trivalent metals soluble, as well as providing aluminum oxides, colloidal silica and diamond with excellent wetting and dispersion. Allowing for improved removal of particles, texturing fluids and organic residues. Our NuRinse BR series of cleaners has been formulated for this purpose.

NuRinse disk cleaners were formulated to provide improved removal of particulates and organics while providing reduced residues, and fast rinsing. **NuRinse BR 430HC provides excellent wetting proprieties and is therefore an excellent choice for pre-plate and pre-sputter cleaning**. The extremely fast rinsing properties of NuRinse BR 430HC allow for less water consumption, and shorter rinsing cycle times improving through-put and cost.

Usage:
- **1-3% in spray application**
- **3-10% in ultrasonic/mega-sonic applications**

Typical Usage Parameters:

	NuRinse BR 430HC
Description	Mild effective cleaner
Spray application Ultrasonic/megasonic applications	1-3% 3-10%
Operating temperatures	Ambient up to 150°F
Foaming Properties	Moderate
Scrubbers	YES
Spray stations	YES
Texture Wipe Cleaning	YES
Aluminum, Plastics, Glass, Ni/Phos	YES
Texture/polish fluid removal	Excellent
Particle Removal	Excellent
Color	Colorless
Odor	Mild

Physical Properties:

	NuRinse BR 430HC
pH, concentrate	12-12.5
pH, @ 2% bv	10.9-11.3
Bulk density, #/gal	8.72
VOC (concentrate)	90 g/L
Flash point	None
Chelates	None
Water solubility	Complete
Biodegradable	Yes
Silicates / HF / HCl / Phosphates	No

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40-120°F.
Shipping: Non-Hazardous, Non-Regulated Material.
(1) 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.

1155 Park Avenue, Emeryville, CA 94608 • (888) 996-8436 • Fax (877) 996-8436
www.nugentec.com • info@nugentec.com