



Precision Cleaning With Ultrasonics

VALTRON® Products	Product Description	Properties	Industry Applications	Contaminants to be Removed	Material Compatibility
SP2200 (pH 12.4)	Alkaline blend of anionic and nonionic surfactants and solvent for complete contamination removal	Free-rinsing, biodegradable detergent containing no silicates or caustics. Will leave no residue after rinsing	Optical components, metal cleaning, ophthalmics, and ceramics	Light oils, particulates, and wax	Steel, stainless steel, nickel, most glass, plastics, ceramics, quartz, sapphire, silicon, and silicon carbide
SP2260 (pH 12.4)	Noncaustic detergent containing surfactants for effective removal of hydrocarbons and particles	Excellent sequestering ability for use in hard water and to ensure free rinsing of detergent and all contaminants	Silicon wafers, metal cleaning, ceramics, and precision optics	Hydrocarbon contaminants, particles, fingerprints	Steel, stainless steel, nickel, most glass, plastics, ceramics, quartz, sapphire, photovoltaic (PV) silicon wafers
SP2700-KB (pH 3.0)	Acidic detergent with a unique surfactant system	Contains no solvents. Can be used at room or elevated temperatures	Optical components, metal cleaning, ophthalmics, and ceramics	Light oxides, dust, particles, metal oxides	Aluminum, copper, brass, nickel, ferrous metals, stainless steel, titanium carbide, glass
DP188 (pH 10.4)	Alkaline blend of surfactants that provide a hydrophilic-lipophilic balance when removing difficult contamination	Moderately alkaline detergent with low surface tension for removal of tenacious soils in glass and metals manufacturing	Optical components, metal cleaning, ophthalmics, medical devices, and ceramics	Cerium oxide, aluminum oxide, various polishing compounds, light oils, small particles	Steel, stainless steel, nickel, most glass, plastics, ceramics, quartz, sapphire, germanium, silicon, and silicon carbide
DP153 (pH 12.7)	High-purity alkaline detergent that has low surface tension properties	Unique blend of nonionic and cationic surfactants provides emulsification of soils and prevents re-deposition of particles and provides excellent rinsability	Optical components, metal cleaning, ophthalmics, medical devices, and ceramics	Organic soils such as grease and oils	All metals, glasses, plastics, ceramics
DP154 (pH 7.0)	Neutral pH detergent with a blend of cationic and nonionic surfactants for cleaning materials sensitive to acids and alkalis	The low surface tension and strong ionic charge make this formulation very effective in small particle removal	Optical components, metal cleaning, ophthalmics, and ceramics	Small particles, hydrocarbon films	All metals, glasses, plastics, silicon wafers, ceramics
DP97031 (pH 7.4)	Neutral pH detergent that contains no anions	Excellent wetability, suspension, rinsability, and emulsification properties on a wide range of materials	Formulated for cleaning highly sensitive components in the computer hard disk drive (HDD) and electronics industries	Particles, hydrocarbon films, process contamination	All metals, glasses, plastics, ceramics
MD6000 (pH >13.5)	High-purity alkaline detergent	High-purity alkaline detergent with a unique blend of nonionic surfactants to meet critical cleaning requirements	Optical components, metal cleaning, ophthalmics, medical devices, and ceramics	Hydrocarbon contaminants, particles, fingerprints	Stainless steel, ferrous metals
MD6100 (pH 1.0)	High-purity alkaline detergent with a unique blend of surfactants	Alkaline detergent to meet critical cleaning requirements	Optical components, metal cleaning, ophthalmics, medical devices, and ceramics	Hydrocarbons, oxidation	Stainless steel, ferrous metals

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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