

PRECISION CLEANING SPRAY APPLICATIONS

VALTRON® PRODUCTS	PRODUCT DESCRIPTION	PROPERTIES	SPRAY APPLICATIONS	CONTAMINANTS TO BE REMOVED	MATERIAL COMPATIBILITY
DP054	High alkaline low foam detergent that has excellent rinseability. Nonionic surfactants	Completely water soluble makeup 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, coolants, polishing compounds	Stainless steel, ferrous metals
DP146	Caustic and silicate-free alkaline detergent containing unique blend of nonionic and anionic surfactants	Moderate pH and biodegradable formula ease the waste treatment process	Cleaning of wire sawing process soils on Silicon wafers. This includes SiC/PEG cutting vehicles and kerf	SiC/PEG slurry, kerf, particles	Silicon wafers
DP154-LF	Low surface tension neutral pH detergent containing cationic and nonionic surfactants for superior removal of particulates	The low surface tension and strong ionic charge make this formulation very effective in small particle removal	Optical components, metal cleaning, ophthalmics, electronics, and ceramics	Particles, hydrocarbon films	All metals, glasses, plastics, ceramics
DP97031-LF	Neutral detergent that contains no chlorides, fluorides, phosphates or sulfonates for cleaning materials that are sensitive to acidic or alkaline solutions	Ion-free detergent exhibits excellent solvent action, wetability, suspension, and emulsification properties on a wide range of materials	Formulated for cleaning highly sensitive components in the computer disk drive and electronics industries	Particles, hydrocarbon films, process contamination	All metals, glasses, plastics, silicon wafers, ceramics
DP98014	High alkaline detergent formulated for use in high pressure spray cleaning equipment	Potassium hydroxide based low foaming and 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	Low foaming surfactants and solvents make up this alkaline detergent for complete removal of hydrophobic soils	Contains no defoamers to insure a no residue surface prior to post cleaning processes	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
SP2275-LF	Chelated alkaline detergent formulated with low foaming surfactants and biodegradable solvents. Available in EU-compliant formula	Safe on a large variety of materials that are normally sensitive to acidic and alkaline detergents	Clean many types of components with low concentration while running in-process or assembly operations. Use at ambient or elevated temperatures	Hydrocarbon films, various polishing slurries, particles and light oils	Most glasses including BK-7 and lead containing. Aluminum, copper, brass, ferrous metals, stainless steel, silicon, germanium
SW4120	Moderate pH detergent for high pressure spray application	Alkaline detergent	Excellent removal of particles and hydrocarbon films	Hydrocarbons, particles, fingerprints	Spray wash cleaning of glass and plastics except BK-7 glass flat panel displays
SW4150	Alkaline detergent formulated for inline spray wash	Low surface tension and non foaming	Ophthalmic lenses and polycarbonated 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 processed through 0.2 micron filters to insure product purity. They are supplied in liquid concentrate to guarantee economical usage of material. These detergents may also be used in spray, immersion, and mechanical scrub systems. The detergents are free rinsing and leave no organic or inorganic residues after DI water rinsing.

This is a partial list of detergents available through Valtech Corporation.
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