



Precision Cleaning Spray Applications

VALTRON® Products	Product Description	Properties	Spray Applications	Contaminants to be Removed	Material Compatibility
DP054 (pH >13.5)	High-alkaline, low-foam detergent that has excellent rinseability	Complete water soluble components leaves no organic or inorganic residues due to its excellent rinseability	Robust cleaning of heavy soils from various materials. Especially effective for cleaning materials with machine oil contaminants	Heavy oils, grease, machining coolants, polishing compounds	Stainless steel, ferrous metals
DP146 (pH 11.9)	Caustic, silicate-free alkaline detergent containing unique blend of surfactants	Alkaline pH and biodegradable formula	Cleaning of wire sawing process soils on photovoltaic (PV) silicon wafers. This includes silicon carbide (SiC)/polyethylene glycol (PEG) cutting vehicles and kerf	Silicon carbide (SiC)/polyethylene glycol (PEG) slurry, kerf, particles	Silicon wafers
DP98014 (pH 13.7)	High-alkaline detergent formulated for use in high pressure spray cleaning equipment	Potassium hydroxide-based low-foaming formulation, free rinsing	Especially effective in cleaning materials that contain wax residues and mold release. Use at ambient or elevated temperatures	Hydrocarbon films, mold release, wax, various polishing slurries, and light oils	Stainless steel, ferrous metals
SP2250-2LF (pH 12.5)	Low-foaming surfactants and solvent make up this alkaline detergent for complete removal of hydrophobic soils	Contains no defoamers to ensure a no residue surface	Excellent removal of hydrophobic soils from metal forming, drawing and stamping operations	Grease, metalworking fluids including petroleum-based oils and synthetic lubricants	Ferrous metals, stainless steel, not recommended for aluminum
SW4120 (pH 11.9)	Alkaline pH detergent for high pressure spray application	Alkaline detergent	Excellent removal of particles and hydrocarbon films	Hydrocarbons, particles, fingerprints	Spray wash cleaning of glass, plastics and flat panel displays, except BK-7 glass
SW4150 (pH 11.6)	Alkaline detergent formulated for inline spray wash	Low surface tension and non-foaming	Ophthalmic lenses and polycarbonate substrates	Mold release, particles, fingerprints	Most plastics and glass except BK-7 glass

VALTRON® Detergents are formulated with high-purity raw materials for precision cleaning applications. The aqueous detergents are filtered through 0.2 micron filters to ensure product purity. They are supplied in liquid concentrate. These detergents can be used in spray, immersion, and mechanical contact systems. The formulations are free-rinsing and will leave no organic or inorganic residues after proper rinse. This is a partial list of detergents available through Valtech Corporation. For additional information contact us at info@valtechcorp.com.

pH values shown are for liquid concentrate



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